

Airwell

**Heat pumps, Air conditioning
& Renewable energy solutions**

**EUROPE
2024/2025**


**FRENCH
BRAND**

Creating
**tomorrow's
indoor
well-being**

WELL GREEN SMART

INNOVATION • SERENITY • COMFORT LISTENING • COMMITMENT

Airwell manifesto

A vision for the future.

This is how Airwell was born in 1947. With the crazy idea of bringing innovative solutions from the United States that did not yet exist in Europe: air conditioning.

Today, innovation is more than ever at the heart of Airwell, as we have become leaders in the creation of thermal and climatic solutions. A deeply human innovation, listening to consumers.

Just like the family spirit that defines Airwell, based on wellbeing and respect for everyone's expectations.

Optimising our energy consumption, favouring solar energy to preserve our natural resources, reinventing consumer uses to limit our environmental footprint, cultivating the comfort of each interior...

At Airwell, we are committed to this for the well-being of everyone and the environment.

"What was our ambition became our mission."

Yes, energy solutions must be intuitive in their management and use.

Yes, they must reduce the ecological and economic impact of housing.

Yes, the world of tomorrow must be built around a single principle: the serenity of each individual.

"And we are convinced of this."

Our most beautiful energy story is you.

Airwell, main partner of the **Stade Français Paris**

The two groups share the same values:

innovation, team spirit, dynamism, conviviality, awareness of social and environmental issues... That was all it took for Airwell's logo to be displayed with the players on their shirts and in the Jean Bouin stadium.

PEOPLE MAKE THE STRENGTH

The partnership between this iconic **French rugby team and the French brand** specialising in climatic and thermal solutions was built quite naturally around shared objectives, particularly with regard to the social, environmental and local ambitions of the two groups. It's a **solid partnership**, firmly rooted in its foundations, and one that makes sense!

VALUES SHARED BY AIRWELL AND THE STADE FRANÇAIS PARIS

AUTHENTICITY
Vision Team Spirit
SOCIAL RESPONSIBILITY
Competitiveness Training



A FILM TO MAKE A DIFFERENCE

An advertising spot is shown on the stadium's giant screens and humorously illustrates the players' commitment to Airwell thermal solutions and the energy management offered by My Hybrid House. This immersive film takes us into the world of both the Stade Français Paris and Airwell, giving us privileged behind-the-scenes access to this exceptional team, which has contributed to the production of this advertising campaign "**Comfort at home with the Stade Français Paris**" in order to highlight this invaluable collaboration!



DISCOVER IT ON VIDEO!



TABLE OF CONTENTS

p.6 Our values

p.17 Service division

p.16 Airwell Academy

p.21 VRF range

SMART RANGE

p.25 Smart Building & Smart Home solutions

Just feel smart

p.26



Hybrid house

p.28

AirHome APP

SOLAR RANGE

p.31 Solar solutions

Just feel green



Solar panels

Photovoltaic

Electrical boxes

Single-phase AC 3 and 6 kW & Three-phase 9 kW

Micro-inverters

DS3-L & DS3

Hybrid inverter and battery

Imeon, Imeon lithium batteries and AirSolar "Plug and Play" cabinet

NEW

Pitched roof kits

Fastening hooks and rails

Photovoltaic pack

AirSolar solutions offer

AIR/WATER RANGES

p.35 Heat pump range

Just feel well

p.36

Air/water range selection guide

p.37

Zoom on air/water range functions

p.38

WELLEA M HT

R290

Monoblock heat pump with natural R290 fluid

NEW

p.40

WELLEA M HT capacity tables

p.42

WELLEA WT MT

R32

Triple-service split heat pump

p.44



WELLEA S MT

R32

Split heat pump

p.46

WELLEA M MT

R32

Monoblock heat pump

p.48

WELLEA M DF MT

R32

Monoblock heat pump

p.50

Power tables for WELLEA WT MT, S MT, M MT & M DF MT

p.54

Air/water heat pump accessories

p.57

Domestic hot water production range

p.58

ELEO S

R134A

Split thermodynamic water heater

p.60

ELEO M

R134A

Monoblock thermodynamic water heater

p.62

ELEO MS

R134A

Solar thermodynamic water heater

p.64

Thermodynamic water heater kits

p.67

High wall range

p.68

Air/air range selection guide

p.69

Zoom on air/air range functions

p.70

HDHC Artica

R32

High wall - High efficiency & Energetic efficiency

p.72

HDMB Harmonia

R32

High wall - Colour range

p.74

HDLE Aura

R32

High wall - Built-in Wi-Fi

p.76

HDLA Aura

R32

High wall



p.79

Multisplit range

p.80

ZDAA

R32

Multisplit

p.92

ZDAE

R32

Multisplit



p.101

Console, Floor ceiling & Floor standing ranges

p.102

XDLF

R32

Dual-flow console

p.104

XDMX

R32

Dual-flow console

p.106

FDMX

R32

Floor ceiling

p.108

FDLK

R32

Low-temperature floor ceiling

p.110

SDMX

R32

Floor standing



p.113

Ducted range

p.114

DDMX

R32

Medium-pressure ducted

p.116

WELLZONE

Zone-by-zone regulation



p.119

Ventilation range

p.120

JDAA Airflow

R32

Thermodynamic dual-flow CMV



p.123

Cassette range

p.124

CDMX

R32

360° cassette



p.127

Monoblock range

p.128

XDAW

R32

Monoblock console - Built-in Wi-Fi

p.129

WFAE

R32

Window

p.130

MFH

R290

Portable - Cooling only



p.133

Water-cooled range

p.134

XDOW

R410A

Water-cooled console

p.136

DFMO

R410A

Water-loop heat pump



p.139

CONTROL SYSTEMS

p.140

Compatibility tables

p.141

Function tables

p.142

Remote controls



p.158

Technical draws

p.186

Installation accessories

p.187

Toolbox (installation assistance, recommendations...)

p.198

General terms and conditions of sale

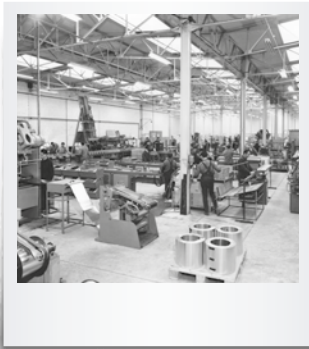
p.200

Icon guide



YOUR FRENCH REFERENCE

for over 75 years



Airwell,
a French thermal
equipment manufacturer
committed to the
energy transition

A French referenced brand for professionals

As an expert and creator of climate and thermal solutions, Airwell's mission is to create and cultivate well-being. Airwell is committed to:



**Reinventing
uses**

→ To limit our environmental footprint.



**Optimising
consumption**

→ To consume less and better.



**Promoting
solar energy**

→ To preserve natural resources.

Historical French manufacturer

- 1947 ● **Creation of the Airwell Group**, the French pioneer in heat pumps.
- 1970 ● Airwell becomes **the leading European** heat pump manufacturer. Leader in Europe and Africa.
- 2008 ● Industrial disengagement and restructuring of the Airwell Group.
- 2014 ● Launch of the **Airwell 2.0** strategic project (the transformation from a heat pump manufacturer to a solution provider).
- 2020 ● Launch of our offer for private customers: **Hybrid house**.
- 2021 ● **Airwell becomes Airwell Group** following the acquisition of Airwell Residential by Airwell Distribution.
- 2022 ● Integration of the **CSR approach** into the strategy and award of the **"Innovative Company"** label by BPI France. Launch of our Renewable Energy offer.
- 2023 ● Airwell Group acquires Amzair Industrie and sets up its **Airwell Industrie** production site in Brittany to enrich the Group's ecosystem in the design and manufacture of **100% French and connected heat pumps**.

GROUPE AIRWELL

Want to invest and become a contributor in the energy transition?

A propitious context:



→ Airwell, the French reference for heat pumps



→ A market driven by new environmental standards



→ A CSR approach at the heart of Airwell



→ A strategy of conquest driven by the new management



→ Airwell, French expert and manufacturer since 1947



→ Innovative energy-efficient solutions

I become a shareholder

All the steps are detailed on our website:

groupe-airwell.com/en/become-a-shareholder/



110
employees



70+
service partners



200+
business partners



80
Airwell operates
in 80 countries



INNOVATION MADE IN FRANCE

by Airwell

Airwell Industrie, a benchmark plant for French R&D and production of the Airwell Group's innovative premium solutions.

Based in Plabennec (29) in Brittany, this production site will enhance and complete the Airwell Group's ecosystem **in the design and manufacture of 100% French and connected heat pumps.**

The Airwell Group's ambition is to transform this plant into a symbol of innovation in residential energy solutions and thus **develop its global offering of solutions based on data, artificial intelligence and connectivity.**

THE PILLARS OF THE AIRWELL INDUSTRIE PROJECT

MASTERING THE VALUE CHAIN

Designing, industrialising and producing innovative premium thermodynamic solutions in France. Airwell's aim is to produce machines of excellent quality and reliability.

ENHANCING ITS OFFER

Develop a range of heat pumps without outdoor units and a range of geothermal heat pumps.

CONNECTIVITY AND REPAIRABILITY

A connected product offering for preventive and predictive maintenance: an algorithm for reparability.

R&D AND TEST LABORATORY

A research, testing and innovation centre based in France.

With the creation of Airwell Industrie, the Airwell Group is pursuing its development in a buoyant market by integrating a new range of innovative products and services dedicated to the comfort of homes and tertiary buildings.

AIRWELL, *a french manufacturer*

Products manufactured in the Airwell Industrie factory



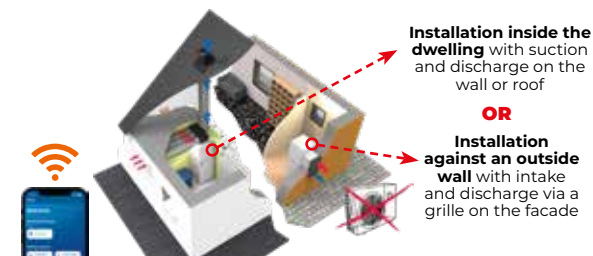
AMZÉO WT

3 IN 1 indoor air/water monoblock heat pump

The ideal solution for high-performance homes

+ PRODUCT

- Compact, monoblock unit with no outdoor unit.
- Unrivalled discretion and easy installation via grille or ducts.
- All-in-one for heating, DHW and cooling.
- Compatible with all types of hydraulic emitters.
- Modular, with no on-site refrigerant connections.
- Designed and manufactured in France to last.
- Remote control and predictive maintenance.



FEATURES

- Available in 4KW single-phase from April 2025.
- R32 fluid and Inverter regulation with power maintenance.
- Coaxial exchanger with excellent resistance to fouling.
- Integrated hydraulic tower with stainless steel DHW cylinder and mixing tank.

TÉRÉO

Brine-to-water heat pump

The optimum solution

+ PRODUCT

- Discretion, simplicity and efficiency of geothermal energy.
- Dual service (heating, DHW).
- Compatible with horizontal or vertical collection (or groundwater with barrier exchanger).
- Compatible with all types of hydraulic emitters for both new-build and renovation projects.
- Designed and built in France to last.
- Remote control and predictive maintenance.



FEATURES

- Available from September 2024 from 9 to 25 kW and cascable.
- R407C fluid and on/off technology.
- Flow temperature up to 55°C.
- Range of plug'n play hydraulic modules available.

IN PREPARATION

TÉRÉO HT

Brine-to-water heat pump with new low GWP fluid and Inverter

The geothermal solution



+ PRODUCT

- Low GWP fluid and Inverter flexibility.
- Discretion, simplicity and efficiency of geothermal energy.
- All-season comfort: heating, DHW and cooling.
- Compatible with horizontal or vertical collection (or groundwater with barrier exchanger).
- Compatible with all types of hydraulic emitters for both new-build and renovation projects.
- Designed and manufactured in France to last.
- Remote control and predictive maintenance.

AMZÉO HT

Indoor monoblock air/water heat pump with new low GWP fluid and Inverter.

Discretion for both new-build and renovation projects



+ PRODUCT

- Low GWP fluid and Inverter flexibility.
- Discreet integration with a customisable colour grid (and/or ductwork).
- All-season comfort: heating, DHW and cooling.
- Compatible with all types of hydraulic emitters.
- Designed and manufactured in France to last, even by the sea.
- Remote control and predictive maintenance.

SERVICES DEDICATED

to making your life easier

Do you need technical assistance in determining the right parts, wiring diagrams or even fault Part numbers for you?

Our hotline, based in France, is ready to support you and help solve all your problems.



LOCAL AND REMOTE TECHNICAL SERVICE

- Specialist technicians.
- Direct contact by phone and on-site if necessary.
- Training in all products.
- Commissioning carried out by an Airwell-approved Technical Centre.



CALL CENTRE

- Quick and effective responses from our experts.
- High availability.
- A multilingual centre.
- Continuously trained professionals.
- A customer and service-focused approach first and foremost!
- Attentive assistance until the customer is fully satisfied.

NEW

VIDEO ASSISTANCE

You can consult our experts from the field, by sharing your phone's camera in real time, as well as photos or technical manuals, in addition to the voice channel.



**You can find all our partners
on our website, via the link below:**

www.airwell.com/en/where-to-find-us/



TECHNICAL DOCUMENTATION



You can access all of our documentation from our online library:

lh.airwell-res.com



AIRWELL ACADEMY

airwell-academy@airwell.com

Tel: +33 (0)1 76 21 82 22



HYBRID HOUSE OFFERS - AIRSOLAR SOLUTIONS (renewable energy range)

Tel: +33 (0)6 13 16 81 29



TECHNICAL SUPPORT AND PROJECTS

presales@airwell.com

Tel: +33 (0)7 86 62 47 88

Tel: +33 (0)6 45 40 98 82

**Enjoy the advantages of a
remote sales specialist while
retaining your discount!**



AFTER-SALES AND QUALITY SERVICE

Our interactive voice server (IVR) has been redesigned in order to provide a more efficient and effective customer service. Our responsiveness and professionalism provide a benchmark level of service.

+33 (0)1 76 21 82 95

Monday to Friday 9 am-1230 pm / 2 pm-5 pm

TECHNICAL SUPPORT

sav@airwell.com

ORDER SPARE PARTS

sp@airwell.com



YOUR CUSTOMER AREA

You can easily access the content you need.

This platform has been built to be as close as possible to our customers and to respond to requests in an optimised and efficient way.



Order your spare parts online!



Manage your invoices, your quotes and your order book.



Make a request support.



Access exploded views some products.



Register your equipment.



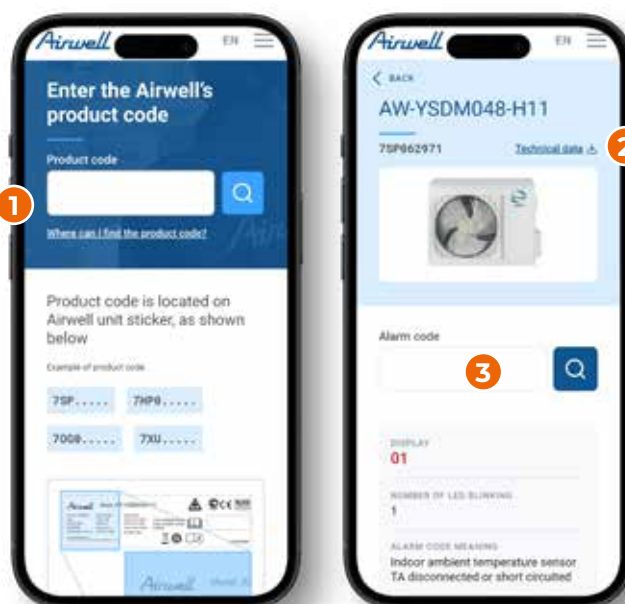
THE MINI-SITE SERVICE

Our new after-sales site will help you with the pre-installation, installation and troubleshooting of Airwell products.

Easy to use, you'll find all the information you need with just one click!

- 1** Enter the product code of the appliance
- 2** Access the technical data sheet
- 3** Identify alarm codes

www.service-airwell.com



HEAT PUMP SELECTION

Software



→ Software designed to help professionals draw up their technical and commercial proposals for the Wellea ranges.

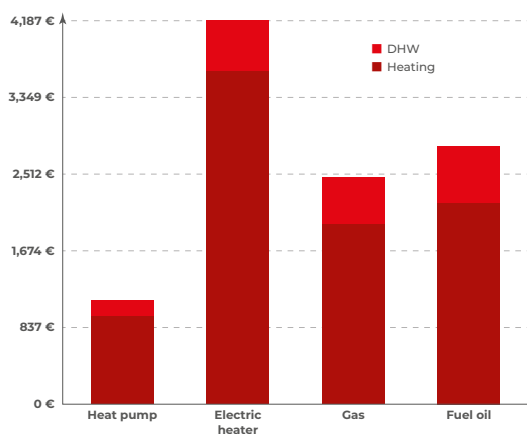


WELLEA SELECTION

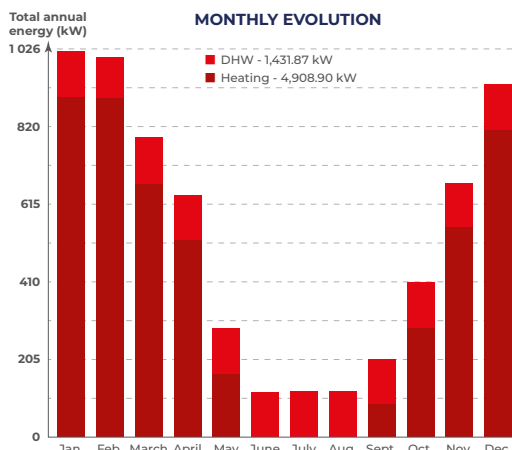
A complete solution that will enable you to:

- **Quantify the energy savings** represented by the installation of a Wellea air/water heat pump.
- **Generate a full report** containing all the specifications and technical data;
- **Generate a quotation** including all accessories for your customer.
- **Adapt to local market demands:** sizing takes into account cooling requirements in addition to heating and domestic hot water needs.
- **Sizing cascade installations:** the software will give you all the performance and installation data you need.

COST COMPARISON



MONTHLY EVOLUTION



CORPORATE SOCIAL RESPONSIBILITY

A CSR APPROACH AT THE HEART OF OUR DNA

Airwell has carried out a CSR diagnostic with the aim of defining commitments and objectives to be met. Five major areas of impact were identified: social, environmental, territorial, economic and ethical.

For each of these areas, the Airwell Group is deploying a CSR policy that reflects its values and takes the form of commitments.

Our commitments

1

SOCIAL

- Ensuring quality of life at work for our employees (equipment, infrastructure, premises, dialogue).
- Encourage the commitment of our employees in their search for meaning.
- Offering long-term job security, with the majority of new hires on permanent contracts.
- Ensuring professional equality between men and women and encouraging the employment of young people.
- Supporting the development and career advancement of our employees.

4

ECONOMIC

- With the aim of developing services that are better for people and the planet, supporting our customers with eco-responsible and innovative services.
- Supporting businesses and local authorities in their energy transition, starting with our head office (Leezy offer under development).
- Development of our AirSolar Solutions solar range and Airwell's My Hybrid House offering to help customers control their energy consumption.

2

ENVIRONMENTAL

- Protect the environment by reducing our waste through recycling (paper, coffee capsules, cardboard, etc.).
- Ensuring waste treatment linked to the life cycle of products (WEEE).
- Limiting the impact of transporting our products by opening a new storage warehouse in France.
- Provide recharging points for our fleet of hybrid vehicles.

5

ETHICS

- The management team is made up of equal numbers and is committed on a daily basis to pursuing a strategy that is both ethical and meaningful.
- Our employees, Airwell's DNA, whom we want to develop professionally in a caring environment.
- Our customers, true partners for whom satisfaction is our priority.
- Our suppliers and service providers who share our societal values (European standards and CSR approach).
- Our investors, motivated by our desire to develop innovative, reliable and scalable energy-efficient solutions.

3

TERRITORIAL

- Contribute to local economic activity and development by taking part in local initiatives.
- Participating with the local league in the French Energy Saving Championship.
- Train 120 people at the Airwell Academy through our locally-developed retraining programme.





Airwell

ACADEMY

WHY AIRWELL ACADEMY?

- Technical & qualifying training.
- Training tools: training rooms and training trolley rental service.
- Tailored services: residential and industrial energy audit.

Airwell supports you in setting up an energy management system that is essential to your business and to the planet.



CONTACT US

The training centre in Paris, France:

Airwell Academy

10, rue du Fort de Saint Cyr
78180 Montigny-le-Bretonneux, France

This center is specialized in energy engineering field retraining.

The training centre in Valence, France:

Airwell Academy

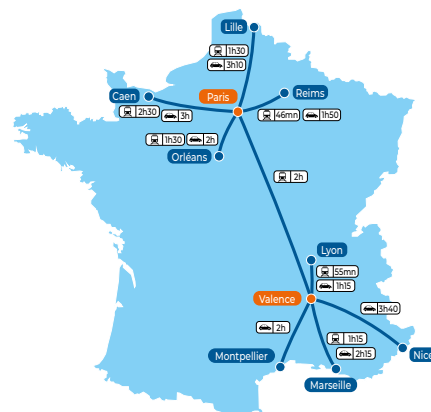
66, rue Gilles de Roberval - 26000 Valence, France



THE CENTRES

The training space provides:

- An Airwell products showroom
- Several equipped training rooms
- An habilitation room
- A dining area and a kitchen
- An outdoor recreational area
- Private car park



airwell-academy@airwell.com

+33 (0)1 76 21 82 22

or contact your Airwell sales representative

Register for the training programme on:

www.airwell-academy.fr

Discover our new website!

Qualiopi
certified process

RÉPUBLIQUE FRANÇAISE
Quality certification has been awarded
in the social action category:
Training action

TRAINING

guide

Airwell offers training services to develop your knowledge of products and the market environment**.



RES1

Qualification training

RESIDENTIAL APPLICATION



VRF1

Qualification training

VRF APPLICATION



PAC1

Qualification training

HEAT PUMP APPLICATION



* Score derived from customer satisfaction surveys of trainees from between 2021 and 2024.
** The qualifying modules are qualifying training for the French market, in line with French regulations.



NEED EQUIPMENT OR A TECHNICAL PLATFORM FOR YOUR TRAINING?



TAILORED TROLLEYS



Our mission as climate engineering professionals is to support the trainees in the sector, and give them the means to upskill.

Climate engineering plays a major role in the training of the specialists and engineers.

This is why we have developed teaching equipment in the form of training trolleys, made in France, on which our products operate.

We offer a multitude of teaching equipment, tailored to Airwell products or custom-made.



ROOM RENTAL

The Airwell Academy offers a rental service for its rooms, which are essential in teaching good practice in the refrigeration sectors.



Quote and booking:

airwell-academy@airwell.com

+33 (0)1 76 21 82 22



VIDEO VISIT

**TAKE THE TIME TO
VISIT OUR TRAINING
CENTRE IN VALENCE,
FRANCE!**

Discover it on video!



HOW WE PAY FOR TRAINING



YOUR TRAINING IN 5 STEPS

1 Register by:

- Mail
- Telephone
- Website

2 Validation of prerequisites

- By means of a placement test and an estimate.

3 Confirmation of enrolment, sending the future trainee:

- Training agreement
- Invitation to attend
- Programme sheet
- Access map
- Rules and regulations

NB: a copy of the signed agreement must be returned to us before the invitation.

4 Training period

5 At the end of the course, the company and/or trainee will receive:

- The paid invoice
- The training completion certificate
- Signed attendance sheet

Qualiopi
certified process

 **RÉPUBLIQUE FRANÇAISE**

Quality certification has been awarded
in the social action category:
Training action





COMMERCIAL & INDUSTRIAL *Range*

THE AIRWELL VRF OFFER

A manufacturing concept built on experience and an international presence.

Product designed to meet European Energetic efficiency prerogatives while being resistant to harsh climatic environments.

Airwell VRFs are 100% Inverter

The new VRF Inverter range exclusively uses the best japanese compressor brands and focusing on 3 technologys: the **Scroll EVI**, the **Scroll** and the **Twin Rotary**, thus offering a perfect ratio between reliability and Energetic efficiency.

All the refrigeration units of the Airwell VRFs have been strictly selected to guarantee flawless reliability and increased service life.

Among the most notable refrigeration components are the japanese compressors and the oversized "anti-liquid shock" bottle protecting it. An oil separator per compressor allowing a direct return of more than 95% of the oil expelled during discharge and a sub-cooler with an adjustable target during development.

In addition, each Airwell VRF is protected by a series of sensors allowing the correct operation and Energetic efficiency of the installation to be guaranteed at all times.

Silent mode

Silent mode allows installation in restricted urban areas.

Anti-corrosion treatment

BlackFin anti-corrosion treatment as standard, specially designed to meet the requirements of saline and corrosive environments, with multi-layer protection that extends the life of the exchanger fivefold.

**Look up our VRF catalogue
for details of our various ranges.**



THE OUTDOOR UNITS FlowLogic V

MODELS		REFRIGERANT TYPE	CAPACITY (HP)	COOLING CAPACITY (KW)	HEATING CAPACITY (KW)
VVFA - 2-PIPES - FRONT DISCHARGE					
	VVFA-125R	R410A	4	12.10	14.20
	VVFA-150R		6	15.50	18.00
	VVFA-220R		8	22.60	22.60
	VVFA-280R		10	28.00	30.50
	VVFA-335R		12	31.50	31.50
VVTA - 2-PIPES - TOP DISCHARGE					
	VVTA-400R	R410A	14	40.00	40.00
	VVTA-450R		16	45.00	45.00
	VVTA-504R		18	50.40	50.40
	VVTA-560R		20	56.00	56.00
	VVTA-680R		24	68.00	68.00
	VVTA-735R		26	73.50	73.50
VVEA - 3-PIPES - TOP DISCHARGE					
	VVEA-335R	R410A	12	33.50	33.50
	VVEA-400R		14	40.00	40.00
	VVEA-450R		16	45.00	45.00
	VVEA-504R		18	50.40	50.40
	VVEA-560R		20	56.00	56.00
	VVEA-615R		22	61.50	61.50

CERTIFICATION



- AIRWELL participates in the ECP VRF programme. Check the validity of the certificate on: www.eurovent-certification.com

THE INDOOR UNITS

The indoor units of the VRF range adapt to all destinations and all projects. From the 4-way cassette to the 360° cassette, from the extra-flat duct to the high-pressure duct and from the wall to the ceiling-light, Airwell meets all the needs in terms of thermal comfort.

- Fitted with DC inverter fan motors offering high aerodynamic performance with a very low sound level and an electronic expansion valve offering 475 opening steps, the indoor units in the range will combine **comfort and performance**.
- The entire range of indoor units offers a **standard dry contact** allowing the unit to be controlled through a window or door contact or a "room card" for a hotel application.
- At Airwell, each indoor unit is delivered with its RWV05 wired or RCV03 infrared remote control.

MODELS		REFRIGERANT TYPE		CAPACITY (HP)	COOLING CAPACITY (kW)	HEATING CAPACITY (kW)
	HIGH WALL	HVVA	R410A	7 models		
				0.75 to 3.75	2.2 to 9.0	2.5 to 10.0
	CASSETTE 600X600	CVQA	R410A	6 models		
				0.5 to 2.25	1.5 to 5.6	1.7 to 6.3
	360° CASSETTE	CVTA	R410A	7 models		
				1.75 to 7.0	4.5 to 16.0	5.0 to 18.0
	FLOOR CEILING	FVVA	R410A	8 models		
				1.5 to 6.0	6.3 to 14.0	4.0 to 16.0
	DUCTED LOW STATIC PRESSURE	DVLA	R410A	4 models		
				0.75 to 1.75	2.2 to 4.5	2.5 to 5.0
	MEDIUM-PRESSURE DUCTED	DVMA	R410A	10 models		
				0.5 to 7.0	1.5 to 16.0	1.7 to 18.0
	DUCTED HIGH STATIC PRESSURE	DVHA	R410A	2 models		
				9 and 24	22.6 and 28	25.0 and 31.5
	CONSOLE	XVVA	R410A	3 models		
				1.25 to 2.25	2.8 to 5.6	3.2 to 6.3
	AHU CONNECTION KIT			5 models		
				-	-	3.2 to 73.5*

* Kits can be fitted in parallel to increase capacity.





SMART BUILDING & SMART HOME

Solutions

MODELS

p.26 Hybrid house

HYBRID
HOUSE by Airwell

p.28 AirHome APP



HYBRID

HOUSE by Airwell

Hybrid House by Airwell is the combination of the energy performance of heating products/ heat pumps/air conditioning powered by photovoltaic energy; all controlled in an intelligent, connected and centralized system.

GOING HYBRID *at your own pace!*

This is about creating the configuration that meets the customer's use and budget.

1

YOU PRODUCE YOUR OWN ENERGY

With AirSolar photovoltaic solar panel kits, you produce free energy (electricity and/or hot water) allowing you to make big savings. In addition, this energy allows you to minimize the carbon footprint (green energy).

AirSolar
SOLUTIONS
AN AIRWELL GROUP BRAND

2

YOU POWER ALL THE EQUIPMENT IN YOUR HOME

This energy produced makes your home more energy self-sufficient, as it is able to power the heating, air conditioning, ventilation, domestic hot water production and other equipment in your home*.

* Under development for 2024.

3

CONTROL OF YOUR EQUIPMENT AT YOUR FINGERTIPS



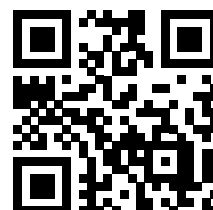
The AirHome APP allows you to control your energy appliances from your smartphone

and tablet. Hence, controlling your consumption has never been so easy!



VISIT THE WEBSITE

New pages to discover! Customer testimonial video, explanation of the concept, presentation of possible configurations, project form...





Our approved installers network really got around this year!

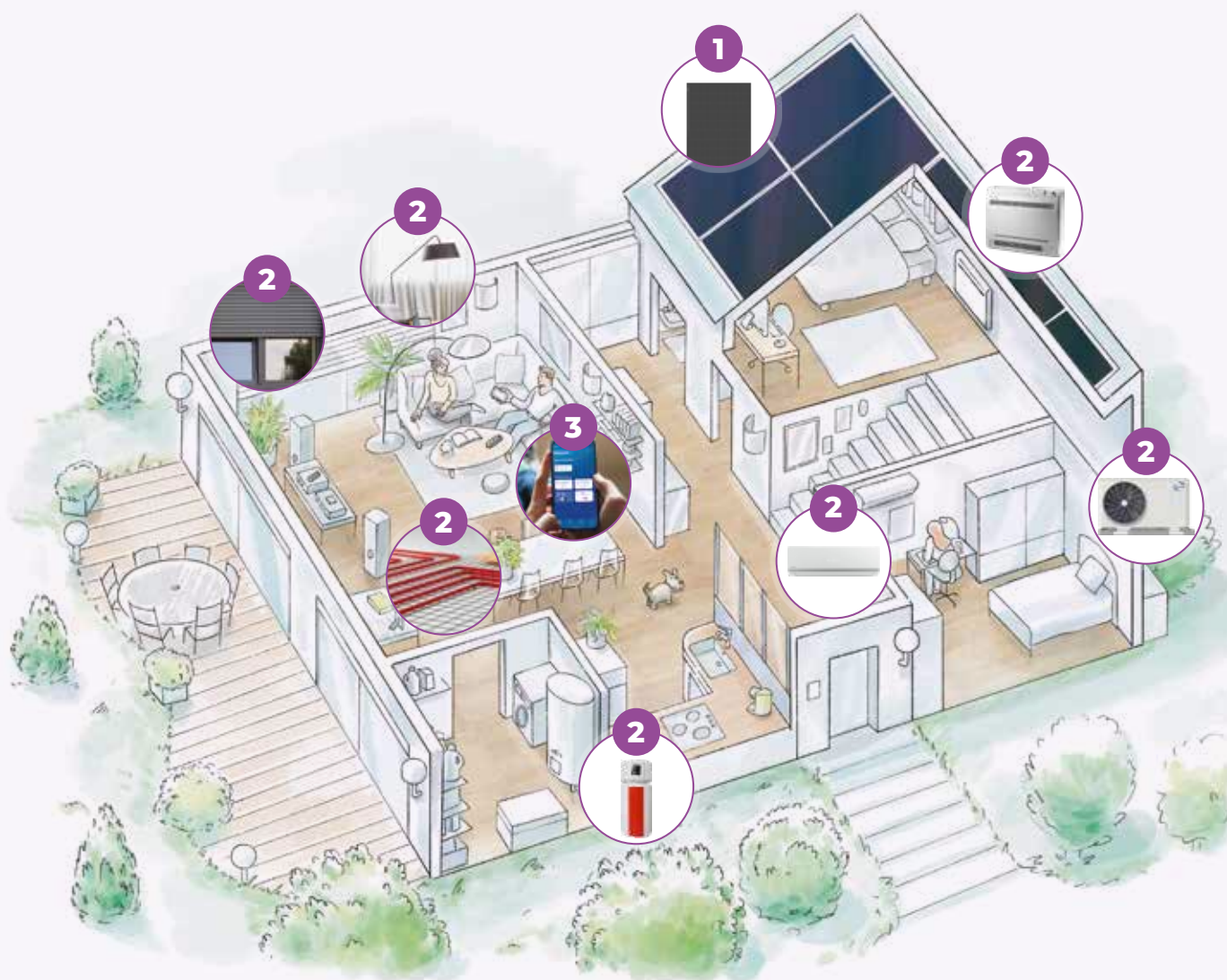


Production of a new customer testimonial video in partnership with an approved installer from the Ma Maison Hybride network.



TESTIMONIAL

Discover the installation of a private individual's hybrid home





Thanks to our free AirHome app,
available on Android and iOS, welcome to
the Airwell hybrid and connected home!

CONTROL OF YOUR HOME

at your fingertips



A single app to control your entire home!

Connecting to the AirHome app gives you optimal control of your HVAC equipment. An all-in-one app managing your air conditioning, heating, ventilation, domestic hot water and connected objects in the house, which makes your daily life easier (Plug&Play) while saving money.



DOWNLOAD
THE APP





CONTROL YOUR HOME

Program all the appliances in the house, set the ideal temperature at different times of day according to your routine, manage different scenarios – all through AirHome to ensure total comfort while saving energy.



CONNECTIVITY

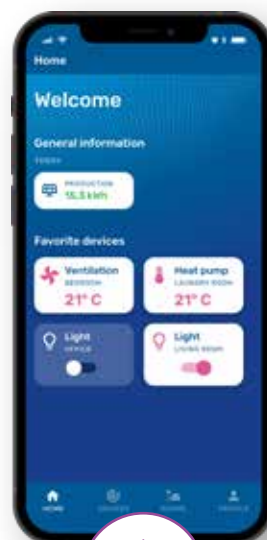
Connect all your devices in a few clicks: your heat pump and other Airwell products, your compatible photovoltaic panels and other connected household equipment*.

* Under development for 2024.



ENERGY SAVING

Make big energy savings without having to think about it, our app's algorithm automatically optimizes the consumption of your devices by alternating solar and grid production.



SOLAR ENERGY PRODUCTION

View a snapshot of your solar electricity production at any time, as well as the history.





SOLAR

Range

MODELS

p.32

Solar panels



Electrical boxes



Micro-inverters and wiring accessories



NEW

Hybrid inverter, batteries and “Plug and Play” cabinet for energy storage



Pitched roof kits



Photovoltaic pack



CLOSE-UP OF PHOTOVOLTAIC INSTALLATION

Photovoltaic panel
AirSolar Solutions



Airwell promotes **solar energy**, and offers a wide solar range to cultivate comfort in every home, while optimising its energy consumption.



**DOWNLOAD THE
DOCUMENTATION**



**For further details, please refer to the
AirSolar solutions solar guide, available
from our document library.**





AIR/WATER HEAT PUMP

Range

MODELS

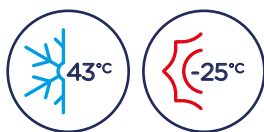
			FLUID	PREFERRED APPLICATION	MODE	DOMESTIC HOT WATER
p.36	Air/water range selection guide					
p.37	Zoom on air/water range functions					
p.38	WELLEA M HT					
		Monoblock heat pump with natural R290 fluid	R290	Renovation	Heating and cooling	Optionnal
p.40	WELLEA M HT capacity tables					
p.42	WELLEA WT MT					
		Triple-service split heat pump	R32	New-build	Heating and cooling	Built-in
p.44	WELLEA S MT					
		Split heat pump	R32	New-build	Heating and cooling	Optionnal
p.46	WELLEA M MT					
		Monoblock heat pump	R32	Renovation	Heating and cooling	Optionnal
p.48	WELLEA M DF MT					
		Monoblock heat pump	R32	Renovation	Heating and cooling	Optionnal
p.50	Capacity tables for WELLEA WT MT, S MT, M MT & M DF MT					
p.54	Air/water heat pump accessories					

Air/water range selection guide

RANGE	WELLEA M HT	WELLEA WT MT	WELLEA S MT	WELLEA M MT	WELLEA M DF MT
					
Page	p.38	p.42	p.44	p.46	p.48
Refrigerant	R290	R32	R32	R32	R32
Sizes	4-6-8-10-12-14-16	4-6-8-10-12-14-16	4-6-8-10-12-14-16	4-6-8-10-12-14-16	18-22-26-30
Link	Hydraulic	Refrigeration	Refrigeration	Hydraulic	Hydraulic
Water temperature	 75°C HIGH TEMPERATURE UP TO 75°C	 60°C MEDIUM TEMPERATURE UP TO 60°C	 60°C MEDIUM TEMPERATURE UP TO 60°C	 60°C MEDIUM TEMPERATURE UP TO 60°C	 60°C MEDIUM TEMPERATURE UP TO 60°C
POWER SUPPLY					
Single-phase	✓	✓	✓	✓	✗
Three-phase	✓	✓	✓	✓	✓
ENERGY LABELS					
Heating	A+++	A+++	A+++	A+++	A+++
Domestic hot water	✗	A+	✗	✗	✗
FUNCTIONS					
Heating	✓	✓	✓	✓	✓
Cooling	✓	✓	✓	✓	✓
Domestic hot water (DHW)	✓	✓	✓	✓	✓
PROJECT					
New	✗	✓	✓	✓	✗
Boiler replacement	✓	✓	✓	✓	✓
INSTALLATION					
Unit	Monoblock	Split	Split	Monoblock	Monoblock
Electric supply	✓	✓	✓	✓ ou ✓	✓
Anti-corrosion treatment	 GREEN FIN	 BLUE FIN	 BLUE FIN	 BLUE FIN	 BLUE FIN
CONNECTABLE HEATERS					
High-temperature radiators	✓	✗	✗	✗	✗
Low or medium temperature radiators	✓	✓	✓	✓	✓
Fan coils	✓	✓	✓	✓	✓
Underfloor heating	✓	✓	✓	✓	✓
CONNECTED SERVICES					
Remote control using the AirHome mobile application	✓	✓	✓	✓	✓
Compatible with our My Hybrid House by Airwell offer	✓	✓	✓	✓	✓

✓ Built-in ✓ Optional

Zoom on air/water range functions



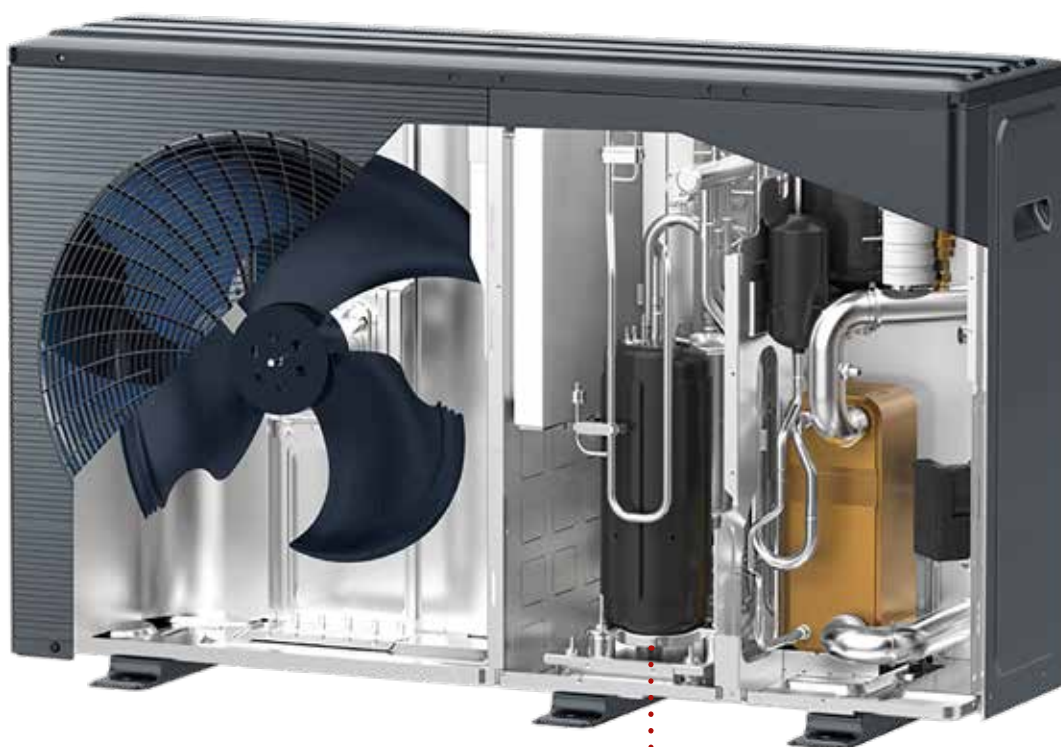
EXTREME TEMPERATURE OPERATION

Integrated condensate drip tray as standard, with electric heater at the bottom of the drip tray to limit freezing at extreme temperatures.



WI-FI BUILT-IN

Thanks to the remote control's built-in WiFi, you can control your heat pump remotely.



GREEN FIN TREATMENT

The new anti-corrosion treatment for the outdoor unit offers increased resistance to salty air (only available with Wellea M HT).



COMPACT AND SILENT

The outdoor unit is fitted with a single fan, which reduces both size and noise levels. Noise reduction thanks to sound insulation and compressor anti-vibration plate.

+ PRODUCT

- RCW31 remote control included
- Wide power range, and water output up to 75°C: ideal for renovated installation
- 3 kW or 9 kW electric back-up included⁽²⁾

Connectivity



FEATURES



GREEN FIN TREATMENT



PROGRAMMABLE TIMER



WEEKLY TIMER



COOLING MODE OPERATIONAL UP TO 46°C OUTDOOR



HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOOR



UNIT ON/OFF OUTPUT



HIGH TEMPERATURE UP TO 75°C



FLOOR HEATING/COOLING



HIGH-TEMPERATURE RADIATOR



LOW-TEMPERATURE RADIATOR



BOILER REPLACEMENT



BOILER BACK-UP



QUIET MODE



TEMPERATURE LOCK



MODE LOCK



WI-FI



FAN COIL



WATER PROGRAM

WELLEA M HT

Monoblock heat pump with natural R290 fluid



HEATING A+++



FLUID R290



RCW31 included

+ "SUSTAINABLE DEVELOPMENT"

- Energy saving thanks to A+++ energy class.
- Cut your bills: COP up to 5,10.
- High-performance compressor for energy savings.
- Natural refrigerant, more respectful of the environment thanks to its low impact, GWP=3.

+ "USER"

- Ideal for replacing a gas or fuel oil boiler.
- Saves on heating elements thanks to the 75°C water temperature.
- Heat pump remote-controlled thanks to AirHome connectivity (as standard).

+ "INSTALLER"

- Cascade management up to 6 units.
- Customisable water program.
- ZERO concept option: 2-area control, dual-purpose control, Smart Grid contact, and more as standard.
- Modular product: Heating / Cooling / Domestic hot water. (with accessories).
- Backup of your settings via USB.

+ "TECHNOLOGY"

- Ultra-quiet model: 30 dB(A) at 5 m(1).
- Operates in extreme temperatures thanks to a dedicated condensate tray.
- HP Keymark certified, guaranteed performance.
- Maintains power even in cold weather.

(1) Acoustic pressure of 4 kW model, free field directivity 1.

(2) Depending on model.

TECHNICAL DATA

OUTDOOR UNIT			BDHW-040R-04M25	BDHW-060R-04M25	BDHW-080R-04M25	BDHW-100R-04M25	BDHW-120R-04M25	BDHW-140R-04M25	BDHW-160R-04M25	BDHW-120R-04T35	BDHW-140R-04T35	BDHW-160R-04T35
Part number			7MB140020	7MB140021	7MB140022	7MB140023	7MB140024	7MB140025	7MB140026	7MB140027	7MB140028	7MB140029
Phase			Single-phase				Single-phase			Three-phase		
HEATING MODE												
 Air +7°C Water 55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	11.90	13.80	16.00	11.90	13.80	16.00
	Power input	kW	1.49	2.03	2.36	3.06	3.90	4.68	5.61	3.90	4.68	5.61
	COP		2.95	2.95	3.18	3.10	3.05	2.95	2.85	3.05	2.95	2.85
 Air -7°C Water 55°C	Heating capacity	kW	4.00	5.15	6.15	6.85	9.80	11.00	12.50	9.80	11.00	12.50
	Power input	kW	2.05	2.58	3.00	3.43	4.78	5.37	6.25	4.78	5.37	6.25
	COP		1.95	2.00	2.05	2.00	2.05	2.05	2.00	2.05	2.05	2.00
 Air +7°C Water 60°C	Heating capacity	kW	4.58	6.20	8.31	9.27	12.06	14.00	15.10	12.06	14.00	15.10
	Power input	kW	1.56	2.20	2.79	3.28	4.18	5.05	5.64	4.18	5.05	5.64
	COP		2.94	2.82	2.98	2.82	2.88	2.77	2.68	2.88	2.77	2.68
 Air -7°C Water 60°C	Heating capacity	kW	4.61	5.10	6.98	7.12	10.35	11.24	11.65	10.35	11.24	11.65
	Power input	kW	2.39	2.74	3.36	3.51	5.20	5.75	6.19	5.20	5.75	6.19
	COP		1.93	1.86	2.08	2.03	1.99	1.95	1.88	1.99	1.95	1.88
 Air +7°C Water 65°C	Heating capacity	kW	4.63	6.19	8.11	9.26	12.02	13.71	14.71	12.02	13.71	14.71
	Power input	kW	1.80	2.51	3.03	3.64	4.58	5.47	6.06	4.58	5.47	6.06
	COP		2.57	2.47	2.67	2.55	2.63	2.51	2.43	2.63	2.51	2.43
 Air -7°C Water 65°C	Heating capacity	kW	4.44	5.05	7.21	7.39	10.27	10.74	10.85	10.27	10.74	10.85
	Power input	kW	2.57	2.99	3.57	3.71	5.61	5.96	6.05	5.61	5.96	6.05
	COP		1.73	1.69	2.02	1.99	1.83	1.80	1.79	1.83	1.80	1.79
 Air +7°C Water 75°C	Heating capacity	kW	4.65	5.84	8.04	8.85	10.89	11.40	12.36	10.89	11.40	12.36
	Power input	kW	2.22	3.00	3.73	4.32	5.41	5.79	6.43	5.41	5.79	6.43
	COP		2.10	1.95	2.15	2.05	2.01	1.97	1.92	2.01	1.97	1.92
 Air -7°C Water 75°C	Heating capacity	kW	3.93	4.09	7.04	7.12	9.18	9.48	10.06	9.18	9.48	10.06
	Power input	kW	2.86	3.17	4.05	4.12	5.64	5.93	6.42	5.64	5.93	6.42
	COP		1.37	1.29	1.74	1.73	1.63	1.60	1.57	1.63	1.60	1.57
COOLING MODE												
 Air +35°C Water 18°C	Cooling capacity	kW	4.50	6.50	8.30	10.00	12.00	14.00	16.00	12.00	14.00	16.00
	EER		5.50	5.10	5.15	4.75	4.50	4.20	3.90	4.50	4.20	3.90
 Air +35°C Water 7°C	Cooling capacity	kW	4.70	6.80	7.50	8.90	11.50	12.70	14.00	11.50	12.70	14.00
	EER		3.65	3.10	3.45	3.25	3.05	2.90	2.75	3.05	2.90	2.75
PERFORMANCE												
Energy label (average climate)	Water outlet to 35°C		A+++				A+++					
	Water outlet to 55°C		A++				A++					
Seasonal efficiency (average climate)	Water outlet to 35°C	%	199	192	204	199	183	182	180	183	182	180
	Water outlet to 55°C	%	148	149	149	149	141	141	139	141	141	139
SCOP (average climate)	Water outlet to 35°C		5.07	4.89	5.19	5.07	4.67	4.63	4.59	4.67	4.63	4.59
	Water outlet to 55°C		3.79	3.82	3.82	3.82	3.62	3.61	3.57	3.62	3.61	3.57
Sound level		dB(A)	56	58	60	61	65	65	69	65	65	69
Sound pressure level (1m)		dB(A)	44	46	48	49	51	52	56	51	52	56
OPERATING LIMITS												
 Outdoor air temperature	Cooling	°C	-5/46				-5/46					
	Heating	°C	-25/35				-25/35					
	Domestic hot water	°C	-25/46				-25/46					
POWER SUPPLY												
Phase/Voltage/Frequentie			1P/220-240V/50Hz				1P/220-240V/50Hz			1P/220-240V/50Hz		
Power cable section	mm²		3G2.5	3G2.5	3G4	3G4	3G6	3G6	3G6	5G2.5	5G2.5	5G2.5
Fuse rating am	A		16	16	20	20	32	32	32	16	16	16
Electric backup heater built-in	kW		3				3			3/6/9		
Power cable section electric backup heater	mm²		3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	5G2.5	5G2.5	5G2.5
Fuse rating am electric backup heater	A		16	16	16	16	16	16	16	16	16	16
Remote controller connection (shielded)	mm²		2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75
INSTALLATION AND OTHERS												
Airflow	m³/h		2770		4030		4060		4650	4060		4650
Refrigerant/GWP			R290/3									
Charge	kg		0.7		1.1		1.25					
Outline dimensions (WxHxD)	mm		1295x792x429		1385x945x526		1385x945x526					
Package dimensions (WxHxD)	mm		1375x965x475		1465x1120x560		1465x1120x560					
Net weight/Gross weight	kg		98/121		121/148		144/170			160/188		
Pipe diameter (water)	inches		R1"		R1"1/4		R1"1/4					

Capacity tables

WELLEA M HT - Maximum heating capacity (without defrosting)

		LEAVING WATER TEMPERATURE (°C)													
		35		45		55		60		65		70		75	
MODELS	OUTDOOR-TEMPERATURE (°C)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)
4 kW	-25	3.19	1.71	3.10	1.84	2.87	2.00								
	-20	3.82	1.79	3.69	1.94	3.33	2.10	3.29	2.21	3.14	2.31				
	-15	4.42	1.84	4.28	2.02	3.93	2.22	3.78	2.34	3.61	2.45	3.46	2.57		
	-10	4.42	1.55	4.63	1.84	4.60	2.32	4.47	2.49	4.26	2.62	4.06	2.77	3.74	2.93
	-7	4.50	1.45	4.70	1.74	4.70	2.19	4.61	2.39	4.44	2.57	4.25	2.71	3.93	2.86
	-5	4.37	1.32	4.51	1.61	4.55	2.02	4.58	2.26	4.55	2.48	4.42	2.69	4.12	2.86
	-2	4.27	1.19	4.36	1.44	4.46	1.78	4.44	1.95	4.46	2.14	4.46	2.35	4.42	2.74
	0	4.38	1.16	4.46	1.39	4.61	1.76	4.41	1.88	4.37	2.04	4.38	2.25	4.52	2.66
	2	4.40	1.07	4.40	1.31	4.60	1.70	4.37	1.74	4.31	1.96	4.31	2.08	4.64	2.63
	5	4.33	0.94	4.50	1.21	4.48	1.48	4.56	1.63	4.51	1.86	4.50	1.96	4.50	2.28
	7	4.50	0.87	4.50	1.11	4.60	1.44	4.58	1.56	4.63	1.80	4.64	1.93	4.65	2.22
	10	4.43	0.79	4.49	1.03	4.59	1.33	4.57	1.47	4.58	1.67	4.56	1.79	4.60	2.08
	12	4.49	0.75	4.43	0.96	4.69	1.27	4.66	1.44	4.58	1.60	4.64	1.73	4.54	1.96
	15	4.49	0.72	4.44	0.93	4.83	1.27	4.79	1.41	4.60	1.57	4.66	1.72	4.66	2.01
20	4.52	0.69	4.43	0.85	4.60	1.12	4.62	1.26	4.64	1.47	4.68	1.67	4.38	1.82	
6 kW	-25	3.40	1.94	3.28	2.11	3.00	2.14								
	-20	4.24	2.01	4.08	2.20	3.66	2.34	3.60	2.55	3.44	2.66				
	-15	5.05	2.08	4.88	2.34	4.46	2.61	4.31	2.70	4.12	2.99	3.96	3.04		
	-10	5.81	2.09	5.42	2.24	5.12	2.67	5.05	2.83	4.83	3.10	4.18	3.00	3.81	3.02
	-7	5.90	2.00	5.50	2.20	5.02	2.35	5.10	2.74	5.05	2.99	4.48	3.03	4.09	3.17
	-5	5.70	1.78	5.43	2.00	5.17	2.35	5.15	2.70	4.93	2.80	4.50	2.91	4.60	3.43
	-2	5.51	1.55	5.47	1.88	5.28	2.24	5.29	2.60	5.31	2.81	5.13	3.01	4.67	3.11
	0	5.64	1.51	5.74	1.88	5.34	2.06	5.66	2.55	5.35	2.68	5.35	3.04	5.06	3.34
	2	5.60	1.44	5.80	1.87	5.80	2.19	5.44	2.32	5.41	2.61	5.44	2.97	5.17	3.27
	5	5.92	1.32	6.06	1.68	5.99	2.03	5.96	2.25	5.96	2.57	5.92	3.04	5.60	3.11
	7	6.20	1.27	6.40	1.68	6.20	2.00	6.20	2.20	6.19	2.51	6.27	2.81	5.84	3.00
	10	6.19	1.15	6.47	1.53	6.22	1.83	6.21	2.08	6.22	2.37	6.19	2.60	6.03	3.02
	12	6.24	1.08	6.35	1.40	6.20	1.73	6.18	1.99	6.20	2.25	6.18	2.49	6.12	2.89
	15	6.25	1.05	6.51	1.40	6.25	1.68	6.34	1.95	6.25	2.22	6.34	2.52	5.91	2.69
20	5.97	0.95	6.50	1.29	6.24	1.57	6.27	1.81	6.18	2.03	5.94	2.29	5.46	2.46	
8 kW	-25	4.71	2.38	4.58	2.80	4.34	3.16								
	-20	5.91	2.67	5.74	2.96	5.50	3.29	5.48	3.47	5.43	3.67				
	-15	7.25	3.02	6.54	3.05	6.27	3.49	6.21	3.63	6.15	3.84	6.16	4.03		
	-10	7.22	2.53	7.10	3.11	7.23	3.53	6.96	3.49	6.96	3.73	6.96	3.87	6.76	4.26
	-7	7.00	2.33	7.10	3.09	6.90	3.21	6.98	3.36	7.21	3.57	6.98	3.73	7.04	4.05
	-5	7.03	2.09	7.16	2.59	7.10	3.12	7.17	3.24	7.21	3.50	7.10	3.58	7.17	4.00
	-2	7.10	1.92	7.20	2.42	7.32	3.11	7.29	3.17	7.33	3.46	7.39	3.71	7.42	4.04
	0	7.12	1.87	7.29	2.44	7.32	2.90	7.44	3.15	7.45	3.40	7.46	3.63	7.47	4.01
	2	7.10	1.84	7.70	2.57	7.80	3.06	7.66	3.15	7.48	3.30	7.53	3.58	7.54	3.91
	5	7.72	1.70	7.99	2.24	7.87	2.65	7.94	2.85	8.02	3.28	8.00	3.50	7.79	3.79
	7	8.40	1.68	8.20	2.13	7.80	2.44	8.31	2.79	8.11	3.03	8.12	3.28	8.04	3.73
	10	8.45	1.51	8.27	1.91	8.00	2.26	8.04	2.43	8.06	2.78	8.11	3.06	8.12	3.24
	12	8.34	1.36	8.36	1.79	8.05	2.15	8.07	2.27	8.07	2.62	8.08	2.88	8.10	3.11
	15	8.31	1.31	8.15	1.68	7.85	2.01	7.89	2.16	7.87	2.48	8.01	2.79	8.14	3.06
20	8.26	1.18	8.10	1.52	7.78	1.83	8.01	2.02	7.96	2.38	8.06	2.63	8.02	2.90	
10 kW	-25	5.37	2.80	5.21	3.27	5.00	3.67								
	-20	6.54	2.99	6.24	3.27	6.21	3.99	5.97	3.80	6.10	4.16				
	-15	7.45	3.12	7.24	3.47	6.98	4.13	6.94	4.31	6.81	4.34	6.86	4.72		
	-10	7.60	2.70	7.45	3.34	7.34	3.64	7.10	3.61	7.40	4.03	7.11	4.06	7.14	4.51
	-7	8.00	2.81	7.60	3.38	7.40	3.52	7.12	3.51	7.39	3.71	7.01	3.76	7.12	4.12
	-5	8.00	2.49	7.64	2.90	7.67	3.52	7.46	3.46	7.60	3.72	7.20	3.67	7.26	4.07
	-2	8.02	2.26	7.65	2.75	8.01	3.59	7.46	3.36	7.87	3.75	7.39	3.71	7.81	4.28
	0	8.06	2.21	7.70	2.71	8.01	3.26	8.01	3.45	8.15	3.74	7.58	3.74	8.01	4.36
	2	8.20	2.25	8.20	2.78	8.40	3.36	8.35	3.54	8.28	3.69	8.40	4.13	8.14	4.30
	5	8.81	2.02	8.82	2.54	8.62	2.95	8.65	3.27	8.66	3.60	8.90	4.08	8.60	4.42
	7	10.00	2.13	10.00	2.74	9.50	3.11	9.27	3.28	9.26	3.64	9.23	4.00	8.85	4.32
	10	9.63	1.81	9.68	2.34	9.17	2.74	9.28	3.08	9.20	3.32	9.43	3.85	8.91	3.99
	12	9.70	1.67	9.63	2.15	9.24	2.64	9.23	2.81	9.28	3.16	9.66	3.70	9.12	3.88
	15	9.82	1.63	9.65	2.06	9.24	2.44	9.22	2.71	9.30	3.07	9.40	3.51	8.94	3.68
20	9.60	1.44	9.75	1.91	9.07	2.21	9.31	2.54	9.30	2.86	9.21	3.21	8.89	3.36	
12 kW	-25	7.00	3.73	6.64	4.08	6.35	4.44								
	-20	8.53	3.92	8.18	4.31	7.93	4.70	7.69	4.93	7.42	5.19				
	-15	10.07	4.01	9.85	4.51	9.62	4.96	9.38	5.35	8.99	5.61	8.45	5.40		
	-10	9.84	3.80	10.13	4.59	10.06	5.09	10.01	5.36	9.76	5.48	9.40	5.47	8.97	6.05
	-7	10.00	3.57	10.50	4.29	10.40	4.84	10.35	5.20	10.27	5.61	9.86	5.47	9.18	5.64
	-5	9.66	3.24	10.49	4.27	10.24	4.75	10.15	5.03	9.83	5.28	9.52	5.24	8.79	5.23
	-2	9.42	2.82	10.71	4.01	10.69	4.67	10.44	4.96	10.06	5.14	9.71	5.24	8.89	5.23
	0	9.28	2.57	11.05	3.94	10.91	4.54	10.59	4.84	9.97	4.96	9.56	5.06	8.83	5.09
	2	9.10	2.39	11.30	3.90	11.30	4.43	10.87	4.77	10.37	5.03	10.04	5.19	9.26	5.25
	5	10.77	2.34	11.84	3.30	11.86	3.96	11.76	4.38	11.77	4.91	11.62	5.32	10.51	5.33
	7	12.00	2.50	12.00	3.24	12.00	3.87	12.06	4.18	12.02	4.58	12.05	5.24	10.89	5.41
	10	12.00	2.20	11.97	2.78	12.08	3.43	12.01	3.85	12.07	4.34	11.91	4.72	11.27	5.13
	12	12.12	2.05	11.90	2.57	11.96	3.19	12.18	3.67	12.04	4.11	11.88	4.47	11.82	5.11
	15	12.06	1.90	11.83	2.41	11.92	3.06	12.03	3.48	11.88	3.88	11.88	4.20	11.73	4.73
20	11.96	1.72	11.98	2.25	11.87	2.83	11.98	3.23	11.84	3.59	11.95	4.05	11.12	4.21	
14 kW	-25	7.78	4.22	7.41	4.69	7.14	5.08								
	-20	9.38	4.45	9.02	4.87	8.78	5.28	8.54	5.55	8.14	5.75				
	-15	10.75	4.57	10.67	5.11	10.58	5.62	10.11	5.94	9.46	6.15	8.93	5.79		
	-10	11.34	4.68	10.95	5.21	10.79	5.58	10.52	5.71	10.25	5.85	9.87	5.87	9.33	6.41
	-7	11.50	4.26	11.40	4.96	11.30	5.38	11							

WELLEA M HT - Maximum heating capacity (without defrosting)

		LEAVING WATER TEMPERATURE (°C)													
		35		45		55		60		65		70		75	
MODELS	OUTDOOR-TEMPERATURE (°C)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)
16 kW	-25	8.83	5.08	8.45	5.70	8.18	6.30								
	-20	10.56	5.39	10.59	6.22	9.82	6.28	9.37	6.45	8.66	6.21				
	-15	11.96	5.37	11.60	6.11	11.19	6.26	10.45	6.24	9.67	6.36	9.17	5.99		
	-10	12.55	5.39	12.08	5.92	11.30	5.95	10.85	6.07	10.37	6.02	9.99	5.98	9.69	6.79
	-7	12.70	5.08	12.50	5.56	12.40	6.05	11.65	6.19	10.85	6.05	10.61	6.14	10.06	6.42
	-5	12.55	4.64	12.56	5.49	11.85	5.68	11.39	5.98	10.83	5.98	10.38	5.92	9.71	5.94
	-2	12.47	4.14	12.66	5.05	12.28	5.64	11.54	5.74	10.89	5.72	10.45	5.84	9.71	5.89
	0	12.80	4.03	13.17	5.01	12.91	5.70	11.91	5.72	11.29	5.83	10.45	5.73	9.68	5.79
	2	12.80	4.00	13.10	4.76	13.10	5.35	12.18	5.59	11.32	5.63	10.68	5.70	9.72	5.74
	5	14.20	3.63	14.18	4.38	14.27	5.19	14.19	5.70	13.21	5.60	12.90	6.07	11.59	6.15
	7	15.00	3.41	15.00	4.48	15.00	5.26	15.10	5.64	14.71	6.06	13.59	6.22	12.36	6.43
	10	14.94	2.97	15.01	3.73	14.99	4.49	15.00	5.11	15.00	5.75	13.71	5.61	11.91	5.68
	12	15.01	2.72	15.12	3.57	15.00	4.22	14.97	4.72	15.17	5.53	13.87	5.38	12.40	5.56
	15	15.03	2.68	15.14	3.46	14.95	4.14	15.04	4.69	15.04	5.36	14.32	5.42	12.88	5.57
	20	15.00	2.46	15.01	3.25	14.72	3.88	14.03	4.18	13.09	4.27	13.14	4.60	11.12	4.21

WELLEA M HT - Maximum cooling capacity

		LEAVING WATER TEMPERATURE (°C)													
		5		7		10		15		18		20		25	
MODELS	OUTDOOR-TEMPERATURE (°C)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)
4 kW	20	4.53	0.82	4.74	0.80	4.59	0.72	4.49	0.59	4.52	0.52	4.51	0.47	4.66	0.46
	25	4.69	1.00	4.72	0.93	4.58	0.84	4.50	0.68	4.42	0.61	4.56	0.54	4.42	0.50
	30	4.68	1.15	4.73	1.07	4.62	0.98	4.56	0.79	4.50	0.71	4.52	0.64	4.46	0.55
	35	4.68	1.33	4.70	1.29	4.59	1.11	4.57	0.93	4.50	0.82	4.54	0.77	4.53	0.65
	40	4.70	1.56	4.71	1.45	4.59	1.28	4.54	1.06	4.52	0.95	4.44	0.88	4.45	0.74
	43	4.66	1.69	4.68	1.59	4.67	1.42	4.58	1.17	4.48	1.02	4.54	0.99	4.56	0.84
6 kW	46	4.49	1.76	4.79	1.80	4.65	1.55	4.62	1.29	4.55	1.14	4.50	1.05	4.57	0.90
	20	5.54	1.08	5.90	1.08	6.47	1.09	6.49	0.89	6.47	0.79	6.45	0.71	6.51	0.68
	25	6.10	1.45	6.50	1.44	6.64	1.36	6.50	1.08	6.44	0.93	6.47	0.82	6.55	0.78
	30	6.75	1.94	6.75	1.79	6.75	1.62	6.57	1.28	6.49	1.13	6.48	0.99	6.45	0.82
	35	6.77	2.30	6.80	2.19	6.65	1.86	6.52	1.48	6.50	1.27	6.45	1.20	6.46	1.00
	40	5.44	1.95	5.82	1.98	6.40	2.02	6.58	1.78	6.45	1.49	6.42	1.40	6.41	1.15
8 kW	43	4.86	1.80	5.19	1.84	5.70	1.89	6.51	1.96	6.43	1.62	6.51	1.59	6.45	1.29
	46	4.49	1.76	4.79	1.80	5.27	1.83	6.14	1.93	6.50	1.87	6.19	1.64	6.20	1.36
	20	6.82	1.32	7.24	1.31	7.71	1.26	8.08	1.20	8.30	1.11	8.22	0.98	8.27	0.83
	25	7.29	1.71	7.44	1.61	7.67	1.46	8.04	1.30	8.33	1.19	8.36	1.13	8.29	0.92
	30	7.48	2.06	7.48	1.87	7.62	1.69	8.01	1.54	8.30	1.37	8.21	1.17	8.37	1.00
	35	7.44	2.41	7.50	2.17	7.67	2.03	8.03	1.75	8.30	1.61	8.24	1.49	8.32	1.17
10 kW	40	6.76	2.44	7.23	2.48	7.64	2.39	8.10	2.12	8.33	1.94	8.23	1.78	8.22	1.38
	43	6.18	2.35	6.60	2.39	7.26	2.45	8.03	2.33	8.28	2.15	8.20	1.95	8.25	1.56
	46	5.26	2.06	5.63	2.10	6.20	2.14	8.08	2.60	7.96	2.26	8.29	2.23	8.37	1.81
	20	7.23	1.45	7.72	1.46	8.49	1.46	9.61	1.52	9.90	1.43	9.89	1.23	9.92	1.04
	25	7.81	1.91	8.33	1.93	9.15	1.96	9.67	1.68	9.89	1.52	10.03	1.43	10.05	1.18
	30	8.20	2.40	8.73	2.44	9.21	2.37	9.68	1.99	9.99	1.82	9.97	1.48	10.03	1.26
12 kW	35	8.23	2.86	8.76	2.91	9.20	2.79	9.67	2.41	10.00	2.11	9.94	1.93	9.87	1.49
	40	6.76	2.44	7.23	2.48	7.95	2.54	9.25	2.65	9.98	2.65	9.95	2.39	10.00	1.85
	43	6.18	2.35	6.60	2.39	7.26	2.45	8.49	2.55	9.28	2.61	9.89	2.62	9.95	2.07
	46	5.26	2.06	5.63	2.10	6.20	2.14	8.08	2.60	7.96	2.26	8.43	2.29	9.70	2.46
	20	9.82	1.99	10.46	1.99	11.49	2.00	11.85	1.65	11.92	1.41	11.80	1.30	11.90	1.16
	25	10.63	2.68	11.32	2.71	11.69	2.47	11.86	1.97	11.90	1.77	11.78	1.55	11.81	1.39
14 kW	30	11.13	3.39	11.56	3.29	11.71	2.91	11.83	2.31	11.96	2.12	11.95	1.84	12.02	1.62
	35	11.25	4.03	11.50	3.77	11.63	3.39	11.84	2.84	12.00	2.67	12.07	2.27	12.01	1.79
	40	9.88	3.86	10.57	3.91	10.57	3.50	12.01	3.46	12.01	3.08	12.05	2.79	12.15	2.21
	43	8.60	3.51	9.13	3.58	10.04	3.66	11.58	3.80	12.09	3.66	12.05	3.09	12.02	2.64
	46	6.64	2.88	7.08	2.93	7.80	2.99	9.05	3.08	9.88	3.14	10.46	3.17	11.54	3.15
	20	10.32	2.16	11.00	2.17	12.07	2.18	13.58	2.06	14.08	1.86	14.13	1.74	13.91	1.46
16 kW	25	11.21	2.96	11.93	2.99	13.07	3.04	13.59	2.50	14.15	2.31	13.96	2.03	13.91	1.75
	30	11.92	3.83	12.67	3.89	13.11	3.59	13.63	2.97	13.99	2.70	14.12	2.40	14.09	2.03
	35	11.98	4.52	12.70	4.38	13.05	4.21	13.61	3.59	14.00	3.33	14.06	2.99	14.16	2.36
	40	9.88	3.86	10.57	3.91	11.55	4.12	13.31	4.17	14.13	4.00	14.08	3.75	14.05	2.89
	43	8.60	3.51	9.13	3.58	10.04	3.66	11.58	3.80	12.60	3.88	13.31	3.94	14.07	3.52
	46	6.64	2.88	7.08	2.93	7.80	2.99	9.05	3.08	9.88	3.14	10.46	3.17	11.54	3.15
18 kW	20	11.22	2.45	11.95	2.47	13.12	2.49	15.19	2.49	16.12	2.37	16.06	2.20	16.08	1.79
	25	12.16	3.36	12.93	3.40	14.16	3.46	15.43	3.16	16.04	2.88	16.30	2.63	16.17	2.20
	30	13.12	4.44	13.94	4.52	14.50	4.20	15.43	3.66	16.00	3.39	16.17	3.06	16.15	2.57
	35	13.41	5.26	14.00	5.09	14.61	5.06	15.45	4.41	16.00	4.10	16.06	3.74	16.09	2.92
	40	10.48	4.17	11.13	4.26	12.23	4.48	14.12	4.50	15.34	4.59	16.05	4.77	16.06	3.61
	43	9.13	3.82	9.71	3.89	10.67	3.97	12.33	4.12	13.42	4.33	14.18	4.26	15.34	4.17
20 kW	46	7.02	3.08	7.48	3.15	8.24	3.23	9.56	3.31	10.43	3.49	10.97	3.41	12.06	3.53

+ PRODUCT

- RCW30 remote control included
- Stainless steel hot water tank included (190L or 240L)
- Refrigerant connections, no need for antifreeze protection
- Wide power range, and water output up to 60°C: ideal for new and renovated installation
- 3 kW electric back-up included

Connectivity



FEATURES



BLUE FIN TREATMENT



PROGRAMMABLE TIMER



WEEKLY TIMER



REMOTE CONTROL LOCK



COOLING MODE OPERATIONAL UP TO 43°C OUTDOOR



HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOOR



UNIT ON/OFF OUTPUT



MEDIUM TEMPERATURE UP TO 60°C



DOMESTIC HOT WATER



FLOOR HEATING/COOLING



LOW-TEMPERATURE RADIATOR



BOILER REPLACEMENT



BOILER BACK-UP



TEMPERATURE LOCK



MODE LOCK



WI-FI



FAN COIL



WATER PROGRAM

WELLEA WT MT

Split heat pump with tank DHW included



HEATING A+++



FLUID R32



WELLEA WT MT with DHW tank included



RCW30 included



WELLEA ODU 4-6 kW



WELLEA ODU 8-16 kW

+ "SUSTAINABLE DEVELOPMENT"

- Stainless steel tank: reinforced durability.
- Energy saving thanks to A+++ energy class.
- Cut your bills: COP up to 5,20.

+ "USER"

- Space saving, a product able to manage all your needs.
- Saves on heating elements thanks to the 60°C water temperature.
- Heat pump remote-controlled thanks to AirHome connectivity (as standard).

+ "INSTALLER"

- Customisable water program.
- ZERO concept option: 2-area control, dual-purpose control, Smart Grid contact, and more as standard.
- Triple-service product: Heating / Cooling / Domestic hot water.
- Space-saving, top-mounted hydraulic connections.
- Backup of your settings via USB.

+ "TECHNOLOGY"

- Ultra-quiet model: 30 dB(A) at 5 m⁽¹⁾.
- Works down to an outdoor of -25°C.
- HP Keymark certified, guaranteed performance.

(1) Acoustic pressure of 4 kW model, free field directivity 1.

TECHNICAL DATA

OUTDOOR UNIT			AW-YHPSA04-H91	AW-YHPSA06-H91	AW-YHPSA08-H91	AW-YHPSA10-H91	AW-YHPSA12-H91	AW-YHPSA14-H91	AW-YHPSA16-H91	AW-YHPSA12-H93	AW-YHPSA14-H93	AW-YHPSA16-H93
Part number			7HP061065	7HP061066	7HP061067	7HP061068	7HP061069	7HP061070	7HP061071	7HP061072	7HP061073	7HP061074
Phase			Single-phase		Single-phase	Single-phase	Single-phase	Single-phase		Three-phase		
HEATING MODE												
Air +7°C Water 30/35°C	Heating capacity	kW	4.25	6.20	8.30	10.00	12.10	14.50	16.00	12.10	14.50	16.00
	Power input	kW	0.82	1.24	1.60	2.00	2.44	3.09	3.56	2.44	3.09	3.56
	COP		5.20	5.00	5.20	5.00	4.95	4.70	4.50	4.95	4.70	4.50
Air -7°C Water 30/35°C	Heating capacity	kW	4.80	6.10	7.10	8.25	10.00	12.00	13.30	10.00	12.00	13.30
	Power input	kW	1.52	2.00	2.18	2.62	3.33	4.29	4.93	3.33	4.29	4.93
	COP		3.15	3.05	3.25	3.15	3.00	2.80	2.70	3.00	2.80	2.70
Air +7°C Water 47/55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	12.00	13.80	16.00	12.00	13.80	16.00
	Power input	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP		2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00	2.90
Air -7°C Water 47/55°C	Heating capacity	kW	4.00	5.15	6.15	7.05	10.60	11.30	12.60	10.60	11.30	12.60
	Power input	kW	2.05	2.58	3.00	3.53	5.25	5.46	6.29	5.25	5.46	6.29
	COP		1.95	2.00	2.05	1.97	2.02	2.01	2.00	2.02	2.01	2.00
COOLING MODE												
Air 35°C Water 12/7°C	Cooling capacity	kW	4.70	7.00	7.40	8.20	11.60	12.70	14.00	11.60	12.70	14.00
	Power input	kW	1.36	2.33	2.19	2.48	4.22	4.98	5.71	4.22	4.98	5.71
	EER		3.45	3.00	3.38	3.30	2.75	2.55	2.45	2.75	2.55	2.45
Air 35°C Water 23/18°C	Cooling capacity	kW	4.50	6.55	8.40	10.00	12.00	13.50	14.90	12.00	13.50	14.90
	Power input	kW	0.81	1.34	1.66	2.08	3.00	3.75	4.38	3.00	3.75	4.38
	EER		5.55	4.90	5.05	4.80	4.00	3.60	3.40	4.00	3.60	3.40
PERFORMANCE												
Energy label (average climate)	Water outlet to 35°C		A+++				A+++					
	Water outlet to 55°C		A++				A++					
Seasonal efficiency (average climate)	Water outlet to 35°C	%	191	195	205	205	189	186	182	189	186	182
	Water outlet to 55°C	%	130	138	132	137	135	136	133	135	136	133
SCOP (average climate)	Water outlet to 35°C		4.85	4.95	5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62
	Water outlet to 55°C		3.31	3.52	3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41
Sound level		dB(A)	56	58	59	60	64	65	68	64	65	68
Sound pressure level (1m)		dB(A)	44	45	46	49	50	51	55	50	51	55
OPERATING LIMITS												
Outdoor air temperature	Cooling	°C	-5/43				-5/43					
	Heating	°C	-25/35				-25/35					
	Domestic hot water	°C	-25/43				-25/43					
POWER SUPPLY												
Phase/Voltage/Frequency			1P/220-240V/50Hz				1P/220-240V/50Hz		3P/380-415V/50Hz			
Power cable section		mm²	3G2.5		3G2.5		3G4	3G6	3G6	5G2.5	5G2.5	5G2.5
Fuse rating am		A	16		20		25	32	32	16	16	16
Electrical connections in/out (shielded)		mm²	2x1.5		2x1.5		2x1.5	2x1.5	2x1.5	2x1.5	2x1.5	2x1.5
INSTALLATION AND OTHERS												
Airflow		m³/h	2770		4030		4060		4650	4060		4650
Refrigerant/GWP			R32/675				R32/675					
Charge (15m)		kg	1.50		1.65		1.84					
Additionnal charge		g/m	20		38		38					
Outline dimensions (WxHxD)		mm	1008x712x426		1118x865x523		1118x865x523					
Package dimensions (WxHxD)		mm	1065x800x485		1180x890x560		1180x890x560					
Net weight/Gross weight		kg	58/64		77/88		96/110		112/125			
Pipe diameter (liquid - gas)		inches	1/4" - 5/8"		3/8" - 5/8"				3/8" - 5/8"			

INDOOR UNIT		ODMA-100T-09M22-19	ODMA-100T-09M22-25	ODMA-100T-09M22-19	ODMA-100T-09M22-25	ODMA-100T-09M22-19	ODMA-100T-09M22-25	ODMA-100T-09M22-19	ODMA-100T-09M22-25	ODMA-160T-09M22-25					
Part number		7SPI30001	7SPI30002	7SPI30001	7SPI30002	7SPI30001	7SPI30002	7SPI30001	7SPI30002	7SPI30003					
COMPATIBLE OUTDOOR UNIT		AW-YHPSA04-H91	AW-YHPSA06-H91	AW-YHPSA08-H91	AW-YHPSA10-H91	AW-YHPSA04-H91	AW-YHPSA06-H91	AW-YHPSA08-H91	AW-YHPSA10-H91	AW-YHPSA12-H91	AW-YHPSA14-H91	AW-YHPSA16-H91	AW-YHPSA12-H93	AW-YHPSA14-H93	AW-YHPSA16-H93
Phase		Single-phase				Single-phase				Single-phase					
TANK															
Volume	l	190				240				240					
Electric backup heater	kW	3				3				3					
PERFORMANCE EN16147 (AVERAGE CLIMATE)															
DHW profile		L				XL				XL					
DHW energy label (average climate)		A+				A+				A+					
DHW seasonal efficiency (average climate)	%	127				136				123					
DHW COP		3.10				3.34				3.00					
Sound level	dB(A)	42				42				43					
Sound pressure level (1m)	dB(A)	30				30				32					
POWER SUPPLY															
Phase/Voltage/Frequency		1P/220-240V/50Hz				1P/220-240V/50Hz				1P/220-240V/50Hz					
Electric backup heater	kW	3.00				3.00				3.00					
Power cable section (electric back-up integrated)	mm²	3G2.5				3G2.5				3G2.5					
Fuse rating am (electric back-up integrated)	A	16				16				16					
INSTALLATION AND OTHERS															
Water pipe diameter	inches	R1				R1				R1					
DHW pipe diameter	inches	R3/4				R3/4				R3/4					
Outline dimensions (WxHxD)	mm	600x1683x600				600x1943x600				600x1943x600					
Package dimensions (WxHxD)	mm	653x1900x653				653x2160x653				653x2160x653					
Net weight/Gross weight	kg	140/161				157/178				159/180					

+ PRODUCT

- RCW30 remote control included
- Refrigerant connections, no need for antifreeze protection
- Wide power range, and water output up to 60°C: ideal for new and renovated installation
- 3 kW or 9 kW electric back-up included⁽²⁾

Connectivity



FEATURES



BLUE FIN TREATMENT



PROGRAMMABLE TIMER



WEEKLY TIMER



REMOTE CONTROL LOCK



COOLING MODE OPERATIONAL UP TO 43°C OUTDOOR



HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOOR



UNIT ON/OFF OUTPUT



MEDIUM TEMPERATURE UP TO 60°C



FLOOR HEATING/COOLING



LOW-TEMPERATURE RADIATOR



BOILER REPLACEMENT



BOILER BACK-UP



TEMPERATURE LOCK



MODE LOCK



WI-FI



FAN COIL



WATER PROGRAM

WELLEA S MT

Split heat pump



HEATING A+++



FLUID R32



RCW30 included



WELLEA S MT indoor unit



WELLEA ODU 4-6 kW



WELLEA ODU 8-16 kW

+ “SUSTAINABLE DEVELOPMENT”

- Energy saving thanks to A+++ energy class.
- Cut your bills: COP up to 5,20.

+ “USER”

- Ideal for replacing a gas or fuel oil boiler.
- Saves on heating elements thanks to the 60°C water temperature.
- Heat pump remote-controlled thanks to AirHome connectivity (as standard).

+ “INSTALLER”

- Cascade management up to 6 units.
- Customisable water program.
- ZERO concept option: 2-area control, dual-purpose control, Smart Grid contact, and more as standard.
- Modular product: heating / cooling / domestic hot water (with accessories).
- Backup of your settings via USB.

+ “TECHNOLOGY”

- Ultra-quiet model: 30 dB(A) at 5 m⁽¹⁾.
- Works down to an outdoor of -25°C.
- HP Keymark certified, guaranteed performance.

(1) Acoustic pressure of 4 kW model, free field directivity 1.

(2) Depending on model.

TECHNICAL DATA

OUTDOOR UNIT	AW-YHPSA04-H91	AW-YHPSA06-H91	AW-YHPSA08-H91	AW-YHPSA10-H91	AW-YHPSA12-H91	AW-YHPSA14-H91	AW-YHPSA16-H91	AW-YHPSA12-H93	AW-YHPSA14-H93	AW-YHPSA16-H93
Part number	7HP061065	7HP061066	7HP061067	7HP061068	7HP061069	7HP061070	7HP061071	7HP061072	7HP061073	7HP061074
Phase	Single-phase				Single-phase			Three-phase		

HEATING MODE

Air +7°C Water 30/35°C	Heating capacity	kW	4.25	6.20	8.30	10.00	12.10	14.50	16.00	12.10	14.50	16.00
	Power input	kW	0.82	1.24	1.60	2.00	2.44	3.09	3.56	2.44	3.09	3.56
	COP		5.20	5.00	5.20	5.00	4.95	4.70	4.50	4.95	4.70	4.50
Air -7°C Water 30/35°C	Heating capacity	kW	4.80	6.10	7.10	8.25	10.00	12.00	13.30	10.00	12.00	13.30
	Power input	kW	1.52	2.00	2.18	2.62	3.33	4.29	4.93	3.33	4.29	4.93
	COP		3.15	3.05	3.25	3.15	3.00	2.80	2.70	3.00	2.80	2.70
Air +7°C Water 47/55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	12.00	13.80	16.00	12.00	13.80	16.00
	Power input	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP		2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00	2.90
Air -7°C Water 47/55°C	Heating capacity	kW	4.00	5.15	6.15	7.05	10.60	11.30	12.60	10.60	11.30	12.60
	Power input	kW	2.05	2.58	3.00	3.53	5.25	5.46	6.29	5.25	5.46	6.29
	COP		1.95	2.00	2.05	1.97	2.02	2.01	2.00	2.02	2.01	2.00

COOLING MODE

Air 35°C Water 12/7°C	Cooling capacity	kW	4.70	7.00	7.40	8.20	11.60	12.70	14.00	11.60	12.70	14.00
	Power input	kW	1.36	2.33	2.19	2.48	4.22	4.98	5.71	4.22	4.98	5.71
	EER		3.45	3.00	3.38	3.30	2.75	2.55	2.45	2.75	2.55	2.45
Air 35°C Water 23/18°C	Cooling capacity	kW	4.50	6.55	8.40	10.00	12.00	13.50	14.90	12.00	13.50	14.90
	Power input	kW	0.81	1.34	1.66	2.08	3.00	3.75	4.38	3.00	3.75	4.38
	EER		5.55	4.90	5.05	4.80	4.00	3.60	3.40	4.00	3.60	3.40

PERFORMANCE

Energy label (average climate)	Water outlet to 35°C		A+++				A+++					
	Water outlet to 55°C		A++				A++					
Seasonal efficiency (average climate)	Water outlet to 35°C	%	191	195	205	205	189	186	182	189	186	182
	Water outlet to 55°C	%	130	138	132	137	135	136	133	135	136	133
SCOP (average climate)	Water outlet to 35°C		4.85	4.95	5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62
	Water outlet to 55°C		3.31	3.52	3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41
Sound level		dB(A)	56	58	59	60	64	65	68	64	65	68
Sound pressure level at 1m		dB(A)	44	45	46	49	50	51	55	50	51	55

OPERATING LIMITS

Outdoor air temperature	Cooling	°C	-5/43				-5/43					
	Heating	°C	-25/35				-25/35					
	DHW	°C	-25/43				-25/43					

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz			
Power cable section	mm ²	3G2.5		3G2.5		3G4	3G6	3G6	5G2.5	5G2.5	5G2.5	
Fuse rating am	A	16		20		25	32	32	16	16	16	
Electrical connections in/out (shielded)	mm ²	2x1.5		2x1.5		2x1.5	2x1.5	2x1.5	2x1.5	2x1.5	2x1.5	

INSTALLATION AND OTHERS

Airflow	m³/h	2770	4030	4060	4650	4060	4650
Refrigerant/GWP		R32/675		R32/675			
Charge (15m)	kg	1.50	1.65	1.84			
Additional charge	g/m	20	38	38			
Outline dimensions (WxHxD)	mm	1008x712x426	1118x865x523	1118x865x523			
Package dimensions (WxHxD)	mm	1065x800x485	1180x890x560	1180x890x560			
Net weight/Gross weight	kg	58/64	77/88	96/110		112/125	
Pipe diameter (liquid - gas)	inches	1/4" - 5/8"	3/8" - 5/8"	3/8" - 5/8"			

INDOOR UNIT	AW-WHPSA0406-N91	AW-WHPSA0810-N91	AW-WHPSA1216-N91	AW-WHPSA1216-N93
Part number	7HP010015	7HP010016	7HP010017	7HP010018
Phase	Single-phase		Single-phase	

PERFORMANCE

Sound level	dB(A)	38	42	43	43
Sound pressure level (1m)		28	30	32	32

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz		1P/220-240V/50Hz		3P/380-415V/50Hz	
Electric backup heater built-in	kW	3		3		3/6/9	
Power cable section (electric back-up integrated)	mm ²	3G2.5		3G2.5		5G2.5	
Fuse rating am (electric back-up integrated)	A	16		16		16	

INSTALLATION AND OTHERS

Water pipe diameter	inches	R1		R1	
Outline dimensions (WxHxD)	mm	420x790x270		420x790x270	
Package dimensions (WxHxD)	mm	525x1050x360		525x1050x360	
Net weight/Gross weight	kg	43/49		45/51	

+ PRODUCT

- RCW30 remote control included
- Wide power range, and water output up to 60°C: ideal for new and renovated installation
- 3 kW or 9 kW electric back-up included⁽²⁾

Connectivity



FEATURES



BLUE FIN TREATMENT



PROGRAMMABLE TIMER



WEEKLY TIMER



COOLING MODE OPERATIONAL UP TO 43°C OUTDOOR



HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOOR



MEDIUM TEMPERATURE UP TO 60°C



FLOOR HEATING/COOLING



LOW-TEMPERATURE RADIATOR



BOILER REPLACEMENT



BOILER BACK-UP



QUIET MODE



TEMPERATURE LOCK



MODE LOCK



Wi-Fi



FAN COIL



WATER PROGRAM

WELLEA M MT

Monoblock heat pump



HEATING A+++



FLUID R32



SG Ready



RCW30 included



4-6 kW



8-16 kW

+ “SUSTAINABLE DEVELOPMENT”

- Energy saving thanks to A+++ energy class.
- Cut your bills: COP up to 5,10.

+ “USER”

- Ideal for replacing a gas or fuel oil boiler.
- Saves on heating elements thanks to the 60°C water temperature.
- Heat pump remote-controlled thanks to AirHome connectivity (as standard).

+ “INSTALLER”

- Cascade management up to 6 units.
- Customisable water program.
- ZERO concept option: 2-area control, dual-purpose control, Smart Grid contact, and more as standard.
- Modular product: heating / cooling / domestic hot water (with accessories).
- Backup of your settings via USB.

+ “TECHNOLOGY”

- Ultra-quiet model: 30 dB(A) at 5 m⁽¹⁾.
- Works down to an outdoor of -25°C.
- HP Keymark certified, guaranteed performance.

(1) Acoustic pressure of 4 kW model, free field directivity 1.

(2) Depending on model.

TECHNICAL DATA

OUTDOOR UNIT	AW-WHPMA 04-H91	AW-WHPMA 06-H91	AW-WHPMA 08-H91	AW-WHPMA 10-H91	AW-WHPMA 12-H91	AW-WHPMA 14-H91	AW-WHPMA 16-H91	AW-WHPMA 12-H93	AW-WHPMA 14-H93	AW-WHPMA 16-H93
Part number	7HP061075	7HP061076	7HP061077	7HP061078	7HP061079	7HP061080	7HP061081	7HP061082	7HP061083	7HP061084
Phase	Single-phase				Single-phase			Three-phase		

HEATING MODE

Air +7°C Water 30/35°C	Heating capacity	kW	4.20	6.35	8.40	10.00	12.10	14.50	15.90	12.10	14.50	15.90
	Power input	kW	0.82	1.28	1.63	2.02	2.44	3.15	3.53	2.44	3.15	3.53
	COP		5.10	4.95	5.15	4.95	4.95	4.60	4.50	4.95	4.60	4.50
Air -7°C Water 30/35°C	Heating capacity	kW	4.70	6.00	7.00	8.00	10.00	12.00	13.10	10.00	12.00	13.10
	Power input	kW	1.52	2.00	2.19	2.62	3.33	4.21	4.85	3.33	4.21	4.85
	COP		3.10	3.00	3.20	3.05	3.00	2.85	2.70	3.00	2.85	2.70
Air +7°C Water 47/55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	12.00	13.80	16.00	12.00	13.80	16.00
	Power input	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP		2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00	2.90
Air -7°C Water 47/55°C	Heating capacity	kW	4.00	5.15	6.15	7.05	10.60	11.30	12.60	10.60	11.30	12.60
	Power input	kW	2.05	2.58	3.00	3.53	5.25	5.46	6.29	5.25	5.46	6.29
	COP		1.95	2.00	2.05	1.97	2.02	2.01	2.00	2.02	2.01	2.00

COOLING MODE

Air 35°C Water 12/7°C	Cooling capacity	kW	4.70	7.00	7.45	8.20	11.50	12.40	14.00	11.50	12.40	14.00
	Power input	kW	1.36	2.33	2.22	2.52	4.18	4.96	5.60	4.18	4.96	5.60
	EER		3.45	3.00	3.35	3.25	2.75	2.50	2.50	2.75	2.50	2.50
Air 35°C Water 23/18°C	Cooling capacity	kW	4.50	6.50	8.30	9.90	12.00	13.50	14.90	12.00	13.50	14.90
	Power input	kW	0.82	1.35	1.64	2.18	3.04	3.75	4.38	3.04	3.75	4.38
	EER		5.50	4.80	5.05	4.55	3.95	3.60	3.40	3.95	3.60	3.40

PERFORMANCE

Energy label (average climate)	Water outlet to 35°C		A+++				A+++					
	Water outlet to 55°C		A++				A++					
Seasonal efficiency (average climate)	Water outlet to 35°C	%	191	195	205	205	189	186	182	189	186	182
	Water outlet to 55°C	%	130	138	132	137	135	136	133	135	136	133
SCOP (average climate)	Water outlet to 35°C		4.85	4.95	5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62
	Water outlet to 55°C		3.31	3.52	3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41
Sound level		dB(A)	55	58	59	60	65	65	68	65	65	68
Sound pressure level at 1m		dB(A)	45	48	49	51	53	54	58	54	54	58

OPERATING LIMITS

Outdoor air temperature	Cooling	°C	-5/43				-5/43					
	Heating	°C	-25/35				-25/35					
	DHW	°C	-25/43				-25/43					

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz		
Electric backup heater d'appoint	kW	0		3		3			3/6/9		
Power cable section (electric back-up integrated)	mm²	3G2.5	3G2.5	3G6	3G6	3G10	3G10	3G10	5G4	5G4	5G4
Fuse rating am (electric back-up integrated)	A	16	16	32	32	40	40	40	25	25	25

INSTALLATION AND OTHERS

Airflow	m³/h	2770	4030	4060	4650	4060	4650
Refrigerant/GWP		R32/675		R32/675			
Charge	kg	1.40	1.40	1.75			
Outline dimensions (WxHxD)	mm	1295x792x429	1385x945x526	1385x945x526			
Package dimensions (WxHxD)	mm	1375x965x475	1465x1120x560	1465x1120x560			
Net weight/Gross weight	kg	98/121	121/148	144/170		160/188	
Water inlet/outlet diameter	inches	R 1"	R 1 1/4	R 1 1/4		R 1 1/4	

+ PRODUCT

- RCW30 remote control included
- Wide power range, and water output up to 60°C: ideal for new installation
- Cascade management up to 6 units.

Connectivity



FEATURES



BLUE FIN TREATMENT



PROGRAMMABLE TIMER



WEEKLY TIMER



COOLING MODE OPERATIONAL UP TO 46°C OUTDOOR



HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOOR



MEDIUM TEMPERATURE UP TO 60°C



FLOOR HEATING/COOLING



LOW-TEMPERATURE RADIATOR



BOILER REPLACEMENT



BOILER BACK-UP



QUIET MODE



TEMPERATURE LOCK



MODE LOCK



Wi-Fi



FAN COIL



WATER PROGRAM

WELLEA M DF MT

Monoblock heat pump



HEATING A+++



FLUID R32



18-30 kW



RCW30 included

+ “SUSTAINABLE DEVELOPMENT”

- Energy saving thanks to A+++ energy class.
- Cut your bills: COP up to 4,63.

+ “USER”

- Ideal for replacing a gas or fuel oil boiler.
- Saves on heating elements thanks to the 60°C water temperature.
- Heat pump remote-controlled thanks to AirHome connectivity (as standard).

+ “INSTALLER”

- Customisable water program.
- ZERO concept option: 2-area control, dual-purpose control, Smart Grid contact, and more as standard.
- Modular product: heating / cooling / domestic hot water (with accessories).
- Backup of your settings via USB.

+ “TECHNOLOGY”

- Works down to an outdoor of -25°C.
- HP Keymark certified, guaranteed performance.

(1) Acoustic pressure of 4 kW model, free field directivity 1.

TECHNICAL DATA

OUTDOOR UNIT	AW-WHPMA18-H93	AW-WHPMA22-H93	AW-WHPMA26-H93	AW-WHPMA30-H93
Part number	7HP061085	7HP061086	7HP061087	7HP061088
Phase	Three-phase			

HEATING MODE

Air +7°C Water 30/35°C	Heating capacity	kW	18.30	22.30	26.30	29.93
	Power input	kW	3.96	5.13	6.50	8.02
	COP		4.63	4.35	4.05	3.73
Air -7°C Water 30/35°C	Heating capacity	kW	18.00	21.00	22.00	23.00
	Power input	kW	6.67	8.08	8.80	9.39
	COP		2.70	2.60	2.50	2.45
Air +7°C Water 47/55°C	Heating capacity	kW	18.10	22.10	26.06	29.68
	Power input	kW	6.63	8.33	10.72	12.97
	COP		2.73	2.65	2.43	2.29
Air -7°C Water 47/55°C	Heating capacity	kW	10.70	13.50	16.70	22.30
	Power input	kW	8.78	10.40	12.20	14.10
	COP		1.22	1.30	1.37	1.58

COOLING MODE

Air 35°C Water 12/7°C	Cooling capacity	kW	17.00	21.00	26.00	29.50
	Power input	kW	5.57	7.12	9.63	11.57
	EER		3.05	2.95	2.70	2.55
Air 35°C Water 23/18°C	Cooling capacity	kW	18.50	23.00	27.00	31.00
	Power input	kW	3.90	5.00	6.28	7.75
	EER		4.75	4.60	4.30	4.00

PERFORMANCE

Energy label (average climate)	Water outlet to 35°C		A+++			A++
	Water outlet to 55°C		A++			A+
Seasonal efficiency (average climate)	Water outlet to 35°C	%	181	178	177	165
	Water outlet to 55°C	%	125	126	123	123
SCOP (average climate)	Water outlet to 35°C		4.60	4.53	4.50	4.19
	Water outlet to 55°C		3.21	3.22	3.14	3.14
Sound level		dB(A)	71	73	75	77
Sound pressure level at 1m		dB(A)	58	60	62	64

OPERATING LIMITS

Outdoor air temperature	Cooling	°C	-5/46			
	Heating	°C	-25/35			
	DHW	°C	-25/43			

POWER SUPPLY

Phase/Voltage/Frequency		3P/380-415V/50Hz			
Power cable section	mm ²	5G4	5G4	5G6	5G6
Fuse rating am	A	25	25	32	32

INSTALLATION AND OTHERS

Airflow	m³/h	10650	11200
Refrigerant/GWP		R32/675	
Charge	kg	5	
Outline dimensions (WxHxD)	mm	1129x1558x440	
Package dimensions (WxHxD)	mm	1220x1735x565	
Net weight/Gross weight	kg	177/206	
Water inlet/outlet diameter	inches	R1-1/4"	

Capacity tables

**WELLEA WT MT, S MT, M MT & M DF MT - Maximum heating capacity
(without defrosting)**

MODEL	OUTDOOR-TEMPERATURE (°C)	LEAVING WATER TEMPERATURE (°C)													
		35		40		45		50		55		60		65	
		HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)
4kW	-25	1.71	1.32	1.53	1.30	1.37	1.25								
	-20	2.44	1.70	2.17	1.74	1.98	1.75	1.85	1.75	1.56	1.59				
	-15	3.25	1.36	2.93	1.49	2.50	1.60	2.20	1.68	1.84	1.56	1.73	1.68		
	-10	4.14	1.45	4.02	1.65	3.59	1.77	3.28	1.81	2.63	1.68	2.81	1.80		
	-7	4.99	1.65	4.67	1.73	4.54	1.98	4.41	2.12	4.28	2.34	3.56	1.94		
	-5	5.02	1.53	4.74	1.68	4.63	1.89	4.56	2.02	4.41	2.26	3.83	2.00		
	-2	4.91	1.41	4.70	1.58	4.77	1.80	4.74	2.01	4.72	2.20	4.10	2.06		
	0	5.10	1.36	4.92	1.55	5.04	1.74	5.02	2.03	5.13	2.16	4.40	2.10		
	2	5.28	1.36	5.18	1.55	5.25	1.77	5.19	2.06	5.26	2.17	4.59	2.16		
	5	5.68	1.31	5.59	1.48	5.60	1.71	5.50	1.98	5.54	2.07	4.90	2.09	4.04	2.16
	7	6.26	1.26	6.26	1.42	5.96	1.63	5.69	1.83	5.74	2.03	5.41	2.08	4.27	2.09
	10	6.07	1.16	5.91	1.28	6.05	1.55	5.80	1.71	5.70	1.80	5.27	1.96	4.49	2.02
	12	5.93	1.10	5.98	1.23	6.15	1.51	5.76	1.63	5.69	1.73	5.17	1.86	4.70	1.96
	15	5.75	1.03	6.00	1.19	6.20	1.47	5.67	1.55	5.63	1.65	5.04	1.76	4.87	1.90
6kW	20	5.77	0.98	6.08	1.11	6.12	1.31	5.72	1.43	5.52	1.50	4.77	1.56		
	-25	2.14	1.67	1.91	1.64	1.71	1.57								
	-20	2.88	2.03	2.56	2.08	2.33	2.08	2.19	2.04	1.84	1.86				
	-15	4.00	1.71	3.61	1.87	3.08	2.01	2.70	2.02	2.26	1.88	2.13	2.02		
	-10	5.11	1.99	4.83	2.18	4.64	2.24	4.13	2.41	3.80	2.24	3.32	2.30		
	-7	6.21	2.17	5.79	2.32	5.57	2.38	5.29	2.63	5.22	2.66	4.57	2.61		
	-5	6.25	2.02	5.97	2.18	5.84	2.30	5.44	2.44	5.31	2.64	4.73	2.59		
	-2	6.11	1.80	6.07	2.04	6.01	2.26	5.59	2.38	5.31	2.60	4.88	2.57		
	0	6.35	1.68	6.50	1.99	6.35	2.25	5.88	2.37	5.42	2.59	5.06	2.54		
	2	6.53	1.69	6.65	1.89	6.58	2.23	6.05	2.38	5.69	2.36	5.33	2.61		
	5	6.88	1.62	6.96	1.89	6.99	2.12	6.37	2.27	6.11	2.46	5.74	2.53	4.92	2.68
	7	7.41	1.56	7.13	1.79	7.13	2.00	6.87	2.16	6.90	2.37	6.42	2.52	5.25	2.60
	10	7.35	1.46	7.37	1.75	7.32	1.93	7.01	2.09	6.93	2.28	6.27	2.41	5.57	2.52
	12	7.34	1.42	7.51	1.70	7.40	1.86	7.19	1.99	6.98	2.15	6.09	2.27	5.98	2.41
8kW	15	7.26	1.38	7.58	1.64	7.43	1.78	7.24	1.97	6.98	2.12	6.01	2.23	6.10	2.39
	20	6.98	1.18	7.21	1.54	7.42	1.68	7.28	1.81	6.81	1.89	5.98	1.95		
	-25	3.59	2.19	3.34	2.15	2.81	2.17								
	-20	4.74	2.24	4.32	2.44	3.70	2.29	3.17	2.26	2.62	2.10				
	-15	6.11	2.51	5.57	2.47	5.29	2.65	4.67	2.70	4.94	2.92	3.99	2.84		
	-10	7.08	2.25	6.87	2.63	6.77	2.74	6.32	2.88	6.07	3.05	5.19	2.86		
	-7	7.27	2.29	7.05	2.64	6.94	2.76	6.48	2.89	6.22	3.07	5.32	2.88		
	-5	7.69	2.39	7.45	2.57	7.44	2.77	7.35	2.99	6.45	2.94	6.04	3.00		
	-2	4.96	1.39	5.61	1.82	5.67	2.04	5.68	2.24	5.28	2.35	5.11	2.51		
	0	8.42	2.23	8.40	2.53	8.09	2.75	8.11	2.95	7.10	2.99	6.85	3.16		
	2	8.48	2.14	8.50	2.50	8.31	2.74	8.18	2.90	7.26	2.83	6.91	3.14		
	5	8.86	1.94	8.78	2.29	8.69	2.57	8.30	2.76	7.56	2.74	7.11	2.89	3.89	3.27
	7	9.11	1.80	8.85	2.12	8.98	2.35	8.43	2.66	7.80	2.50	7.24	2.66	4.08	3.00
	10	8.94	1.65	8.70	2.02	8.74	2.24	8.28	2.42	8.20	2.48	7.50	2.72	5.59	2.65
10kW	12	9.05	1.58	8.92	1.89	8.86	2.14	8.38	2.33	8.29	2.41	7.62	2.60	5.67	2.52
	15	9.09	1.51	9.07	1.77	8.91	2.03	8.41	2.23	8.32	2.34	7.68	2.49	5.71	2.39
	20	9.33	1.32	9.45	1.59	9.08	1.81	8.53	2.02	8.43	2.12	7.86	2.27		
	-25	3.78	2.28	3.52	2.24	2.96	2.26								
	-20	4.98	2.34	4.55	2.55	3.89	2.39	3.34	2.35	2.75	2.18				
	-15	6.43	2.62	5.86	2.57	5.57	2.76	5.22	2.99	5.20	3.04	4.20	2.96		
	-10	7.89	2.65	7.64	2.86	7.38	3.10	7.03	3.31	6.67	3.58	5.38	3.15		
	-7	8.31	2.77	7.96	2.81	7.68	3.05	7.33	3.26	7.05	3.53	5.61	3.10		
	-5	8.80	2.64	8.46	2.94	8.18	3.09	8.04	3.27	7.53	3.32	6.13	3.10		
	-2	5.59	1.58	6.22	2.01	6.24	2.28	6.24	2.48	6.02	2.67	5.27	2.65		
	0	9.46	2.52	9.25	2.93	8.89	3.10	8.82	3.27	8.18	3.31	6.99	3.30		
	2	9.72	2.48	9.58	2.86	9.24	3.07	9.02	3.22	8.51	3.38	7.32	3.34		
	5	10.13	2.25	10.10	2.64	9.79	2.88	9.45	3.14	9.08	3.27	7.85	3.20	4.52	3.30
	7	10.32	2.09	10.45	2.50	10.28	2.76	9.83	3.05	9.72	3.20	8.23	2.96	4.85	3.11
12kW	10	10.03	1.96	9.94	2.38	9.87	2.69	9.59	2.91	9.57	3.11	8.27	3.04	6.44	3.05
	12	10.20	1.77	10.10	2.16	10.04	2.44	9.75	2.63	9.73	2.81	8.40	2.75	6.54	2.76
	15	10.23	1.73	10.13	2.11	10.07	2.39	9.78	2.58	9.76	2.76	8.43	2.70	6.56	2.71
	20	10.67	1.59	10.68	1.89	10.28	2.12	10.02	2.38	9.85	2.54	8.90	2.56		
	-25	5.03	2.96	4.53	3.12	4.23	3.29								
	-20	7.21	3.34	6.38	3.41	6.05	3.52	5.36	3.55	5.08	3.63				
	-15	8.36	3.41	7.93	3.62	7.39	3.95	6.71	3.97	6.33	4.31	5.87	4.69		
	-10	10.02	3.95	9.69	4.34	9.32	4.54	8.96	4.62	8.60	4.79	6.70	5.13		
	-7	11.02	3.89	10.42	4.27	10.40	4.50	10.61	4.74	10.59	5.25	8.05	5.06		
	-5	11.30	3.87	10.94	4.26	10.94	4.61	10.77	4.75	10.55	5.14	8.21	5.14		
	-2	11.30	3.56	11.29	4.07	11.46	4.46	10.82	4.65	10.56	4.91	8.33	5.09		
	0	11.99	3.44	12.25	4.04	12.29	4.37	11.12	4.61	10.77	4.74	8.52	5.03		
	2	12.64	3.45	12.87	3.93	12.83	4.40	11.85	4.52	11.64	4.62	9.92	5.19		
	5	13.62	3.28	13.78	3.70	13.62	4.18	12.81	4.46	12.82	4.70	11.57	5.06	9.92	5.16
	7	14.57	3.11	14.80	3.57	14.51	4.00	13.91	4.43	13.85	4.66	12.95	5.07	11.54	5.17
	10	14.30	2.83	14.61	3.34	14.32	3.89	13.54	4.11	13.12	4.38	12.70	4.79	11.69	4.89
	12	14.39	2.74	14.84	3.26	14.52	3.71	13.54	3.92	12.64	4.19	12.55	4.56	11.76	4.65
	15	14.36	2.65	14.96	3.17	14.61	3.53	13.42	3.73	12.05	3.97	12.29	4.32	11.73	4.42
	20	14.22	2.20	14.84	2.75	14.75	3.15	13.66	3.37	12.02	3.55	10.76	3.71		

WELLEA WT MT, S MT, M MT & M DF MT - Maximum heating capacity (without defrosting)

		LEAVING WATER TEMPERATURE (°C)													
		35		40		45		50		55		60		65	
MODEL	OUTDOOR-TEMPERATURE (°C)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)
14kW	-25	5.43	3.18	4.89	3.35	4.47	3.47								
	-20	7.79	3.58	6.89	3.65	6.25	3.61	5.42	3.61	5.14	3.87				
	-15	9.22	3.80	8.57	3.95	7.63	4.12	7.01	4.32	6.46	4.58	6.01	5.05		
	-10	10.95	4.44	10.60	4.70	9.64	4.73	9.07	5.01	8.72	5.21	6.73	5.30		
	-7	12.70	4.55	12.32	4.94	11.94	5.17	11.04	5.33	11.27	5.61	8.02	5.31		
	-5	12.76	4.27	12.56	4.61	12.07	4.99	11.17	5.24	11.14	5.32	8.25	5.06		
	-2	12.51	4.04	12.45	4.38	12.21	4.90	11.39	5.07	11.36	5.23	8.76	5.28		
	0	13.03	4.00	13.01	4.32	12.69	4.85	11.89	4.99	11.80	5.19	9.34	5.48		
	2	13.61	3.94	13.46	4.23	13.32	4.84	12.68	5.13	12.62	5.27	10.38	5.58		
	5	14.32	3.63	14.28	3.95	14.29	4.59	13.80	4.98	13.78	5.18	11.70	5.38	9.76	5.33
	7	15.46	3.44	15.60	3.86	15.65	4.52	14.97	4.81	14.53	5.14	13.20	5.20	10.38	4.95
	10	14.86	3.10	15.27	3.60	14.97	4.08	15.31	4.62	14.15	4.60	13.20	4.91	11.23	4.98
	12	15.08	3.02	15.61	3.59	15.30	4.04	15.39	4.50	13.63	4.31	13.02	4.70	11.60	4.96
15	15.17	2.94	15.83	3.56	15.50	3.98	15.34	4.37	12.99	4.02	12.74	4.48	11.86	4.97	
20	14.64	2.59	15.23	3.04	15.12	3.42	14.99	3.84	12.73	3.62	10.99	3.77			
16kW	-25	6.61	4.01	5.89	4.43	4.96	4.21								
	-20	8.16	4.77	7.48	4.76	6.55	4.85	5.85	4.54	5.37	4.75				
	-15	10.71	4.93	10.07	5.24	9.03	5.38	7.53	5.32	6.82	5.29	6.42	5.59		
	-10	12.68	5.10	12.42	5.45	11.05	5.64	9.49	5.58	8.92	5.92	7.04	5.59		
	-7	13.87	5.19	13.84	5.55	13.13	6.02	12.86	6.22	12.50	6.25	8.25	6.18		
	-5	13.98	4.88	13.84	5.31	13.38	5.88	12.95	5.82	12.60	5.92	8.62	5.97		
	-2	13.70	4.46	13.48	4.96	13.53	5.56	13.02	5.53	12.59	5.75	9.06	5.74		
	0	14.27	4.27	13.85	4.80	14.06	5.33	13.42	5.35	12.84	5.66	9.56	5.54		
	2	14.72	4.38	14.48	4.75	14.73	5.42	14.08	5.40	13.65	5.74	11.03	5.82		
	5	16.07	3.98	15.64	4.56	15.88	4.96	15.26	5.05	14.47	5.21	12.71	5.36	10.71	5.24
	7	16.79	3.79	16.35	4.25	16.62	4.80	16.20	5.11	16.20	5.70	14.06	5.34	11.28	5.13
	10	17.58	3.71	17.07	4.31	17.33	4.72	16.69	5.12	16.05	5.16	14.32	5.13	12.23	4.97
	12	18.07	3.55	17.74	4.19	18.00	4.63	17.33	4.96	16.82	5.14	14.59	4.98	12.40	4.89
15	18.41	3.40	18.26	4.08	18.53	4.53	17.83	4.79	17.46	5.11	14.75	4.83	12.47	4.80	
20	16.70	2.69	16.39	3.20	16.11	3.77	14.62	4.06	14.95	4.32	13.14	4.39			
18kW	-25	7.84	6.52												
	-20	9.96	6.12	8.89	6.58										
	-15	14.69	6.97	14.17	8.25	12.44	8.74	10.82	9.07						
	-10	17.95	7.87	17.23	8.60	15.06	8.53	13.03	8.39	9.17	8.35	6.10	5.83		
	-7	19.91	8.41	19.07	8.80	16.16	8.17	14.35	7.98	10.08	8.52	8.04	7.44		
	-5	20.96	8.28	20.12	8.76	17.58	8.46	15.21	8.11	10.95	8.54	9.39	8.04		
	-2	20.52	7.35	19.02	7.63	17.57	7.89	16.32	8.36	12.61	8.87	10.72	8.82		
	0	19.37	6.51	18.80	7.00	18.23	7.48	17.63	8.55	15.17	8.56	13.56	8.81		
	2	20.23	6.40	20.10	6.98	19.97	7.56	19.94	8.41	17.74	8.25	16.84	8.57		
	5	19.08	5.19	17.94	5.45	16.80	5.71	16.78	6.50	16.75	7.28	16.73	8.07		
	7	20.74	5.31	19.59	5.61	18.45	5.90	18.42	6.81	18.40	7.71	18.38	8.61		
	10	20.65	5.07	19.48	5.22	18.31	5.37	18.24	6.07	18.16	6.77	18.09	7.47		
	12	21.22	5.09	20.01	5.16	19.34	5.37	18.68	5.84	18.57	6.44	18.46	7.05		
15	22.08	5.11	20.79	5.06	20.89	5.37	19.34	5.48	19.18	5.95	19.03	6.42			
20	23.78	5.33	22.53	5.27	21.28	5.22	20.83	5.57	20.38	5.92	19.94	6.27			
22kW	-25	8.06	6.89												
	-20	10.22	6.19	9.38	6.66										
	-15	15.91	7.35	14.86	9.10	13.76	10.91	12.57	11.27						
	-10	19.27	8.20	18.43	9.18	17.55	10.19	15.22	10.27	10.65	10.01	6.10	5.83		
	-7	21.28	8.70	20.57	9.22	19.82	9.75	17.43	9.43	12.55	10.03	9.20	7.90		
	-5	22.11	8.61	21.51	9.22	20.87	9.85	18.48	9.60	13.81	10.05	10.73	8.99		
	-2	23.36	8.47	22.92	9.22	22.44	9.99	18.93	9.60	15.71	10.07	13.39	10.07		
	0	22.47	7.78	22.02	8.42	21.57	9.06	20.74	9.95	18.38	10.00	16.51	10.15		
	2	23.24	7.69	23.13	8.43	23.02	9.16	22.91	9.96	21.04	9.93	19.63	10.01		
	5	22.62	6.46	21.70	6.90	20.79	7.34	20.67	8.19	20.56	9.04	20.45	9.89		
	7	24.93	6.47	23.89	7.10	22.66	7.51	22.71	8.54	22.78	9.09	22.44	10.55		
	10	24.55	6.29	23.63	6.65	22.71	7.02	22.32	7.68	21.92	8.34	21.52	9.00		
	12	25.95	6.49	25.05	6.83	24.15	7.17	23.57	7.67	22.99	8.17	22.40	8.67		
15	28.05	6.79	27.18	7.10	26.31	7.40	25.45	7.66	24.59	7.91	23.73	8.17			
20	27.75	6.41	26.86	6.64	25.97	6.88	24.96	7.06	23.95	7.25	22.94	7.43			
26kW	-25	8.29	7.27												
	-20	10.49	6.25	9.88	6.74										
	-15	17.13	7.72	15.55	9.95	13.91	12.25	13.61	12.77						
	-10	20.58	8.52	19.63	9.76	18.62	11.04	17.28	12.14	13.20	12.02	10.31	9.73		
	-7	23.46	9.32	22.07	9.64	21.45	10.31	20.45	10.80	15.28	11.63	11.52	9.70		
	-5	23.27	8.95	22.90	9.68	22.50	10.44	21.70	11.02	16.35	11.16	12.39	9.99		
	-2	24.20	8.88	24.15	9.74	24.07	10.63	22.10	11.10	18.39	10.78	15.97	10.99		
	0	24.82	8.83	24.98	9.78	25.12	10.77	24.03	11.41	20.97	11.02	19.22	11.18		
	2	25.44	8.78	25.81	9.82	26.17	10.90	25.97	11.61	23.10	11.05	21.59	11.02		
	5	25.99	7.79	25.46	8.45	24.92	9.12	24.69	9.99	24.46	10.87	24.23	11.75		
	7	29.08	8.07	28.24	8.69	27.40	9.31	27.12	10.38	26.84	11.46	24.31	11.47		
	10	28.37	7.58	27.86	8.21	27.36	8.85	26.54	9.41	25.72	9.97	24.90	10.54		
	12	29.34	7.66	29.00	8.34	28.67	9.02	27.50	9.32	26.05	9.53	24.90	9.82		
15	30.79	7.79	30.71	8.54	30.62	9.28	28.93	9.18	26.56	8.85	24.91	8.75			
20	32.48	7.72	30.47	7.93	30.13	8.54	28.45	8.48	26.78	8.43	25.11	8.38			
30kW	-25	8.68	8.02												
	-20	10.77	6.90	10.29	7.50										
	-15	17.60	8.52	16.19	11.08	14.69	13.74	14.32	13.69						
	-10	21.14	9.40	20.43	10.86	19.67	12.38	18.17	13.42	14.29	13.64	10.38	10.22		
	-7	23.26	9.93	22.98	10.74	22.66	11.56	21.51	11.94	16.54	13.79	12.23	11.04		
	-5	23.90	9.87	23.84	10.78	23.77	11.71	22.83	12.19	18.04	13.48	13.93	11.35		
	-2	24.85	9.80	25.14	10.85	25.43	11.93	23.25	12.27	19.93	12.79	17.95	12.82		
	0	25.49	9.74	26.00	10.89	26.53	12.08	25.28	12.62	22.72	13.08	21.61	13.04		

Capacity tables

WELLEA WT MT, S MT, M MT & M DF MT - Maximum cooling capacity

MODEL	OUTDOOR-TEMPERATURE (°C)	LEAVING WATER TEMPERATURE (°C)													
		5		7		10		15		18		20		25	
		COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)
4kW	20	4.72	1.04	5.27	1.11	6.01	1.20	8.16	1.49	8.28	1.37	8.33	1.30	8.98	1.10
	25	5.87	1.30	6.30	1.36	6.97	1.43	8.23	1.53	8.41	1.40	8.52	1.33	9.12	1.15
	30	5.84	1.55	6.21	1.56	6.80	1.59	7.77	1.65	8.09	1.54	8.19	1.46	8.77	1.30
	35	5.80	1.79	6.11	1.84	6.64	1.79	7.31	1.71	7.65	1.62	7.87	1.55	8.43	1.44
	40	3.80	1.51	4.36	1.65	5.08	1.81	5.91	1.73	6.36	1.70	6.63	1.68	7.88	1.64
	43	2.58	1.15	3.13	1.33	3.80	1.52	5.08	1.56	5.56	1.56	5.88	1.57	7.55	1.59
6kW	20	5.41	1.38	6.10	1.43	6.63	1.43	8.16	1.49	8.28	1.37	8.33	1.30	8.98	1.10
	25	7.16	1.80	7.26	1.79	7.37	1.77	8.23	1.53	8.41	1.40	8.52	1.33	9.12	1.15
	30	6.50	1.85	7.15	1.95	7.29	1.90	7.77	1.65	8.09	1.54	8.19	1.46	8.77	1.30
	35	6.04	2.09	7.11	2.39	7.22	2.03	7.31	1.68	7.65	1.64	7.87	1.58	8.43	1.44
	40	3.80	1.51	4.50	1.69	5.08	1.81	5.91	1.73	6.36	1.70	6.63	1.68	7.88	1.64
	43	2.58	1.15	3.24	1.37	3.80	1.52	5.08	1.56	5.56	1.56	5.88	1.57	7.55	1.59
8kW	20	5.68	1.15	6.46	1.25	7.06	1.29	8.38	1.35	9.47	1.49	10.31	1.60	11.15	1.64
	25	6.47	1.48	7.25	1.59	7.82	1.63	9.26	1.68	10.40	1.81	11.25	1.90	12.76	2.02
	30	7.27	1.89	8.03	1.99	8.57	2.01	10.15	2.06	11.33	2.15	12.20	2.20	14.36	2.40
	35	7.39	2.37	8.20	2.55	8.77	2.31	10.21	2.31	11.13	2.37	11.74	2.40	13.59	2.50
	40	6.61	2.52	7.11	2.49	7.42	2.37	8.88	2.53	9.69	2.54	10.23	2.51	12.27	2.83
	43	5.09	2.28	5.44	2.28	5.64	2.19	6.73	2.13	7.55	2.17	8.15	2.17	10.04	2.49
10kW	20	6.20	1.28	6.72	1.35	7.19	1.39	8.67	1.45	9.88	1.57	10.79	1.64	12.49	1.68
	25	7.13	1.68	7.73	1.77	8.26	1.81	9.87	1.88	11.11	2.00	12.00	2.07	13.93	2.17
	30	8.06	2.17	8.63	2.24	9.34	2.31	11.08	2.40	12.34	2.51	13.21	2.57	15.37	2.79
	35	8.13	2.70	8.53	2.72	9.48	2.43	11.03	2.62	12.05	2.68	12.70	2.68	14.51	2.87
	40	6.61	2.52	7.04	2.46	7.42	2.37	8.88	2.53	9.71	2.55	10.23	2.51	12.27	2.83
	43	5.09	2.28	5.39	2.25	5.64	2.19	6.73	2.13	7.56	2.17	8.15	2.17	10.04	2.49
12kW	20	7.78	2.03	10.09	2.56	12.15	2.96	14.16	3.12	15.17	3.14	15.93	3.14	16.53	2.84
	25	10.10	3.00	12.09	3.38	13.80	3.61	15.82	3.91	16.54	3.97	17.00	4.01	17.07	3.44
	30	9.99	3.58	11.88	3.96	13.43	4.13	15.18	4.17	15.80	4.17	16.17	4.15	16.11	3.74
	35	9.89	4.33	11.81	4.38	13.07	4.72	14.53	4.29	15.05	4.22	15.34	4.14	15.26	3.86
	40	8.11	4.53	9.10	4.50	9.87	4.33	10.67	3.92	11.52	4.00	12.19	4.05	13.23	3.77
	43	5.20	3.72	5.72	3.52	6.11	3.26	7.33	3.02	7.99	3.11	8.53	3.19	10.68	3.26
14kW	20	8.17	2.17	10.80	2.78	12.76	3.16	14.87	3.33	15.52	3.23	15.93	3.14	16.53	2.84
	25	10.61	3.19	12.95	3.67	14.49	3.84	16.62	4.16	16.94	4.09	17.00	4.01	17.07	3.44
	30	10.49	3.96	12.79	4.47	14.10	4.53	15.94	4.56	16.18	4.37	16.17	4.18	16.11	3.74
	35	10.38	4.81	12.84	5.45	13.72	5.32	15.26	4.88	15.42	4.66	15.34	4.44	15.26	4.12
	40	8.11	4.53	9.28	4.59	9.87	4.33	10.67	3.92	11.52	4.00	12.19	4.05	13.23	3.77
	43	5.20	3.72	5.83	3.59	6.11	3.26	7.33	3.02	7.99	3.11	8.53	3.19	10.68	3.26
16kW	20	8.99	2.43	11.88	3.12	14.04	3.55	15.76	3.56	16.46	3.46	16.89	3.36	17.52	3.04
	25	11.67	3.59	14.24	4.13	15.94	4.32	17.45	4.47	17.72	4.38	17.85	4.31	17.92	3.70
	30	11.54	4.46	14.26	5.10	15.51	5.11	17.21	5.05	17.24	4.84	17.14	4.66	16.92	4.02
	35	11.42	5.42	14.18	6.17	15.09	6.00	16.48	5.60	16.50	5.28	16.26	4.96	16.17	4.47
	40	8.92	5.11	10.21	5.18	10.86	4.89	11.73	4.42	12.67	4.57	13.41	4.69	14.55	4.36
	43	5.98	4.50	6.87	4.44	7.33	4.12	9.01	3.91	9.83	4.03	10.49	4.13	11.96	3.85

WELLEA WT MT, S MT, M MT & M DF MT - Maximum cooling capacity

MODEL	OUTDOOR TEMPERATURE (°C)	LEAVING WATER TEMPERATURE (°C)													
		5		7		10		15		18		20		25	
		COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)
18kW	20	15.08	3.66	16.34	3.59	18.22	3.48	18.20	2.82	18.08	2.49	19.06	2.44	21.50	2.30
	25	17.30	4.34	18.71	4.31	20.84	4.27	20.53	3.43	20.70	3.01	21.87	2.91	24.80	2.64
	30	17.05	5.28	18.81	5.36	21.45	5.46	23.32	4.91	22.91	4.20	24.13	4.05	27.20	3.66
	35	15.12	5.81	17.09	5.98	20.05	6.24	22.18	5.72	21.66	4.89	22.75	4.71	25.47	4.24
	40	13.17	5.98	15.02	6.20	17.78	6.53	20.09	6.14	19.97	5.40	21.19	5.30	24.24	5.05
	45	11.22	6.15	12.94	6.42	15.52	6.81	18.00	6.56	18.28	5.90	19.63	5.89	23.01	5.86
22kW	20	17.27	4.48	18.77	4.43	21.03	4.35	21.58	3.68	23.54	3.61	24.37	3.50	26.42	3.22
	25	19.18	5.18	20.72	5.18	23.03	5.18	24.71	4.63	24.49	4.03	26.67	9.00	29.57	3.69
	30	20.01	6.45	21.93	6.60	24.80	6.82	26.49	6.12	27.33	5.49	29.67	10.67	32.81	4.83
	35	18.94	6.61	20.87	7.12	23.78	7.89	25.80	7.21	26.57	6.41	28.77	11.05	31.70	5.48
	40	16.24	7.48	18.18	7.72	21.09	8.08	23.28	7.43	20.79	5.78	22.83	9.32	25.55	5.29
	45	14.00	7.81	15.76	8.00	18.39	8.28	20.75	7.64	18.92	6.08	21.12	9.22	24.06	5.91
26kW	20	20.56	5.69	22.43	5.66	25.22	5.62	26.65	4.95	27.37	4.61	28.93	4.59	32.83	4.53
	25	25.08	7.24	27.06	7.29	30.02	7.36	32.18	6.65	33.70	6.18	35.78	6.08	40.99	5.85
	30	25.19	8.43	27.42	8.68	30.76	9.07	33.50	8.41	33.52	7.30	35.56	7.07	40.67	6.49
	35	23.50	9.14	25.84	9.62	29.36	10.33	32.32	9.72	29.20	7.49	30.95	7.15	35.33	6.31
	40	19.54	9.11	21.50	9.37	24.43	9.76	27.75	9.23	20.90	5.96	22.35	5.79	25.99	5.35
	45	14.43	8.18	15.88	8.24	18.07	8.34	20.60	7.67	18.91	6.05	20.44	5.97	24.29	5.75
30kW	20	21.92	6.52	25.48	6.85	30.83	7.35	30.99	6.22	32.18	5.90	34.06	5.91	38.77	5.93
	25	28.23	8.66	30.41	8.76	33.69	8.91	36.54	8.25	35.95	7.24	38.27	7.18	44.05	7.03
	30	29.51	10.21	31.91	10.59	35.51	11.17	38.29	10.38	33.92	7.95	36.11	7.71	41.58	7.12
	35	29.43	13.70	29.74	12.71	30.19	11.21	35.98	11.59	31.88	8.65	32.60	7.95	34.38	6.18
	40	20.40	9.63	22.09	9.87	24.62	10.23	27.69	9.59	21.00	6.15	22.56	5.94	26.44	5.41
	45	15.21	8.74	16.40	8.68	18.20	8.60	20.45	7.71	18.89	6.02	20.50	5.90	24.52	5.60

Accessories

DESIGNATION	Part number	PICTURE	FUNCTIONS
3 ways valve	7ACFH0855		3 ways valve for heating and DHW
Magnetic dirt separator 1"	7ACFH0856		Dirt separator, swiveling, with magnetic ring
Antifreeze valve MM 1"	7ACFH0857		- Ready to install - Thermostatic valve - Automatic opening (+ 3 °C) and closing (+ 4 °C) (+/- 1 °C)
Automatic air vent 1"	7ACFH0862		- Continuous degassing of air present in the hydraulic circuit - Automatic operation - Swivelling: horizontal or vertical mounting
Mix bottle 25 L	7ACFH0859		- Insulated bottle, reversible: heating and cooling - ErP class: C - Usable volume: 25 L - Wall installation
Mix bottle 50 L	7ACFH0858		- Insulated bottle, reversible: heating and cooling - ErP class: C - Usable volume: 51 L - Wall installation
Mix bottle 100 L	7ACFH0860		- Insulated bottle, reversible: heating and cooling - ErP class: C - Usable volume: 95 L - Floor installation
Mix bottle 200 L	7ACFH0861		- Insulated bottle, reversible: heating and cooling - ErP class: C - Usable volume: 195 L - Floor installation
Safety valve 10B 20X27	7ACFH0863		- Installation power: 46 kW - Graduated adjustment scale: 0.1 to 0.6 bar differential
Expansion vessel 12 L	7ACFH0864		- CE standard vessel for heating and cooling circuit - Capacity: 12 L - Pre-inflation: 1 bar
Expansion vessel 18 L	7ACFH0865		- CE standard vessel for heating and cooling circuit - Capacity: 18 L - Pre-inflation: 1 bar
Wall support for expansion vessel	7ACFH0866		- Arm, vessel bracket, equipped with: - quick-release coupling for vessel - PR2 air bleed - NC valve with pressure gauge
Backflow preventer 1/2	7ACFH0867		- Non-controllable reduced pressure zone backflow preventer - NF
Condensate pump EVOSTA 2 4 to 7 mH2O 180 mm	7ACFH0868		- Low consumption electronic circulator (EEI <= 0.18) - For heating and air conditioning - With limescale protection during commissioning 5 year warranty - Flowrate: 0.4 to 3.6 m³/h - Manometric head: 4 to 6.9 mWp 3 operating curves each with 3 speeds: - Proportional differential pressure - Constant differential pressure - Constant speed - Protection class: IP X5

DESIGNATION	Part number	PICTURE	FUNCTIONS
Axial thermometer 100 immersion 200	7ACFH0869		• Axial thermometer • Display 0/120°
Shock absorber (support)	7ACTL0510		• Helps reduce the transmission of vibrations. - Length: 1 000mm
Line electrical heater - 3kW	7ACFH0822		• Provides additional heating when the heating demand is greater than the heat pump capacity
Remote control RCW29	7ACEL1896		• On/Off control, additional heating • Operating mode: cooling / heating / automatic • DHW parameters: forced mode / holiday / anti-legionella / DHW pump • Temperature parameter: water outlet, set temperature • Timer: 12/24h • On/Off timer, daily / weekly • Display of different temperatures • Probe values display • Fault Part numbers • Maintenance mode
Temperature sensor	7ACEL1916		• Temperature sensor + cable (10m)
Cable extension (mixing tank)	7ACFH0870		• Connection between temperature sensor and electronic board for mixing tank probe
Cable extension (solar)	7ACFH0871		• Connection between temperature sensor and electronic board for solar probe
DHW electric heater control panel	7ACEL1892		• Control the DHW electric heater with the heat pump



DESIGNATION		DHW TANK 200L	DHW TANK 300L	DHW TANK 500L
Part number		7ACFH0872	7ACFH0873	7ACFH0874
Heat pump max. capacity	kW	10	16	22
Volume	L	196	273	475
Exchanger surface area	m ²	1,5	1,8	2,2
Material		enamelled steel	enamelled steel	enamelled steel
Max. pressure	bar	10	10	10
Static losses	W	51	63	80
Energy label		b	b	b
Protection		magnesium anode	magnesium anode	magnesium anode
Electric heater	kW	2,0	2,0	2,0
Height	mm	1215	1615	1705
Diameter	mm	640	640	790
Weight	kg	77	98	128





DOMESTIC HOT WATER PRODUCTION

Range

MODELS

FLUID DHW PROFIL CHARACTERISTIC

p.58

ELEO S



Split thermodynamic
water heater

R134A

L & XL

Split

p.60

ELEO M



Monoblock
thermodynamic
water heater

R134A

M to XL

Monoblock

p.62

ELEO MS



Solar thermodynamic
water heater

R134A

M & L

Solar

p.64

Thermodynamic water heater kits

+ PRODUCT

- High performance
- Small footprint
- Anti-legionella function

Connectivity



User functions



Installer functions



ELEO S

Split thermodynamic water heater



Stainless steel tank



ELEO S



YFHX

+ “SUSTAINABLE DEVELOPMENT”

- Energy saving thanks to A+ energy class.
- High-performance product.
- Electrical consumption reduced by up to 75%.
- Holiday mode: the water heater switches off while you are away, and switches back on the day before you come back.

+ “USER”

- Perfect to replace an electric tank.
- “Peak/Off peak” operation.
- Available water volume displayed on the control screen.
- A variety of operating modes (ECO / BOOST / AUTO) for ease of use.

+ “INSTALLER”

- No ventilation duct installation: split model.
- Easy to install, thanks to its compact footprint.
- Easy handling, thanks to its low weight < 80 kg.

+ “TECHNOLOGY”

- No risk of contamination following a refrigerant leak, thanks to the external exchanger.
- Hard water protection: stainless steel tank + magnesium anode.

TECHNICAL DATA

INDOOR UNIT		TFHX-200H-03M25	TFHX-260H-03M25
Part number		7SP170001	7SP170002
Phase		Single-phase	Single-phase
Volume	l	200	260
AIR +7°C WATER 10/55°C			
Heating capacity	kW	2.13	2.13
Total power input	kW	0.69	0.69
COP		3.10	3.10
AIR +15°C WATER 10/55°C			
Heating capacity	kW	2.75	2.75
Total power input	kW	0.74	0.74
COP		3.70	3.70
PERFORMANCE EN16147 (AVERAGE CLIMATE)			
DHW profile		L	XL
Energy label		A+	A+
Energetic efficiency	%	119	125
COP		2.66	2.66
Annual consumption	kWh	858	1343
Heat up time	h:mm	7:50	10:11
Standby power input	W	87.0	87.0
Reference hot water temperature	°C	51.0	59.0
Volume of mixed water at 40°C	l	249	373
PERFORMANCE (WARMER CLIMATE)			
Energetic efficiency	%	136	144
Annual consumption	kWh	748	1159
PERFORMANCE (COLDER CLIMATE)			
Energetic efficiency	%	93	90
Annual consumption	kWh	1089	1870
OPERATING LIMITS			
Outdoor air temperature	°C	-7 / 43	-7 / 43
Maximum water temperature	°C	70.0	70.0
INDOOR UNIT			
Sound pressure level (1 m)	dB(A)	18	18
Sound level	dB(A)	33	33
Outline dimensions (HxØ)	mm	1580x470	1760x470
Package dimensions (WxHxD)	mm	595x1605x595	595x1856x595
Net weight/Gross weight	kg	51/54	62/66

OUTDOOR UNIT		YFHX-028H-03M25
Part number		7SP063214
Sound pressure level (1 m)	dB(A)	51
Sound level	dB(A)	65
Outline dimensions (LxHxP)	mm	858x545x320
Package dimensions (WxHxD)	mm	902x606x342
Net weight/Gross weight	kg	29/33
REFRIGERATION CIRCUIT		
Refrigerant/GWP		R134a/1430
Charge (5 m)	kg	1.30
Suction pipe diameter	inches	3/8"
Liquid pipe diameter	inches	1/4"
POWER SUPPLY		
Phase/Voltage/Frequency		1P/220-240/50Hz
Electric backup heater built-in	kW	2
Electrical connections in/out (provided)	mm²	2x1.5 + 3x1.5
Power cable section	mm²	3G2.5
Fuse rating am	A	16
Electrical connections in/out (top-up electric heater)	mm²	3G1.5

* Preliminary data.

+ PRODUCT

- High performance
- Small footprint
- Anti-legionella function
- Suction and delivery as standard (sur tous les ballons qui suivent également)

Connectivity



(from September 2024)

User functions



Installer functions



ELEO M

Monoblock thermodynamic water heater



Stainless steel tank



ELEO M 120L



ELEO M 190 L / 260 L

+ "SUSTAINABLE DEVELOPMENT"

- Energy saving thanks to A+ energy class.
- High-performance product.
- Electrical consumption reduced by up to 75%.
- Holiday mode: the water heater switches off while you are away, and switches back on the day before you come back.

+ "USER"

- Perfect to replace an electric tank.
- "Peak/Off peak" operation.
- Available water volume displayed on the control screen.
- A variety of operating modes (ECO / BOOST / AUTO) for ease of use.

+ "INSTALLER"

- Easy to install, thanks to its compact footprint.
- Easy handling, thanks to its low weight < 80 kg.

+ "TECHNOLOGY"

- No risk of contamination following a refrigerant leak, thanks to the external exchanger.
- Hard water protection: stainless steel tank + magnesium anode.

TECHNICAL DATA

INDOOR UNIT		TFHW-120H-03M25	TFHW-190H-03M25	TFHW-260H-03M25
Part number		7MB170001	7MB170002	7MB170003
Phase		Single-phase	Single-phase	Single-phase
Volume	l	120	190	260

AIR +7°C WATER 10/55°C

Heating capacity	kW	1.25	1.25	1.25
Total power input	kW	0.40	0.40	0.40
COP		3.15	3.15	3.15

AIR +15°C WATER 10/55°C

Heating capacity	kW	1.50	1.50	1.50
Total power input	kW	0.41	0.41	0.41
COP		3.70	3.70	3.70

PERFORMANCE EN16147 (AVERAGE CLIMATE)

DHW profile		M	M	L	XL
Energy label		A+	A++	A+	A
Energetic efficiency	%	100	139	115	101
COP		2.55	3.21	2.88	2.41
Annual consumption	kWh	513	368	884	1653
Heat up time	h:mm	05:45	05:34	11:53	12:02
Standby power input	W	7	26	70	70
Reference hot water temperature	°C	52.3	52.0	55.7	59.5
Volume of mixed water at 40°C	l	192	277	372	378

PERFORMANCE (WARMER CLIMATE)

Energetic efficiency	%	100	153	138	120
Annual consumption	kWh	513	335	733	1395

PERFORMANCE (COLDER CLIMATE)

Energetic efficiency	%	100	104	97	80
Annual consumption	kWh	513	492	1043	2009

SOUND LEVEL

Sound pressure level (1m)	dB(A)	46	46	46	
Sound level	dB(A)	59	59	59	

OPERATING LIMITS

Outdoor air temperature	°C	-7 / 43	-7 / 43	-7 / 43	
Maximum water temperature	°C	70	70	70	

REFRIGERATION CIRCUIT

Refrigerant/GWP		R134a/1430	R134a/1430	R134a/1430	
Charge	kg	0.85	0.85	0.85	

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240/50Hz	1P/220-240/50Hz	1P/220-240/50Hz	
Electric backup heater built-in	kW	2	2	2	
Power cable section	mm ²	3G2.5	3G2.5	3G2.5	
Fuse rating am	A	16	16	16	

DIMENSIONS

Outline dimensions (HxØ)		1310x568	1690x568	1950x568	
Package dimensions (WxHxD)		690x1410x690	690x1750x690	690x2070x690	
Net weight/Gross weight	kg	62/68	69/80	76/90	

+ PRODUCT

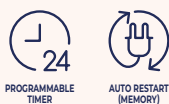
- High performance
- Compatible with solar thermique
- Anti-legionella function
- Aspiration and refoulement ducted de série

Connectivity



(from September 2024)

User functions



PROGRAMMABLE
TIMER

AUTO RESTART
(MEMORY)

Installer functions



BLUE FIN
TREATMENT

DOMESTIC HOT
WATER

ERROR CODE VIA
INDOOR UNIT

AUTO-DIAGNOSTIC



DRY CONTACT
ON/OFF



AUXILIARY HEATER

ELEO MS

Solar thermodynamic water heater

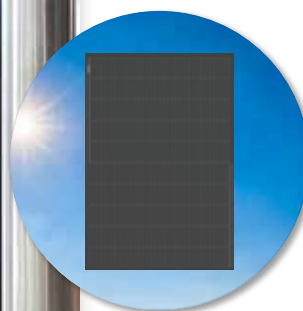
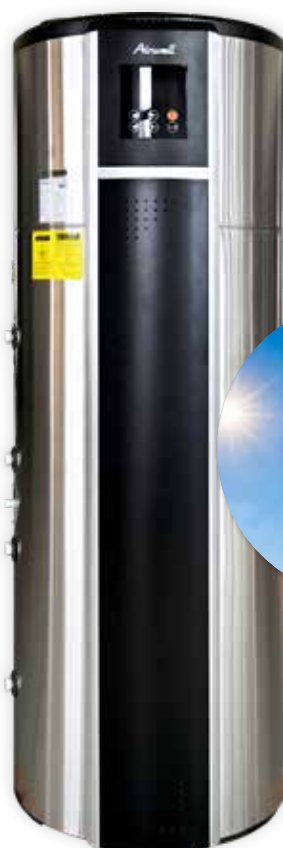


HEATING
A++



FLUID
R134A

**Stainless
steel tank**



+ “SUSTAINABLE DEVELOPMENT”

- Energy saving thanks to A+ energy class.
- High-performance product.
- Electrical consumption reduced by up to 75%.
- Holiday mode: the water heater switches off while you are away, and switches back on the day before you come back.

+ “USER”

- Perfect to replace an electric tank.
- “Peak/Off peak” operation.
- Available water volume displayed on the control screen.
- A variety of operating modes (ECO / BOOST / AUTO) for ease of use.

+ “INSTALLER”

- Easy to install, thanks to its compact footprint.
- Easy handling, thanks to its low weight < 80 kg.

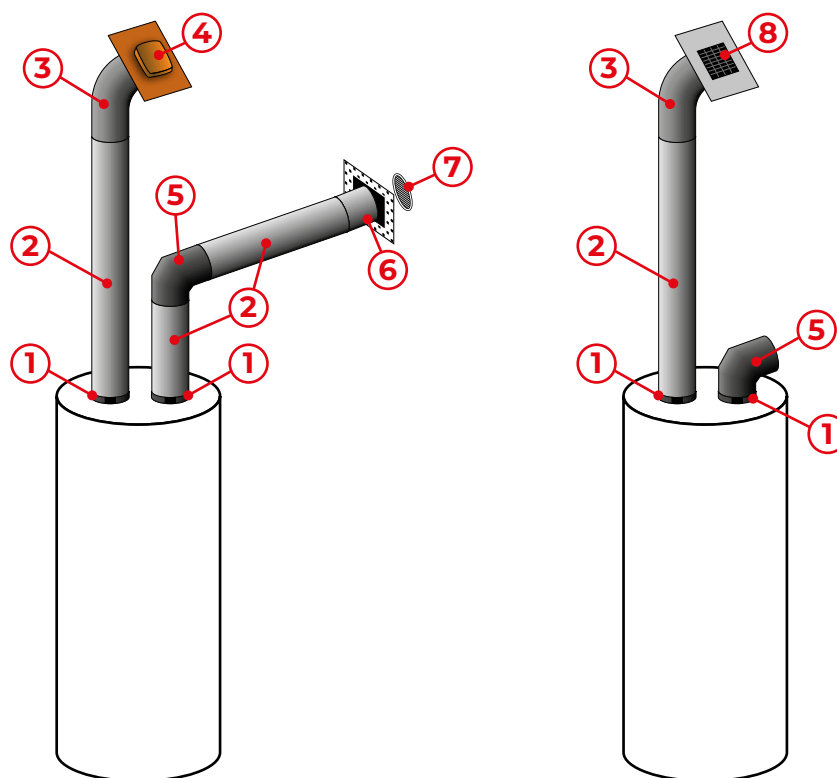
+ “TECHNOLOGY”

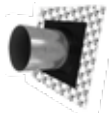
- No risk of contamination following a refrigerant leak, thanks to the external exchanger.
- Hard water protection: stainless steel tank + magnesium anode.

TECHNICAL DATA

INDOOR UNIT		TFHZ-190S-03M25	TFHZ-300S-03M25
Part number		7MB170005	7MB170004
Phase		Single-phase	
Volume	l	190	300
AIR +7°C WATER 10/55°C			
Heating capacity	kW	1.90	
Total power input	kW	0.60	
COP		3.15	
AIR +15°C WATER 10/55°C			
Heating capacity	kW	2.45	
Total power input	kW	0.67	
COP		3.68	
PERFORMANCE EN16147 (AVERAGE CLIMATE)			
DHW profile		M	L
Energy label		A++	A++
Energetic efficiency	%	139	174
COP		3.21	4.12
Annual consumption	kWh	368	587
Heat up time	h:mm	5:34	7:49
Standby power input	W	26	27
Reference hot water temperature	°C	52	51.80
Volume of mixed water at 40°C	l	277	387
PERFORMANCE (WARMER CLIMATE)			
Energetic efficiency	%	153	191
Annual consumption	kWh	335	533
PERFORMANCE (COLDER CLIMATE)			
Energetic efficiency	%	104	133
Annual consumption	kWh	492	766
SOUND LEVEL			
Sound pressure level (1m)	dB(A)	46	48
Sound level	dB(A)	59	59
OPERATING LIMITS			
Outdoor air temperature	°C	-7 / 43	
Maximum water temperature	°C	70	
CIRCUIT SOLAR			
Coil surface	m²	1	
Fittings	inches	3/4"	
Material		Stainless steel	
REFRIGERATION CIRCUIT			
Refrigerant/GWP		R134a/1430	
Charge	kg	1.10	
POWER SUPPLY			
Phase/Voltage/Frequency		1P/220-240/50Hz	
Electric backup heater built-in	kW	2	
Power cable section	mm²	3G2.5	
Fuse rating am	A	16	
DIMENSIONS			
Outline dimensions (HxØ)	mm	1485x646	1915x646
Package dimensions (WxHxD)	mm	690x1680x690	710x2050x710
Net weight/Gross weight	kg	83/105	92/114

Thermodynamic water heater kits



NUMBER	ACCESSORY	PICTURE
①	160 Clamp 160/160 Adapter Sealing foam	
②	160 duct	
③	160 flexible	
④	160 ochre roof terminal	
⑤	90° elbow	
⑥	Sealing sleeve	
⑦	White PVC grill	
⑧	160 slate roof terminal	

KIT 1 SEPERATE RETURN**PART NUMBER: 7ACVF0602**

DESIGNATION	QUANTITY	SCHEME NUMBER
160 clamp	1	
160/160 adapter	1	①
Sealing foam	1	
90° elbow	1	⑤

KIT 2 WALL OUTLET**PART NUMBER: 7ACVF0604**

DESIGNATION	QUANTITY	SCHEME NUMBER
160 clamp	1	
160/160 adapter	1	①
Sealing foam	1	
160 duct	1 ml	②
90° elbow	1	⑤
Sealing sleeve	1	⑥
160/160 connector	1	
White PCV grill	1	⑦

KIT 3 EXTENSION KIT**PART NUMBER: 7ACVF0603**

DESIGNATION	QUANTITY	SCHEME NUMBER
160/160 connector	1	
160 duct	1 ml	②

KIT 4 SLATE ROOF**PART NUMBER: 7ACVF0605**

DESIGNATION	QUANTITY	SCHEME NUMBER
160 clamp	1	
160/160 adapter	1	①
Sealing foam	1	
160 duct	5 ml	②
160 flexible	1	③
160 slate roof terminal	1	⑧

KIT 5 OCHRE ROOF**PART NUMBER: 7ACVF0606**

DESIGNATION	QUANTITY	SCHEME NUMBER
160 clamp	1	
160/160 adapter	1	①
Sealing foam	1	
160 duct	5 ml	②
160 flexible	1	③
160 ochre roof terminal	1	④

KIT 6 45° ELBOW**PART NUMBER: 7ACVF0607**

DESIGNATION	QUANTITY	SCHEME NUMBER
160/160 connector	2	
45° elbow	2	





HIGH WALL

Range

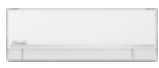


MODELS

			FLUID	7 2	9 2.5	12 3.5	18 5	24 7	kBTU/h kW
p.68	Air/air range selection guide								
p.69	Zoom in on air/air range functions								
p.70	HDHC Artica	High wall - High efficiency & Energetic efficiency A product adapted to extreme conditions	R32		✓	✓	✓	✓	
p.72	HDMB Harmonia	High wall - Colour range Optimal design and comfort: new colour range, built-in ionizer, high filtration, Wi-Fi	R32		✓	✓	✓	✓	
p.74	HDLE Aura	High wall Built-in Wi-Fi	R32	✓	✓	✓	✓	✓	
p.76	HDLA Aura	High wall DC inverter High wall	R32	✓	✓	✓	✓	✓	

Air/air range selection guide



	HDHC Artica	HDMB Harmonia	HDLE Aura	HDLA Aura
				
	2.2/3.5/5/7 kW	2.5/3.5/5/7 kW	2.2/2.5/3.5/5/7 kW	2/2.5/3.5/5/7 kW
	R32	R32	R32	R32
	p.70	p.72	p.74	p.76
ENERGY PERFORMANCE (MONO)				
SEER energy label (up to)	8.6/ A+++	9.3/A+++	6.8/A++	7.4/A++
SCOP energy label (up to)	4.6/A++	4.6/A++	4.2/A+	4/A+
Cooling operating range (°C)	-15/50	-15/50	-15/43	-15/50
Warm operating range (°C)	-25/24	-15/24	-15/24	-15/30
ACOUSTIC PERFORMANCE				
Acoustic performance (dB IU)	20	20	22	20
Silent mode	✓	✓	–	✓
ENERGY SAVINGS				
8°C heating	✓	✓	✓	✓
Self-diagnosis	✓	✓	✓	✓
DC Inverter	✓	✓	✓	✓
Refrigerant leak detection	✓	✓	✓	✓
Economy mode	✓	✓	✓	–
OptiPower (up to 50% power reduction)	✓	–	–	–
AIR DIFFUSION				
Automatic horizontal swing	✓	✓	–	–
3D swing	✓	✓	–	–
Automatic vertical swing	✓	✓	✓	✓
PROGRAMMING				
Night mode programming	✓	✓	✓	✓
Weekly programming via remote control and APP	✓	✓	✓	✓
Daily programming	✓	✓	✓	✓
Auto restart	✓	✓	✓	✓
Timer ON/OFF	✓	✓	✓	–
COMFORT				
Frost protection mode	✓	✓	✓	✓
Dehumidification	✓	✓	✓	✓
TempoConfort	✓	✓	✓	✓
"I FEEL" mode	✓	✓	✓	✓
Night mode	✓	✓	✓	✓
Turbo mode	✓	✓	✓	✓
Intelligent pre-heating	✓	✓	✓	–
INSTALLATION				
Installer mode	✓	✓	–	–
Technician mode	✓	✓	–	–
Mono and Multisplit	✓	✓	✓	✓
Anti-corrosion treatment	 GOLDEN FIN	 GOLDEN FIN	 BLUE FIN	 GOLDEN FIN
AIR QUALITY				
Antibacterial filter	✓	✓	–	–
High density filter	✓	✓	✓	✓
Purifying filter	✓	✓	✓	–
"I-clean" mode	✓	✓	✓	✓
PureFlow: Intelligent dust elimination	✓	✓	✓	–
Triple action filter (cold catalyst, activated carbon and silver ions)	✓	✓	–	–
Super-ionizer	✓	✓	–	–
CONTROL AND CONNECTIVITY				
Modbus connection	✓	✓	–	–
ON/OFF input contact	–	✓	–	–
Remote control via Wi-Fi with the AirHome application	✓	✓	✓	✓
Wired remote control	–	✓	✓	✓
Wireless controller	✓	✓	✓	✓
Eurovent	✓	✓	✓	✓

✓ Built-in ✓ Optional

Zoom in on air/air range functions



3D SWING

Automatic vertical and horizontal sweeping ensures even air distribution throughout the room. Whatever the configuration of the room, the air circulates in the smallest nooks and crannies for a temperature that is evenly distributed throughout your home.



OPTIPOWER

The OptiPower function reduces the heat pump's electricity consumption by limiting its power to 50%, 75% or 100%. Ideal during the off-season or when you don't need maximum power.



"I FEEL"

Unlike a conventional air conditioner that uses its unit's sensor to deliver the right temperature, Airwell's "I Feel" function uses the temperature felt thanks to the sensor built into the remote control. As a result, the temperature is perfectly regulated.



GOLDEN FIN TREATMENT

The Golden Fin treatment improves the longevity of the appliance by protecting the system against corrosion. Its innovative material improves heat transfer and slows down the oxidation of key parts for optimum performance, for a long time to come. Acid-tested for 30 minutes, the gold fin showed no obvious signs of corrosion, unlike the blue fin.



SUPER-IONIZER

The super-ionizer breaks down allergens such as pollen and other fine particles to purify ambient air and provide a sensation of fresh air. It generates negative electrons which, when they come into contact with airborne particles, produce a chemical reaction that eliminates them.



+ PRODUCT

- RC18 remote control included (see p.146)
- Heating performance until -25°C (in monosplit configuration)
- Wi-Fi built-in
- Compatible with ZDAA multisplit

Connectivity



Technology



3D SWING



GOLDEN FIN TREATMENT



OPTIPOWER

Air quality



IONIZER



ANTIBACTERIAL FILTER



AUTO CLEAN/DRY



TRIPLE ACTION FILTER

User functions



I FEEL



NIGHT MODE



QUIET MODE



REFRIGERANT LEAKAGE DETECTOR



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



TEMPERATURE LOCK



MODE LOCK



Wi-Fi

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



LEFT/RIGHT DRAIN CONNECTION



HEATING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



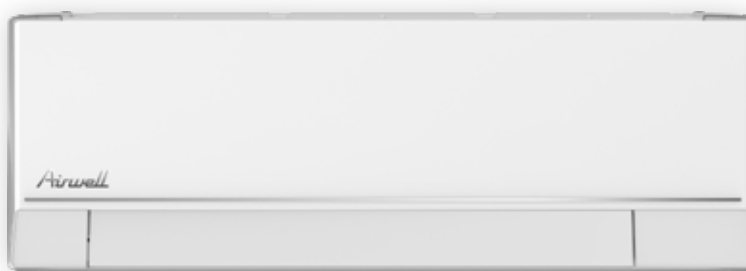
- Certified performance in monosplit configuration

HDHC Artica

High wall - High efficiency & Energetic efficiency


COOLING
A+++

HEATING
A++

FLUID
R32

RC18
included

+ "SUSTAINABLE DEVELOPMENT"

- High seasonal performance (SEER/SCOP).
- Energy label A+++ in cooling mode and A++ in heating mode guaranteeing energy savings.
- Environment friendly R32 refrigerant.

+ "TECHNOLOGY"

- Resistor in outdoor unit for heating performance and comfort down to -25°C.
- Room sensor built into the remote control for better comfort ("I Feel" mode by pressing the Turbo button on the remote control for 7 s).
- Automatic cleaning of heat exchangers for better hygiene and performance.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
- Optimise power consumption with the "OptiPower" function, offering power settings of 50%, 75% or 100%, for energy savings tailored to your needs.

+ "USER"

- Multi-directional air louvers for air distribution throughout the room.
- Wi-Fi included for remote control of the unit.
- Low noise level ideal for living rooms (bedroom, office, living room, etc.).

+ "INSTALLER"

- Installer mode for operating parameters reading.
- Technician mode for adjusting certain operating parameters.
- Condensate drain to the right or left for ease of installation in the room.
- Spirit level built into the wall bracket.
- Mobile strut on the rear of the unit for easy connections.
- Easy access to the condensate pan for servicing.



High-performance at extreme temperatures:

→ **Heating function down to -25°C.**

TECHNICAL DATA

INDOOR UNIT		HDHC-025N-09M25	HDHC-035N-09M25	HDHC-050N-09M25	HDHC-070N-09M25
Part number		7SP023280	7SP023281	7SP023282	7SP023283
Phase		Single-phase	Single-phase	Single-phase	Single-phase

COOLING

Rated power (min./max.)	kW	2.73 (1.32~3.81)	3.52 (1.32~3.96)	5.28 (1.99~6.13)	7.03 (2.11~8.21)
Pdesignc	kW	2.60	3.50	5.30	7.00
Rated power input / EER	kW	0.57/4.54	0.86/4.05	1.29/4.10	1.77/3.95
SEER/Energy label		8.6/A+++	8.5/A+++	8.5/A+++	8.5/A+++
Operating limits	°C	-15~50° Dry bulb			

HEATING

Rated power (min./max.)	kW	3.14 (0.88~4.40)	3.96 (0.88~4.54)	5.57 (1.35~6.77)	7.33 (1.55~8.21)
Pdesignh (average climate)	kW	2.40	2.40	4.30	5.00
Pdesignh (warmer climate)	kW	2.40	2.50	4.30	5.50
Pdesignh (colder climate)	kW	3.60	3.60	6.40	7.30
Rated power input / COP	kW	0.66/4.54	0.98/3.98	1.51/3.71	2.02/3.71
SCOP/Energy label (average climate)		4.6/A++	4.6/A++	4.3/A+	4.2/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.4/A+++	5.3/A+++
SCOP/Energy label (colder climate)		3.8/A	3.8/A	3.6/A	3.3/B
Operating limits	°C	-25~24° Dry bulb			
Power at -7°C	kW	3.42	3.47	4.78	6.76
Power at -10°C	kW	3.26	3.31	4.56	6.45
Power at -15°C	kW	3.06	3.10	4.27	6.04

INDOOR UNIT

Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	20/22/32/37	21/22/33/40	22/23/35/41	21/33/40/44
Sound level	dB(A)	58	59	59	64
Airflow (LS/MS/HS)	m³/h	280/360/530	290/380/560	400/580/685	379/724/1092
Dehumidification	l/h	1.00	1.20	1.80	2.40
Outline dimensions (WxHxD)	mm	855x297x231	855x297x231	1023x319x245	1196x370x275
Package dimensions (WxHxD)	mm	920x305x370	920x305x370	1095x325x400	1280x355x455
Net weight/Gross weight	kg	11/14.2	11/14.2	13.2/17.7	21.1/29.3

OUTDOOR UNIT		YDAC-025R-09M25	YDAC-035R-09M25	YDAC-050R-09M25	YDAC-070R-09M25
Part number		7SP063220	7SP063221	7SP063222	7SP063223
Sound pressure level at 1 m	dB(A)	53	53	54	58.5
Sound level	dB(A)	64	65	65	67
Airflow	m³/h	2200	2200	3500	3500
Compressor type		Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	805x554x330	805x554x330	890x673x342	890x673x342
Package dimensions (WxHxD)	mm	915x615x370	915x615x370	995x740x398	995x740x398
Net weight/Gross weight	kg	28.4/31	28.4/31	38.8/41.9	45.6/48.8

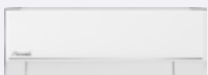
POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G2.5
Fuse rating am	A	16	16	16	20
Electrical connections in/out	mm²	5G1.5	5G1.5	5G1.5	5G1.5

PIPE LINE

Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max. length	m	25	25	30	50
Max. height	m	10	10	20	25
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	0.69	0.69	1.1	1.5
Additional charge	g/m	12	12	12	24

MATCHING

INDOOR UNIT
HIGH WALL

HDHC Artica



COMPATIBLE WITH OUTDOOR UNIT	
MONOSPLIT	MULTISPLIT
	
YDAC	ZDAA

+ PRODUCT

- RC19 remote control included (see p.148)
- Design
- Performance
- Air quality (ionizer + filters)
- Quiet
- Compatible with YDZC and ZDAA multisplits

Connectivity



Technology



3D SWING



GOLDEN FIN TREATMENT

Air quality



IONIZER



ANTIBACTERIAL FILTER



AUTO CLEAN/DRY



TRIPLE ACTION FILTER

User functions



I FEEL



NIGHT MODE



QUIET MODE



REFRIGERANT LEAKAGE DETECTOR



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



TEMPERATURE LOCK



MODE LOCK



Wi-Fi

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



LEFT/RIGHT DRAIN CONNECTION



HEATING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate:

www.eurovent-certification.com


- Certified performance in monosplit configuration

HDMB Harmonia

Colour range High wall


COOLING
A+++

HEATING
A++

FLUID
R32

COMPLETE SETS:



HDMB Harmonia White



HDMB Harmonia Mirror



HDMB Harmonia Grey


RC19
included

BUILD YOUR DEVICE:

1 Choose color of your indoor unit



HDMB Harmonia White



HDMB Harmonia Grey

2 then select the panel colour reference



Silver Grey



Champagne Beige



Passion Red

+ "SUSTAINABLE DEVELOPMENT"

- High seasonal performance (SEER/SCOP).
- Energy label A+++ in cooling mode and A++ in heating mode depending on model guaranteeing energy savings.
- Environment friendly R32 refrigerant.

+ "USER"

- Contemporary design to fit any interior.
- High-performance ionizer and filters for better air quality.
- Multi-directional air louvers for air distribution throughout the room.
- Wi-Fi included for remote control of the unit.
- Low noise level ideal for living rooms (bedroom, office, living room, etc.).

+ "TECHNOLOGY"

- Room sensor built into the remote control for better comfort ("I Feel" mode).
- Automatic cleaning of heat exchangers for better hygiene and performance.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.

+ "INSTALLER"

- Installer mode for operating parameters reading.
- Technician mode for adjusting certain operating parameters.
- Condensate drain to the right or left for ease of installation in the room.

TECHNICAL DATA

INDOOR UNIT - WHITE		HDMB-025N-09M22*	HDMB-035N-09M22*	HDMB-050N-09M22	HDMB-070N-09M22
Indoor unit part number - White		7SP023235	7SP023236	7SP023237	7SP023238
INDOOR UNIT - GREY		HDMB-025N-09M22-GY*	HDMB-035N-09M22-GY*	HDMB-050N-09M22-GY	HDMB-070N-09M22-GY
Indoor unit part number - Grey		7SP023244	7SP023245	7SP023246	7SP023247
INDOOR UNIT - MIRROR		HDMB-025N-09M22-MR*	HDMB-035N-09M22-MR*	HDMB-050N-09M22-MR	HDMB-070N-09M22-MR
Indoor unit part number - Mirror		7SP023240	7SP023241	7SP023242	7SP023243
Phase		Single-phase	Single-phase	Single-phase	Single-phase
COOLING					
Rated power (min./max.)	kW	2.64 (1.02~3.22)	3.51 (1.37~4.29)	5.27 (3.39~5.90)	7.03 (2.11~8.21)
Pdesignc	kW	2.60	3.50	5.30	7.00
Rated power input / EER	kW	0.61/4.30	0.98/3.60	1.55/3.42	2.51/2.79
SEER/Energy label		9.3/A+++	8.5/A+++	7.0/A++	6.5/A++
Operating limits	°C	-15~50° Dry bulb			
HEATING					
Rated power (min./max.)	kW	2.92 (0.82~3.37)	3.81 (1.07~4.38)	5.57 (3.10~5.85)	7.33 (1.55~8.21)
Pdesignh (average climate)	kW	2.40	2.60	4.10	4.90
Pdesignh (warmer climate)	kW	2.70	3.00	4.50	5.30
Rated power input / COP	kW	0.64/4.56	0.98/3.89	1.50/3.71	2.13/3.43
SCOP/Energy label (average climate)		4.6/A++	4.6/A++	4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)		6.0/A+++	6.1/A+++	5.1/A+++	5.1/A+++
Operating limits	°C	-15~24° Dry bulb			
Power at -7 °C	kW	2.78	3.18	4.73	7.20
Power at -10 °C	kW	2.65	3.03	4.52	6.87
Power at -15 °C	kW	2.48	2.84	4.23	6.43
INDOOR UNIT					
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	20/24/29/36	21/25/33/39	22/28/33/43	25/30/41/47
Sound level	dB(A)	55	55	58	63
Airflow (LS/MS/HS)	m³/h	303/362/483	395/477/584	420/500/730	640/830/1020
Dehumidification	l/h	0.9	1.2	1.8	2.4
Outline dimensions (WxHxD)	mm	802x297x189	802x297x189	965x319x215	1080x335x226
Package dimensions (WxHxD)	mm	875x380x285	875x380x285	1045x410x305	1155x320x415
Net weight/Gross weight	kg	8.6/11.1	8.6/11.1	10.9/14.2	13.7/17.3
PANEL					
Panel part number - Silver Grey		7ACTL0551	7ACTL0551	7ACTL0552	7ACTL0553
Panel part number - Champagne Beige		7ACTL0543	7ACTL0543	7ACTL0544	7ACTL0545
Panel part number - Passion Red		7ACTL0547	7ACTL0547	7ACTL0548	7ACTL0549

OUTDOOR UNIT		YDAB-025H-09M22	YDAB-035H-09M22	YDAB-050H-09M22	YDAB-070H-09M22
Part number		7SP063155	7SP063156	7SP063157	7SP063158
Sound pressure level at 1 m	dB(A)	49	51	53	55
Sound level	dB(A)	60	62	64	66
Airflow	m³/h	2150	2200	2100	3500
Compressor type		Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	765x555x303	765x555x303	805x554x330	890x673x342
Package dimensions (WxHxD)	mm	887x610x337	887x610x337	915x615x370	995x740x398
Net weight/Gross weight	kg	26.4/29.5	26.4/29.5	32.8/36.2	43.9/46.9
POWER SUPPLY					
Phase/Voltage/Frequency		1P/220-240V/50-60Hz	1P/220-240V/50-60Hz	1P/220-240V/50-60Hz	1P/220-240V/50-60Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G2.5
Fuse rating am	A	16	16	16	20
Electrical connections in/out	mm²	5G1.5	5G1.5	5G1.5	5G1.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max. length	m	25	25	30	50
Max. height	m	10	10	20	25
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	0.62	0.62	1.10	1.45
Additional charge	g/m	12	12	12	24

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW22	7ACEL1778		• Weekly timer, mode, fan speed, On/Off timer, "I Feel" function, temperature.
Dry On/Off contact adapter (mandatory with RCW22)	7ACEL1788		• Air conditioning external control.
Condensate pump FlowwatchDesign (gutter)	7ACTL0518		• Condensate evacuation from indoor units.

MATCHING

INDOOR UNIT	
HIGH WALL	
	
HDMB Colour range	
COMPATIBLE WITH OUTDOOR UNIT	
MONOSPLIT	MULTISPLIT
	
YDAB	ZDAA
	
	YDZC

+ PRODUCT

- RC08A remote control included (see p.144)
- Wide range from 2 to 6 kW
- Wi-Fi compatible (AirHome solution)
- Compatible with ZDAE multisplit

Connectivity



Air quality



AUTO CLEAN/DRY



BLUE FIN TREATMENT

User functions



I FEEL



NIGHT MODE



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



Wi-Fi

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



LEFT/RIGHT DRAIN CONNECTION



DRY CONTACT ON/OFF

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Certified performance in monosplit configuration

HDLE Aura

High wall - Built-in Wi-Fi

COOLING
A++HEATING
A+FLUID
R32RC08A
included

+ "SUSTAINABLE DEVELOPMENT"

- Energy label A++ in cooling mode and A+ in heating mode depending on model guaranteeing energy savings.
- Environment friendly R32 refrigerant.

+ "TECHNOLOGY"

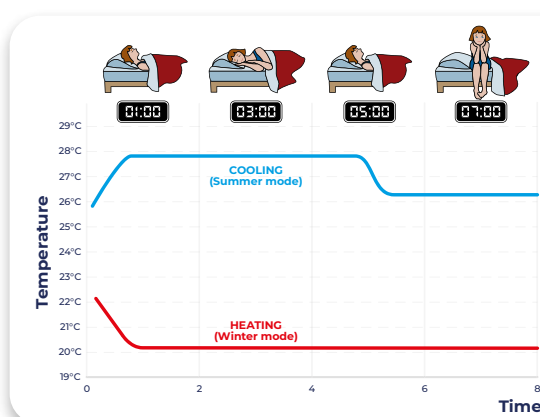
- Room sensor built into the remote control for better comfort ("I Feel" mode).
- Automatic cleaning and drying of the indoor unit for better hygiene.

+ "INSTALLER"

- Condensate drain to the right or left for ease of installation in the room.

+ "USER"

- Modern and sleek design.
- High-performance filters that trap dust and particles for better air quality.



Night mode:

→ Improved comfort and energy savings

OPTIONS

ACCESSORY

PART
NUMBER

PICTURE

FUNCTION

Wired remote control RCW27
(see p.154)

7ACEL1874



- Weekly programming, mode setting, temperature setting, fan speed, key lock.

TECHNICAL DATA

INDOOR UNIT			HDLE-022N-09M25	HDLE-025N-09M25	HDLE-035N-09M25	HDLE-050N-09M25	HDLE-070N-09M25
Part number			7SP023270	7SP023271	7SP023272	7SP023273	7SP023274
Phase			Single-phase	Single-phase	Single-phase	Single-phase	Single-phase
COOLING							
Rated power (min./max.)		kW	2.20 (0.30-2.85)	2.70 (0.60-3.40)	3.20 (0.90-3.60)	4.60 (1.00-5.30)	6.20 (1.80-6.90)
Pdesignc		kW	2.20	2.70	3.20	4.60	6.20
Rated power input / EER		kW	0.59/3.73	0.74/3.65	0.99/3.23	1.36/3.38	1.83/3.39
SEER/Energy label			6.6/A++	6.6/A++	6.1/A++	6.4/A++	6.8/A++
Operating limits		°C	-15°~43°C Dry bulb				
HEATING							
Rated power (min./max.)		kW	2.40 (0.60-2.90)	2.50 (0.60-3.70)	3.16 (0.90-4.00)	5.20 (1.00-5.65)	6.50 (1.30-7.03)
Pdesignh (average climate)		kW	2.10	2.60	2.70	3.70	4.70
Pdesignh (warmer climate)			2.10	2.80	2.80	3.60	4.70
Rated power input / COP		kW	0.59/4.07	0.70/3.57	0.85/3.72	1.34/3.88	1.91/3.40
SCOP/Energy label (average climate)			4.0/A+	4.2/A+	4.0/A+	4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)			4.8/A++	5.2/A++	4.9/A++	5.1/A++	5.1/A++
Operating limits		°C	-15°~24°C Dry bulb				
Power at -7°C		kW	2.28	2.60	3.16	4.42	5.15
Power at -10°C		kW	2.20	2.57	3.12	4.16	4.50
Power at -15°C		kW	1.94	2.27	2.75	3.74	4.39
INDOOR UNIT							
Sound pressure level at 1 m (LS/MS/HS)		dB (A)	22/36/39	21/38/41	21/38/41	27/42/44	26/45/48
Sound level (LS/MS/HS)		dB (A)	37/48/55	36/50/57	34/50/57	41/52/54	42/57/60
Airflow (LS/MS/HS)		m³/h	290/470/500	280/520/550	280/480/590	550/800/850	400/800/900
Dehumidification		l/h	0.60	1.40	1.40	1.80	1.80
Outline dimensions (WxHxD)		mm	713x270x195	790x275x200	790x275x200	970x300x224	970x300x224
Package dimensions (WxHxD)		mm	776x362x268	866x367x271	866x367x271	1041x383x320	1041x383x320
Net weight/Gross weight		kg	8/9.5	9/11	9/11	13.5/16	13/15.5

OUTDOOR UNIT			YDAE-022R-09M25	YDAE-025R-09M25	YDAE-035R-09M25	YDAE-050R-09M25	YDAE-070R-09M25
Part number			7SP063200	7SP063201	7SP063202	7SP063203	7SP063204
Sound pressure level at 1 m		dB (A)	49	51	51	52	54
Sound level		dB (A)	60	62	64	63	65
Airflow		m³/h	1400	1950	1950	1950	2800
Compressor type			Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)		mm	710x450x293	732x550x330	732x550x330	732x555x330	873x555x376
Package dimensions (WxHxD)		mm	764x525x330	792x620x393	792x620x393	794x615x376	951x620x431
Net weight/Gross weight		kg	21/23	25/27.5	25/27.5	26.5/29	36.5/39.5
POWER SUPPLY							
Phase/Voltage/Frequency			1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section		mm²	3G1.5	3G1.5	3G1.5	3G1.5	3G1.5
Fuse rating am		A	16	16	16	16	16
Electrical connections in/out		mm²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5
PIPE LINE							
Suction pipe diameter		inches	3/8"	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter		inches	1/4"	1/4"	1/4"	1/4"	1/4"
Max. length		m	15	15	15	25	25
Max. height		m	10	10	10	10	10
Refrigerant/GWP			R32/675	R32/675	R32/675	R32/675	R32/675
Charge (5 m)		kg	0.45	0.53	0.55	0.75	1.23
Additional charge		g/m	16	16	16	16	16

MATCHING

INDOOR UNIT
HIGH WALL

HDLE Aura



COMPATIBLE WITH OUTDOOR UNIT		
MONOSPLIT	MULTISPLIT	
		
YDAE	ZDAE	YDZB

+ PRODUCT

- RC19 remote control included (see p.148)
- Design
- Performance
- Compatible with YDZC and ZDAA multisplits

Connectivity



Air quality



AUTO CLEAN/DRY



GOLDEN FIN TREATMENT

User functions



I FEEL



NIGHT MODE



QUIET MODE



REFRIGERANT LEAKAGE DETECTOR



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



LEFT/RIGHT DRAIN CONNECTION



HEATING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Certified performance in monosplit configuration

HDLA Aura

High wall - Built-in Wi-Fi

COOLING
A++HEATING
A+FLUID
R32

RC19 included

+ “SUSTAINABLE DEVELOPMENT”

- Energy label A++ in cooling mode and A+ in heating mode depending on model guaranteeing energy savings.
- Environment friendly R32 refrigerant.

+ “USER”

- Modern and sleek design.
- High-performance filters that trap dust and particles for better air quality.

+ “TECHNOLOGY”

- Room sensor built into the remote control for better comfort (“I Feel” mode).
- Automatic cleaning and drying of the indoor unit for better hygiene.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.

+ “INSTALLER”

- Installer mode for direct reading of the probes on the indoor unit.
- Technician mode for adjusting certain operating parameters.
- Condensate drain to the right or left for ease of installation in the room.



Longer product service life:

- **Golden Fin exchanger.**
- **Anti-corrosion treatment on PCB.**

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW8	7ACEL1706		• Fan speed mode, timer, on/off, temperature and swing.
AirHome Wi-Fi module	7ACEL1744		• Control air conditioners with your smartphone, tablet or computer via a wireless router and internet.
Condensate pump FlowwatchDesign (gutter)	7ACTL0518		• Condensate evacuation from indoor units.

TECHNICAL DATA

INDOOR UNIT		HDLA-025N-09M25	HDLA-035N-09M25	HDLA-050N-09M25	HDLA-070N-09M25
Part number		7SP023250	7SP023251	7SP023252	7SP023253
Phase		Single-phase	Single-phase	Single-phase	Single-phase
COOLING					
Rated power (min./max.)	kW	2.64 (0.91~3.40)	3.52 (1.11~4.16)	5.28 (1.82~6.16)	7.03 (2.08~7.91)
P _{designc}	kW	2.80	3.60	5.20	7.00
Rated power input	kW	0.73	1.21	1.55	2.60
SEER/Energy label		6.3/A++	6.1/A++	7.4/A++	6.1/A++
Operating limits	°C	-15~50° Dry bulb			

HEATING					
Rated power (min./max.)	kW	2.93 (0.821~3.370)	3.81 (1.08~4.22)	5.57 (1.29~6.74)	7.33 (1.61~7.91)
P _{designh} (average climate)	kW	2.60	2.70	4.10	4.80
P _{designh} (warmer climate)		2.60	2.50	4.40	5.80
Rated power input	kW	0.73	1.09	1.57	2.40
SCOP/Energy label (average climate)		4.0/A+	4.0/A+	4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	4.8/A++
Operating limits	°C	-15~30° Dry bulb			
Power at -7°C	kW	2.29	2.39	3.68	4.25
Power at -10°C	kW	2.03	2.04	3.40	3.89
Power at -15°C	kW	1.63	1.64	2.72	3.11

INDOOR UNIT					
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	21/25/32/38.5	21/25/34.5/40.5	20/26/36/42.5	36/40.5/45
Sound level	dB(A)	54	55	56	59
Airflow (LS/MS/HS)	m³/h	325/360/466	325/430/540	540/680/840	662/817/980
Dehumidification	l/h	0.9	1.2	1.8	2.4
Outline dimensions (WxHxD)	mm	805x285x194	805x285x194	957x302x213	1040x327x220
Package dimensions (WxHxD)	mm	870x365x270	870x365x270	1035x385x295	1120x315x405
Net weight/Gross weight	kg	7.5/9.8	7.6/9.9	10.0/12.1	12.3/15.8

OUTDOOR UNIT		YDAA-025H-09M25	YDAA-035H-09M25	YDAA-050H-09M25	YDAA-070H-09M25
Part number		7SP063160	7SP063161	7SP063162	7SP063163
Sound pressure level at 1 m	dB(A)	51	52	52	56
Sound level	dB(A)	62	63	63	67
Airflow	m³/h	1750	1800	2100	3500
Compressor type		Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	720x495x270	720x495x270	805x554x330	890x673x342
Package dimensions (WxHxD)	mm	835x540x300	835x540x300	915x615x370	995x740x398
Net weight/Gross weight	kg	23.2/25	23.2/25.2	32.7/35.5	42.9/45.7

POWER SUPPLY					
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating am (courbe D)	A	10	10	16	20
Shielded electrical connections	mm²	1.5x5	1.5x5	1.5x5	2.5x5

PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max. length	m	25	25	30	50
Max. height	m	10	10	20	25
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	0.55	0.55	1.08	1.42
Additional charge	g/m	12	12	12	24

MATCHING

INDOOR UNIT
HIGH WALL

HDLA Aura



COMPATIBLE WITH OUTDOOR UNIT		
MONOSPLIT	MULTISPLIT	
		
YDAA	ZDAA	YDZC





MULTISPLIT

Range



MODELS

FLUID kW

p.80

ZDAA



Compatible with: HDHC Artica and HDMB Harmonia, HDLA Aura high walls, XDMX console, FDMX floor ceiling, DDMX ducted and CDMX cassette

R32 5.3 to 13

p.92

ZDAE



Compatible with: HDLE Aura high wall and XDLF console

R32 4.1 to 12

COMPATIBLE INDOOR UNITS

OUTDOOR UNITS	NB MAX OF IDU	HIGH WALL HDHC ARTICA	HIGH WALL HDMB HARMONIA	HIGH WALL HDLA AURA	CONSOLE XDMX	FLOOR CEILING FDMX	DUCTED DDMX	CASSETTE CDMX
ZDAA-2040	2	✓ Sizes 25/35/50	✓ Sizes 25/35/50	✓ Sizes 22/25/35/50	✓ Sizes 35/50	✓ Size 50	✓ Sizes 22/35/50	✓ Sizes 22/25/35/50
ZDAA-2050	2	✓ Sizes 25/35/50	✓ Sizes 25/35/50	✓ Sizes 22/25/35/50	✓ Sizes 35/50	✓ Size 50	✓ Sizes 22/35/50	✓ Sizes 22/25/35/50
ZDAA-3080	3	✓ Sizes 25/35/50	✓ Sizes 25/35/50	✓ Sizes 22/25/35/50	✓ Sizes 35/50	✓ Size 50	✓ Sizes 22/35/50	✓ Sizes 22/25/35/50
ZDAA-4090	4	✓ Sizes 25/35/50/70	✓ Sizes 25/35/50/70	✓ Sizes 22/25/35/50/70	✓ Sizes 35/50	✓ Sizes 50/70	✓ Sizes 22/35/50/70	✓ Sizes 22/25/35/50/70
ZDAA-5130	5	✓ Sizes 25/35/50/70	✓ Sizes 25/35/50/70	✓ Sizes 22/25/35/50/70	✓ Sizes 35/50	✓ Sizes 50/70	✓ Sizes 22/35/50/70	✓ Sizes 22/25/35/50/70

OUTDOOR UNITS	NB MAX OF IDU	HIGH WALL HDLE AURA	CONSOLE XDLF
ZDAE-2040	2	✓ Sizes 22/25/35/50	✓ Sizes 25/35/50
ZDAE-2050	2	✓ Sizes 22/25/35	✓ Sizes 25/35
ZDAE-3060	3	✓ Sizes 22/25/35/50	✓ Sizes 25/35/50
ZDAE-3070	3	✓ Sizes 22/25/35/50	✓ Sizes 25/35/50
ZDAE-4080	4	✓ Sizes 22/25/35/50	✓ Sizes 25/35/50
ZDAE-5130	5	✓ Sizes 22/25/35/50/70	✓ Sizes 25/35/50

+ PRODUCT

- Flexy Match (compatible with most of the range)
- Total piping length up to 80 m
- High capacity compared with market average
- Electronic expansion valve

Connectivity



Technology



ELECTRONIC EXPANSION VALVE



GOLDEN FIN TREATMENT



AUTO-DIAGNOSTIC

Installer functions

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate:

www.eurovent-certification.com



- Models marked * are not Eurovent certified

ZDAA Multisplit



COOLING
A++



HEATING
A+

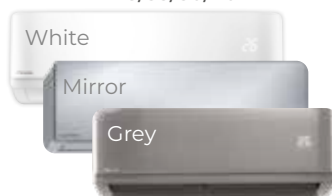


FLUID
R32

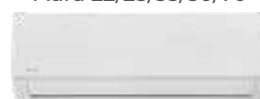


COMPATIBLE WITH:

High wall HDMB Harmonia
25/35/50/70



High wall HDLA
Aura 22/25/35/50/70



Floor ceiling
FDMX 50/70



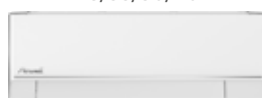
Console XDMX
35/50



Ducted DDMX
22/35/50/70



High wall HDHC Artica
25/35/50/70



Cassette CDMX
22/25/35/50/70



+ "SUSTAINABLE DEVELOPMENT"

- High energy label A++ (cooling mode) / A+ (heating mode).
- Energy savings (heating mode only, setpoint limits).

+ "USER"

- A large choice of indoor units.
- Small footprint with a single outdoor unit.

+ "INSTALLER"

- Scalable and flexible installation.
- Long piping.

+ "TECHNOLOGY"

- High corrosion resistance with the Golden Fin.
- Refrigerant leak detection.



Longer product service life:

- **Golden Fin exchanger.**
- **Anti-corrosion treatment on PCB.**

TECHNICAL DATA

OUTDOOR UNIT		ZDAA-2040-09M25	ZDAA-2050-09M25	ZDAA-3080-09M25*	ZDAA-4090-09M25*	ZDAA-5130-09M25*
Part number		7SP091194	7SP091195	7SP091196	7SP091197	7SP091198
Phase		Single-phase	Single-phase	Single-phase	Single-phase	Single-phase

COOLING						
Rated power (min./max.)	kW	4.10 (1.47~4.69)	5.28 (2.28~5.70)	7.91 (3.08~8.21)	10.55 (2.05~10.55)	12.31 (3.17~12.31)
P _{designc}	kW	4.10	5.30	7.90	10.50	12.30
Rated power input / EER	kW	1.27/3.23	1.63/3.24	2.45/3.23	3.52/3.00	3.81/3.23
SEER/Energy label		6.1/A++	6.3/A++	6.3/A++	6.3/A++	6.1/A++
Operating limits	°C	-15°/50° Dry bulb				

HEATING						
Rated power (min./max.)	kW	4.40 (1.62~4.99)	5.57 (2.40~5.74)	8.21 (2.40~8.21)	10.55 (2.34~11.14)	12.31 (3.37~12.31)
P _{designh} (average climate)	kW	3.90	4.50	5.70	8.80	9.50
P _{designh} (warmer climate)		4.10	5.00	6.00	9.80	9.80
Rated power input / COP	kW	1.18/3.73	1.50/3.71	2.21/3.71	2.88/3.66	3.31/3.72
SCOP/Energy label (average climate)		3.8/A	4.0/A+	4.0/A+	4.0/A+	3.8/A
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++
Power at -7°C	kW	4.09	4.90	6.73	8.23	8.74
Power at -10°C	kW	3.21	3.62	5.66	6.86	7.39
Power at -15°C	kW	2.86	3.23	5.09	6.44	7.02
Operating limits	°C	-15°/24° Dry bulb				

OUTDOOR UNIT

Sound pressure level at 1 m	dB(A)	54	54	56	57	56
Sound level	dB(A)	65	65	68	69	69
Airflow	m³/h	2100	2100	3000	4000	3850
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
Package dimensions (WxHxD)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x875x500
Net weight/Gross weight	kg	32/35	35/38	48/51.8	68.8/75.6	73.3/80.4

POWER SUPPLY

Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G2.5	3G4	3G4
Fuse rating am	A	16	16	20	25	25
Electrical connections in/out	mm²	2 x (4G1.5)	2 x (4G1.5)	3x (4G1.5)	4 x (4G1.5)	5 x (4G1.5)

PIPE LINE

Suction pipe diameter	inches	2x3/8"	2x3/8"	3x3/8"	3x3/8"+1x1/2"	4x3/8"+1x1/2"
Liquid pipe diameter	inches	2x1/4"	2x1/4"	3x1/4"	4x1/4"	5x1/4"
Max. length	m	40	40	60	80	80
Max. length par circuit	m	25	25	30	35	35
Max. height between indoor and outdoor unit	Outdoor unit higher than indoor unit	m	15	15	15	15
	Outdoor unit lower than indoor unit	m	15	15	15	15
Max. height between indoor units	m	10	10	10	10	10
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675	R32/675
Charge	kg	1.10	1.25	1.85	2.10	2.90
Totale length charge	m	15	15	22.5	30	37.5
Additional charge	g/m	12	12	12	12	12

Compatible indoor units



High wall HDHC Artica
25/35/50/70

INDOOR UNIT		HDHC-025N-09M25	HDHC-035N-09M25	HDHC-050N-09M25	HDHC-070N-09M25
Part number		7SP023280	7SP023281	7SP023282	7SP023283
Phase		Single-phase	Single-phase	Single-phase	Single-phase
Cooling rated power	kW	2.73	3.52	5.28	7.03
Heating rated power	kW	3.14	3.96	5.57	7.33
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	20/22/32/37	21/22/33/40	22/23/35/41	21/33/40/44
Sound level	dB(A)	58	59	59	64
Airflow (LS/MS/HS)	m³/h	280/360/530	290/380/560	400/580/685	379/724/1092
Dehumidification	l/h	1.00	1.20	1.80	2.40
Outline dimensions (WxHxD)	mm	855x297x231	855x297x231	1023x319x245	1196x370x275
Package dimensions (WxHxD)	mm	920x305x370	920x305x370	1095x325x400	1280x355x455
Net weight/Gross weight	kg	11/14.2	11/14.2	13.2/17.7	21.1/29.3
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"



High wall
HDMB Harmonia
White 25/35/50/70



High wall
HDMB Harmonia
Mirror 25/35/50/70



High wall
HDMB Harmonia
Grey 25/35/50/70

INDOOR UNIT - WHITE		HDMB-025N-09M22	HDMB-035N-09M22	HDMB-050N-09M22	HDMB-070N-09M22
Indoor unit part number - White		7SP023235	7SP023236	7SP023237	7SP023238
INDOOR UNIT - GREY		HDMB-025N-09M22-GY	HDMB-035N-09M22-GY	HDMB-050N-09M22-GY	HDMB-070N-09M22-GY
Indoor unit part number - Grey		7SP023244	7SP023245	7SP023246	7SP023247
INDOOR UNIT - MIRROR		HDMB-025N-09M22-MR	HDMB-035N-09M22-MR	HDMB-050N-09M22-MR	HDMB-070N-09M22-MR
Indoor unit part number - Mirror		7SP023240	7SP023241	7SP023242	7SP023243
Phase		Single-phase	Single-phase	Single-phase	Single-phase
Cooling rated power	kW	2.64	3.51	5.27	7.03
Heating rated power	kW	2.92	3.81	5.57	7.33
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	20/24/29/36	21/25/33/39	22/28/33/43	25/30/41/47
Sound level	dB(A)	55	55	58	63
Airflow (LS/MS/HS)	m³/h	303/362/483	395/477/584	420/500/730	640/830/1020
Dehumidification	l/h	0.90	1.20	1.80	2.40
Outline dimensions (WxHxD)	mm	802x297x189	802x297x189	965x319x215	1080x335x226
Package dimensions (WxHxD)	mm	875x380x285	875x380x285	1045x410x305	1155x320x415
Net weight/Gross weight	kg	8.6/11.3	8.6/11.3	10.9/12.5	13.7/17.5
Panel part number - Silver Grey		7ACTL0551	7ACTL0551	7ACTL0552	7ACTL0553
Panel part number - Champagne Beige		7ACTL0543	7ACTL0543	7ACTL0544	7ACTL0545
Panel part number - Passion Red		7ACTL0547	7ACTL0547	7ACTL0548	7ACTL0549

PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"



High wall HDLA Aura
22/25/35/50/70

INDOOR UNIT		HDLA-025N-09M25	HDLA-035N-09M25	HDLA-050N-09M25	HDLA-070N-09M25
Part number		7SP023250	7SP023251	7SP023252	7SP023253
Phase		Single-phase	Single-phase	Single-phase	Single-phase
Cooling rated power	kW	2.64 (0.91~3.40)	3.52 (1.11~4.16)	5.28 (1.82~6.16)	7.03 (2.08~7.91)
Heating rated power	kW	2.93 (0.821~3.370)	3.81 (1.08~4.22)	5.57 (1.29~6.74)	7.33 (1.61~7.91)
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	21/25/32/38.5	21/25/34.5/40.5	20/26/36/42.5	36/40.5/45
Sound level	dB(A)	54	55	56	59
Airflow (LS/MS/HS)	m³/h	325/360/466	325/430/540	540/680/840	662/817/980
Dehumidification	l/h	0.9	1.2	1.8	2.4
Outline dimensions (WxHxD)	mm	805x285x194	805x285x194	957x302x213	1040x327x220
Package dimensions (WxHxD)	mm	870x365x270	870x365x270	1035x385x295	1120x315x405
Net weight/Gross weight	kg	7.5/9.8	7.6/9.9	10.0/12.1	12.3/15.8

PIPE LINE

Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"



Console
XDMX 35/50

INDOOR UNIT		XDMX-035N-09M25	XDMX-050N-09M25
Part number		7SP071435	7SP071436
Phase		Single-phase	Single-phase
Cooling rated power	kW	3.52	4.98
Heating rated power	kW	3.81	5.28
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	27/34/37	32/38/41
Sound level	dB(A)	54	55
Airflow (LS/MS/HS)	m³/h	490/580/650	600/690/780
Dehumidification	l/h	1.2	1.8
Outline dimensions (WxHxD)	mm	794x621x200	794x621x200
Package dimensions (WxHxD)	mm	865x280x719	865x280x719
Net weight/Gross weight	kg	14.9/18.8	14.9/18.8

PIPE LINE

Suction pipe diameter	inches	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"

Compatible indoor units



Floor ceiling
FDMX 50/70

INDOOR UNIT		FDMX-050N-09M25	FDMX-070N-09M25
Part number		7SP012300	7SP012301
Phase		Single-phase	Single-phase
Cooling rated power	kW	5.28	7.03
Heating rated power	kW	5.57	7.62
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	37/41/44	43/47/51
Sound level	dB(A)	59	55
Airflow (LS/MS/HS)	m³/h	723/839/958	853/1023/1192
Dehumidification	l/h	1.80	2.40
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235
Package dimensions (WxHxD)	mm	1145x755x318	1145x755x318
Net weight/Gross weight	kg	28/33.4	28/33.2
PIPE LINE			
Suction pipe diameter	inches	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"



Ducted DDMX*
22/35/50/70

INDOOR UNIT		DDMX-022N-09M25	DDMX-035N-09M25	DDMX-050N-09M25	DDMX-070N-09M25
Part number		7SP033069	7SP033070	7SP033071	7SP033072
Phase		Single-phase	Single-phase	Single-phase	Single-phase
Cooling rated power	kW	2.05	3.52	5.28	7.03
Heating rated power	kW	2.34	3.81	5.57	7.62
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	23/27/34/40	23/29/30/34	23/29/30/34	27/37/42/40
Sound level	dB(A)	58	58	58	62
Airflow (LS/MS/HS)	m³/h	230/340/500	300/480/600	515.2/706/911	825.1/1035/1229
External static pressure (standard/max.)	Pa	25/0-40	25/0-60	25/0-100	25/0-160
Dehumidification	l/h	0.7	1.20	1.80	2.40
Outline dimensions (WxHxD)	mm	700x200x506	700x200x506	880x210x674	1100x249x774
Package dimensions (WxHxD)	mm	860x285x540	860x285x540	1070x280x725	1305x315x805
Net weight/Gross weight	kg	17.8/25.2	17.8/21.5	24.4/29.6	32.3/39.1
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"

* In a multisplit configuration, the DDMX is not Wellzone-compatible.



Cassette CDMX
22/25/35/50/70

INDOOR UNIT		CDMX-022N-09M25	CDMX-025N-09M25	CDMX-035N-09M25	CDMX-050N-09M25	CDMX-070N-09M25
Part number		7SP042289	7SP042290	7SP042291	7SP042292	7SP042293
Phase		Single-phase	Single-phase	Single-phase	Single-phase	Single-phase
Cooling rated power	kW	2.05	2.60	3.52	5.28	7.03
Heating rated power	kW	2.35	2.90	3.81	5.57	7.62
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	29/33/38	31/34/39	34/37/42	39/44/45	42/47/50
Sound level	dB(A)	53	54	57	59	59
Airflow (LS/MS/HS)	m ³ /h	400/460/500	400/504/580	389/485/569	479/584/680	992/1118/1247
Dehumidification	l/h	0.7	1.20	1.50	2.00	3.00
Outline dimensions (WxHxD)	mm	570x260x570	570x260x570	570x260x570	570x260x570	830x205x830
Package dimensions (WxHxD)	mm	662x317x662	662x317x662	662x317x662	662x317x662	910x250x910
Net weight/Gross weight	kg	14.5/17.3	14.5/17.3	16.3/20.4	16/22.1	21.6/25.4

PANEL

Outline dimensions (WxHxD)	mm	647x50x647	647x50x647	647x50x647	647x50x647	950x55x950
Package dimensions (WxHxD)	mm	715x123x715	715x123x715	715x123x715	715x123x715	1035x90x1035
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5	6/9
Panel part number		7ACVF0566	7ACVF0566	7ACVF0566	7ACVF0566	7ACVF0600

PIPE LINE

Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"

Combination capacities

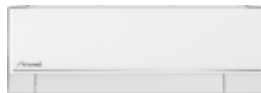


COMPATIBLE WITH:

High wall HDMB Harmonia
25/35/50



High wall HDHC Artica
25/35/50



High wall HDLA
Aura 22/25/35/50



Console XDMX
35/50



Floor ceiling
FDMX 50



Ducted DDMX
22/35/50



Cassette CDMX
22/25/35/50



ZDAA-2040 MULTISPLIT DUO

Indoor unit combination	COOLING										HEATING									
	Rated power (kW)		Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)		Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.		
22	2.00	-	1.23	2.00	2.90	0.30	0.62	0.77	3.25	-	2.45	-	1.32	2.50	2.82	0.28	0.67	0.83	3.75	-
25	2.50	-	1.23	2.50	3.20	0.30	0.77	0.96	3.25	-	2.92	-	1.32	2.90	3.36	0.28	0.78	0.97	3.73	-
35	3.50	-	1.23	3.50	3.90	0.30	1.08	1.35	3.25	-	3.75	-	1.32	3.80	4.31	0.28	1.02	1.28	3.72	-
50	4.10	-	1.35	4.10	4.90	0.40	1.27	1.59	3.23	-	4.40	-	1.45	4.40	5.24	0.38	1.19	1.48	3.71	-
22+22	2.05	2.05	1.76	4.10	4.92	0.44	1.27	1.59	3.23	6.8/A++	2.20	2.20	1.89	4.40	5.28	0.42	1.19	1.48	3.71	4.0/A+
22+25	1.79	2.31	1.76	4.10	4.92	0.44	1.27	1.59	3.23	6.8/A++	1.93	2.48	1.89	4.40	5.28	0.42	1.19	1.48	3.71	4.0/A+
22+35	1.51	2.59	1.76	4.10	4.92	0.44	1.27	1.59	3.23	6.8/A++	1.62	2.78	1.89	4.40	5.28	0.42	1.19	1.48	3.71	4.0/A+
25+25	2.05	2.05	1.76	4.10	4.92	0.44	1.27	1.59	3.23	6.8/A++	2.20	2.20	1.89	4.40	5.28	0.42	1.19	1.48	3.71	4.0/A+
25+35	1.76	2.34	1.76	4.10	4.92	0.44	1.27	1.59	3.23	6.8/A++	1.89	2.51	1.89	4.40	5.28	0.42	1.19	1.48	3.71	4.0/A+

Based on HDMB Harmonia high wall combination

ZDAA-2050 MULTISPLIT DUO

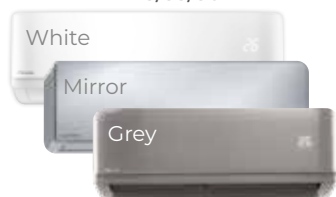
Indoor unit combination	COOLING										HEATING									
	Rated power (kW)		Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)		Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.		
22	2.00	-	1.43	2.00	2.90	0.35	0.60	0.75	3.35	-	2.50	-	1.56	2.50	3.03	0.32	0.67	0.83	3.75	-
25	2.50	-	1.43	2.50	3.20	0.35	0.75	0.93	3.35	-	3.00	-	1.56	3.00	3.63	0.32	0.80	1.00	3.75	-
35	3.50	-	1.43	3.50	3.90	0.35	1.08	1.29	3.25	-	3.80	-	1.56	3.80	4.60	0.32	1.00	1.20	3.81	-
50	5.00	-	1.64	5.00	5.51	0.45	1.55	1.89	3.23	-	5.20	-	1.73	5.20	5.79	0.42	1.35	1.88	3.85	-
22+22	2.65	2.65	2.12	5.30	5.62	0.54	1.64	2.05	3.23	6.1/A++	2.50	2.50	2.23	5.00	6.04	0.51	1.35	1.88	3.71	4.0/A+
22+25	2.32	2.98	2.12	5.30	5.83	0.54	1.64	2.05	3.23	6.1/A++	2.32	2.98	2.23	5.30	6.12	0.51	1.43	1.88	3.71	4.0/A+
22+35	1.95	3.35	2.12	5.30	6.41	0.54	1.64	2.05	3.23	6.1/A++	2.03	3.47	2.23	5.50	6.36	0.51	1.48	1.88	3.71	4.0/A+
22+50	1.48	3.85	2.12	5.30	6.47	0.54	1.64	2.05	3.23	6.1/A++	1.60	4.14	2.23	5.70	6.60	0.51	1.54	1.88	3.71	4.0/A+
25+25	2.65	2.65	2.12	5.3	6.41	0.54	1.64	2.05	3.23	6.3/A++	2.78	2.78	2.23	5.57	6.68	0.51	1.50	1.88	3.71	4.0/A+
25+35	2.27	3.03	2.12	5.3	6.41	0.54	1.64	2.05	3.23	6.3/A++	2.39	3.18	2.23	5.57	6.68	0.51	1.50	1.88	3.71	4.0/A+
25+50	1.77	3.53	2.12	5.3	6.47	0.54	1.64	2.05	3.23	6.3/A++	1.86	3.71	2.23	5.57	6.68	0.51	1.50	1.88	3.71	4.0/A+
35+35	2.65	2.65	2.12	5.3	6.41	0.54	1.64	2.05	3.23	6.3/A++	2.79	2.79	2.23	5.57	6.68	0.51	1.50	1.88	3.71	4.0/A+

Based on HDMB Harmonia high wall combination

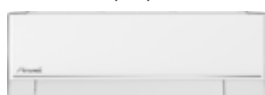


COMPATIBLE WITH:

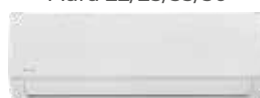
High wall HDMB Harmonia
25/35/50



High wall HDHC Artica
25/35/50



High wall HDLA
Aura 22/25/35/50



Console XDMX
35/50



Floor ceiling
FDMX 50



Ducted DDMX
22/35/50



Cassette CDMX
22/25/35/50



ZDAA-3080 MULTISPLIT TRIO

Indoor unit combination	COOLING											HEATING										
	Rated power (kW)			Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)			Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.		
22	2.00	-	-	1.58	2.00	2.90	0.40	0.62	0.77	3.23	-	2.50	-	-	1.64	2.50	2.90	0.40	0.67	0.84	3.73	-
25	2.50	-	-	1.58	2.50	3.20	0.40	0.77	0.97	3.23	-	3.00	-	-	1.64	3.00	3.20	0.40	0.80	1.01	3.73	-
35	3.50	-	-	1.58	3.50	3.90	0.40	1.08	1.30	3.23	-	3.80	-	-	1.64	3.80	3.90	0.40	1.02	1.22	3.73	-
50	5.00	-	-	1.78	5.00	6.50	0.50	1.55	1.78	3.23	-	5.20	-	-	1.89	5.20	7.22	0.50	1.39	1.59	3.75	-
22+22	2.10	2.10	-	2.22	4.20	6.33	0.64	1.30	2.08	3.23	5.6/A+	2.50	2.50	-	2.30	5.00	6.56	0.57	1.35	1.87	3.71	3.8/A
22+25	2.06	2.64	-	2.22	4.70	6.73	0.64	1.46	2.20	3.23	5.6/A+	2.45	3.15	-	2.30	5.60	6.98	0.57	1.51	1.98	3.71	3.8/A
22+35	1.95	3.35	-	2.22	5.30	7.12	0.64	1.64	2.45	3.23	5.6/A+	2.21	3.79	-	2.30	6.00	7.39	0.57	1.62	2.20	3.71	3.8/A
22+50	1.82	4.68	-	2.22	6.50	7.91	0.64	2.01	2.69	3.23	5.6/A+	1.96	5.04	-	2.30	7.00	8.21	0.57	1.89	2.42	3.71	3.8/A
25+25	2.65	2.65	-	2.22	5.30	7.12	0.64	1.64	2.45	3.23	5.6/A+	3.00	3.00	-	2.30	6.00	7.39	0.57	1.62	2.20	3.71	3.8/A
25+35	2.57	3.43	-	2.22	6.00	7.52	0.64	1.86	2.57	3.23	5.6/A+	2.70	3.60	-	2.30	6.30	7.80	0.57	1.70	2.31	3.71	3.8/A
25+50	2.27	4.53	-	2.22	6.80	7.91	0.64	2.11	2.69	3.23	5.6/A+	2.33	4.67	-	2.30	7.00	8.21	0.57	1.89	2.42	3.71	3.8/A
35+35	3.15	3.15	-	2.22	6.30	7.68	0.64	1.95	2.65	3.23	5.6/A+	3.25	3.25	-	2.30	6.50	7.96	0.57	1.75	2.38	3.71	3.8/A
35+50	2.72	4.08	-	2.22	6.80	7.91	0.64	2.11	2.69	3.23	5.6/A+	2.80	4.20	-	2.30	7.00	8.21	0.57	1.89	2.42	3.71	3.8/A
22+22+22	2.43	2.43	2.43	2.77	7.30	8.70	0.76	2.26	2.92	3.23	6.1/A++	2.73	2.73	2.73	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
22+22+25	2.25	2.25	2.90	2.77	7.40	8.70	0.76	2.29	2.92	3.23	6.1/A++	2.50	2.50	3.21	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
22+22+35	2.13	2.13	3.65	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.1/A++	2.21	2.21	3.78	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
22+22+50	1.73	1.73	4.44	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.1/A++	1.79	1.79	4.61	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
22+25+25	2.13	2.74	2.74	2.77	7.60	8.70	0.76	2.35	2.92	3.23	6.1/A++	2.30	2.95	2.95	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
22+25+35	1.98	2.54	3.39	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.1/A++	2.05	2.64	3.51	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
22+25+50	1.63	2.09	4.18	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.1/A++	1.69	2.17	4.34	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
22+35+35	1.78	3.06	3.06	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.1/A++	1.85	3.17	3.17	2.87	8.20	9.85	0.68	2.21	2.75	3.71	4.0/A+
25+25+25	2.64	2.64	2.64	2.77	7.91	8.70	0.76	2.45	2.92	3.23	6.3/A++	2.74	2.74	2.74	2.87	8.21	9.85	0.68	2.20	2.75	3.73	4.0/A+
25+25+35	2.37	2.37	3.16	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.3/A++	2.46	2.46	3.28	2.87	8.20	9.85	0.68	2.20	2.75	3.73	4.0/A+
25+35+35	2.15	2.87	2.87	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.3/A++	2.24	2.98	2.98	2.87	8.20	9.85	0.68	2.20	2.75	3.73	4.0/A+
35+35+35	2.63	2.63	2.63	2.77	7.90	8.70	0.76	2.45	2.92	3.23	6.3/A++	2.73	2.73	2.73	2.87	8.20	9.85	0.68	2.20	2.75	3.73	4.0/A+

Based on HDMB Harmonia high wall combination

Optimum combinations

Combination capacities



COMPATIBLE WITH:

High wall HDMB Harmonia
25/35/50/70



High wall HDHC Artica
25/35/50/70



High wall HDLA
Aura 22/25/35/50/70



Console XDMX
35/50



Floor ceiling
FDMX 50/70



Ducted DDMX
22/35/50/70



Cassette CDMX
22/25/35/50/70



ZDAA-4090 MULTISPLIT QUATTRO

Indoor unit combination	COOLING												HEATING											
	Rated power (kW)				Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)				Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.		
22	2.00	-	-	-	1.58	2.00	2.90	0.45	0.61	0.76	3.28	-	2.50	-	-	-	1.58	2.50	2.90	0.45	0.67	0.84	3.71	-
25	2.50	-	-	-	1.58	2.50	3.20	0.45	0.76	0.95	3.28	-	3.00	-	-	-	1.58	3.00	3.20	0.45	0.81	1.01	3.71	-
35	3.50	-	-	-	1.58	3.50	3.90	0.45	1.07	1.28	3.28	-	3.80	-	-	-	1.58	3.80	3.90	0.45	1.02	1.23	3.71	-
50	5.00	-	-	-	1.79	5.00	6.50	0.58	1.52	1.75	3.28	-	5.20	-	-	-	1.79	5.20	7.00	0.55	1.40	1.61	3.71	-
70	7.00	-	-	-	2.21	7.00	8.00	0.62	2.13	2.45	3.28	-	7.20	-	-	-	1.79	7.20	8.00	0.58	1.94	2.23	3.71	-
22+22	2.10	2.10	-	-	2.21	4.20	6.30	0.62	1.28	2.11	3.28	5.1/A	2.50	2.50	-	-	2.22	5.00	6.33	0.54	1.35	1.85	3.71	3.4/A
22+25	2.06	2.64	-	-	2.21	4.70	6.51	0.62	1.43	2.28	3.28	5.1/A	2.45	3.15	-	-	2.22	5.60	6.54	0.54	1.51	1.99	3.71	3.4/A
22+35	2.03	3.47	-	-	2.21	5.50	6.83	0.62	1.68	2.44	3.28	5.1/A	2.21	3.79	-	-	2.22	6.00	6.86	0.54	1.62	2.13	3.71	3.4/A
22+50	1.96	5.04	-	-	2.21	7.00	8.40	0.62	2.13	2.86	3.28	5.2/A	2.24	5.76	-	-	2.22	8.00	8.44	0.54	2.16	2.50	3.71	3.4/A
22+70	2.03	6.97	-	-	2.21	9.00	9.45	0.62	2.74	3.06	3.28	5.2/A	2.17	7.43	-	-	2.22	9.60	10.23	0.54	2.59	2.67	3.71	3.4/A
25+25	2.65	2.65	-	-	2.21	5.30	6.83	0.62	1.62	2.44	3.28	5.2/A	3.00	3.00	-	-	2.22	6.00	6.86	0.54	1.62	2.13	3.71	3.4/A
25+35	2.57	3.43	-	-	2.21	6.00	7.35	0.62	1.83	2.60	3.28	5.2/A	3.00	4.00	-	-	2.22	7.00	7.39	0.54	1.89	2.27	3.71	3.4/A
25+50	2.50	5.00	-	-	2.21	7.50	9.45	0.62	2.29	2.93	3.28	5.2/A	2.93	5.87	-	-	2.22	8.80	9.50	0.54	2.37	2.56	3.71	3.4/A
25+70	2.59	6.91	-	-	2.21	9.50	9.98	0.62	2.90	3.12	3.28	5.2/A	2.67	7.13	-	-	2.22	9.80	10.13	0.54	2.64	2.70	3.71	3.4/A
35+35	3.50	3.50	-	-	2.21	7.00	7.88	0.62	2.13	2.76	3.28	5.2/A	3.75	3.75	-	-	2.22	7.50	7.91	0.54	2.02	2.42	3.71	3.4/A
35+50	3.40	5.10	-	-	2.21	8.50	9.98	0.62	2.59	2.93	3.28	5.2/A	3.76	5.64	-	-	2.22	9.40	10.02	0.54	2.53	2.56	3.71	3.4/A
50+70	3.33	6.67	-	-	2.21	10.00	10.50	0.62	3.09	3.19	3.24	5.2/A	3.33	6.67	-	-	2.22	10.00	10.34	0.54	2.70	2.79	3.71	3.4/A
50+50	5.00	5.00	-	-	2.21	10.00	10.50	0.62	3.09	3.25	3.24	5.2/A	5.05	5.05	-	-	2.22	10.10	10.55	0.54	2.72	2.84	3.71	3.5/A
22+22+22	2.00	2.00	2.00	-	2.84	6.00	7.35	0.78	1.80	2.93	3.33	5.6/A+	2.50	2.50	2.50	-	2.85	7.50	7.39	0.68	2.02	2.56	3.71	3.6/A
22+22+25	1.98	1.98	2.54	-	2.84	6.50	7.88	0.78	1.98	3.09	3.28	5.6/A+	2.37	2.37	3.05	-	2.85	7.80	7.91	0.68	2.10	2.70	3.71	3.6/A
22+22+35	2.02	2.02	3.46	-	2.84	7.50	8.93	0.78	2.29	3.25	3.28	5.6/A+	2.29	2.29	3.92	-	2.85	8.50	8.97	0.68	2.29	2.84	3.71	3.6/A
22+22+50	1.97	1.97	5.06	-	2.84	9.00	11.55	0.78	2.74	3.58	3.28	5.8/A+	2.34	2.34	6.02	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
22+22+70	1.84	1.84	6.32	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	1.97	1.97	6.76	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
22+25+25	1.96	2.52	2.52	-	2.84	7.00	8.93	0.78	2.13	3.25	3.28	5.8/A+	2.38	3.06	3.06	-	2.85	8.50	8.97	0.68	2.29	2.84	3.71	3.6/A
22+25+35	2.00	2.57	3.43	-	2.84	8.00	9.98	0.78	2.44	3.41	3.28	5.8/A+	2.50	3.21	4.29	-	2.85	10.00	10.02	0.68	2.70	2.99	3.71	3.6/A
22+25+50	1.96	2.51	5.03	-	2.84	9.50	11.55	0.78	2.93	3.58	3.24	5.8/A+	2.20	2.83	5.66	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
22+25+70	1.75	2.25	6.00	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	1.87	2.41	6.42	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
22+35+35	2.03	3.48	3.48	-	2.84	9.00	10.50	0.78	2.78	3.41	3.24	5.8/A+	2.28	3.91	3.91	-	2.85	10.10	10.55	0.68	2.72	2.99	3.71	3.6/A
22+35+50	1.89	3.24	4.86	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.02	3.47	5.21	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A

Optimum combinations

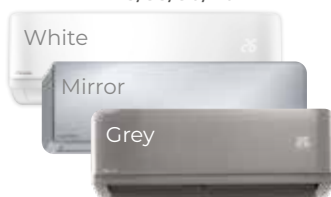
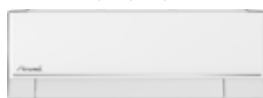
Indoor unit combination	COOLING												HEATING											
	Rated power (kW)				Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)				Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.		
22+35+70	1.63	2.79	5.58	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	1.74	2.99	5.97	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
22+50+50	1.63	4.19	4.19	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	1.74	4.48	4.48	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
25+25+25	2.50	2.50	2.50	-	2.84	7.50	9.98	0.78	2.31	3.41	3.24	5.8/A+	3.33	3.33	3.33	-	2.85	10.00	10.02	0.68	2.70	2.99	3.71	3.6/A
25+25+35	2.55	2.55	3.40	-	2.84	8.50	10.50	0.78	2.62	3.41	3.24	5.8/A+	3.03	3.03	4.04	-	2.85	10.10	10.55	0.68	2.72	2.99	3.71	3.6/A
25+25+50	2.50	2.50	5.00	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.68	2.68	5.35	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
25+25+70	2.14	2.14	5.71	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.29	2.29	6.11	-	2.73	10.70	11.11	0.65	2.88	2.99	3.71	3.6/A
25+35+35	2.59	3.45	3.45	-	2.84	9.50	11.55	0.78	2.93	3.58	3.24	5.8/A+	2.92	3.89	3.89	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
25+35+50	2.31	3.08	4.62	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.47	3.29	4.94	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
25+35+70	2.00	2.67	5.33	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.14	2.85	5.71	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
25+50+50	2.00	4.00	4.00	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.14	4.28	4.28	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
35+35+35	3.33	3.33	3.33	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	3.57	3.57	3.57	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
35+35+50	2.86	2.86	4.29	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	3.06	3.06	4.59	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
35+35+70	2.50	2.50	5.00	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.68	2.68	5.35	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
35+50+50	2.50	3.75	3.75	-	2.84	10.00	11.55	0.78	3.09	3.58	3.24	5.8/A+	2.68	4.01	4.01	-	2.85	10.70	11.61	0.68	2.88	3.13	3.71	3.6/A
22+22+22+22	2.05	2.05	2.05	2.05	3.68	8.20	10.50	0.88	2.29	3.25	3.58	6.1/A++	2.50	2.50	2.50	2.50	3.69	10.00	10.55	0.77	2.70	2.84	3.71	3.8/A
22+22+22+25	1.98	1.98	1.98	2.55	3.68	8.50	11.55	0.88	2.47	3.41	3.44	6.1/A++	2.36	2.36	2.36	3.03	3.69	10.10	11.08	0.77	2.72	2.99	3.71	3.8/A
22+22+22+35	2.02	2.02	2.02	3.45	3.68	9.50	12.60	0.88	2.86	3.84	3.32	6.1/A++	2.31	2.31	2.31	3.96	3.69	10.90	11.61	0.77	2.94	3.13	3.71	3.8/A
22+22+22+50	1.87	1.87	1.87	4.80	3.68	10.40	13.65	0.88	3.22	3.97	3.23	6.2/A++	1.99	1.99	1.99	5.12	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+22+22+70	1.65	1.65	1.65	5.65	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.73	1.73	1.73	5.92	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+22+25+25	1.97	1.97	2.53	2.53	3.68	9.00	12.60	0.88	2.71	3.84	3.32	6.2/A++	2.38	2.38	3.07	3.07	3.69	10.90	11.61	0.77	2.94	3.13	3.71	3.8/A
22+22+25+35	2.00	2.00	2.57	3.43	3.68	10.00	13.13	0.88	3.09	3.90	3.24	6.2/A++	2.22	2.22	2.85	3.81	3.69	11.10	12.13	0.77	2.99	3.41	3.71	3.8/A
22+22+25+50	1.81	1.81	2.33	4.65	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.90	1.90	2.44	4.87	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+22+25+70	1.58	1.58	2.03	5.41	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.65	1.65	2.13	5.67	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+22+35+35	1.95	1.95	3.35	3.35	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	2.04	2.04	3.51	3.51	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+22+35+50	1.69	1.69	2.89	4.34	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.77	1.77	3.03	4.54	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+22+50+50	1.48	1.48	3.82	3.82	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.55	1.55	4.00	4.00	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+25+25+25	1.96	2.51	2.51	2.51	3.68	9.50	13.13	0.88	2.92	3.84	3.25	6.2/A++	2.29	2.94	2.94	2.94	3.69	11.10	12.13	0.77	2.99	3.27	3.71	3.8/A
22+25+25+35	2.01	2.58	2.58	3.44	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	2.10	2.70	2.70	3.60	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+25+25+50	1.73	2.22	2.22	4.44	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.81	2.32	2.32	4.65	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+25+25+70	1.51	1.95	1.95	5.19	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.59	2.04	2.04	5.44	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+25+50+50	1.86	2.39	3.18	3.18	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.94	2.50	3.33	3.33	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+25+35+50	1.61	2.07	2.77	4.15	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.69	2.17	2.90	4.34	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+25+50+50	1.43	1.83	3.67	3.67	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.49	1.92	3.84	3.84	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+35+35+35	1.73	2.96	2.96	2.96	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.81	3.10	3.10	3.10	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
22+35+35+50	1.51	2.60	2.60	3.89	3.68	10.60	13.65	0.88	3.28	3.97	3.23	6.2/A++	1.59	2.72	2.72	4.08	3.69	11.10	12.66	0.77	2.99	3.70	3.71	3.8/A
25+25+25+25	2.63	2.63	2.63	2.63	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	2.64	2.64	2.64	2.64	3.69	10.55	12.66	0.77	2.84	3.70	3.71	4.0/A+
25+25+25+35	2.42	2.42	2.42	3.23	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	2.56	2.56	2.56	3.42	3.69	11.10	12.66	0.77	2.99	3.70	3.71	4.0/A+
25+25+25+50	2.10	2.10	2.10	4.20	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	2.22	2.22	2.22	4.44	3.69	11.10	12.66	0.77	2.99	3.70	3.71	4.0/A+
25+25+35+35	2.25	2.25	3.00	3.00	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	2.38	2.38	3.17	3.17	3.69	11.10	12.66	0.77	2.99	3.70	3.71	4.0/A+
25+25+35+50	1.97	1.97	2.63	3.94	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	2.08	2.08	2.78	4.16	3.69	11.10	12.66	0.77	2.99	3.70	3.71	4.0/A+
25+35+35+35	2.10	2.80	2.80	2.80	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	2.22	2.96	2.96	2.96	3.69	11.10	12.66	0.77	2.99	3.70	3.71	4.0/A+
25+35+35+50	1.85	2.47	2.47	3.71	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	1.96	2.61	2.61	3.92	3.69	11.10	12.66	0.77	2.99	3.70	3.71	4.0/A+
35+35+35+35	2.63	2.63	2.63	2.63	3.68	10.50	13.65	0.88	3.25	3.97	3.23	6.3/A++	2.78	2.78	2.78	2.78	3.69	11.10	12.66	0.77	2.99	3.70	3.71	4.0/A+

Based on HDMB Harmonia high wall combination

Optimum combinations

Combination capacities

COMPATIBLE WITH:

High wall HDMB Harmonia
25/35/50/70High wall HDHC Artica
25/35/50/70High wall HDLA
Aura 22/25/35/50/70Console XDMX
35/50Floor ceiling
FDMX 50/70Ducted DDMX
22/35/50/70Cassette CDMX
22/25/35/50/70**ZDAA-5130 MULTISPLIT CINCO**

Indoor unit combination	COOLING												HEATING													
	Rated power (kW)					Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)					Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Unit E	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.		
22	2.00	-	-	-	-	1.66	2.00	2.90	0.45	1.02	1.28	1.96	-	2.50	-	-	-	-	1.66	2.50	2.90	0.45	0.67	0.83	3.75	-
25	2.50	-	-	-	-	1.66	2.50	3.20	0.45	1.28	1.60	1.96	-	3.00	-	-	-	-	1.66	3.00	3.20	0.45	0.80	1.00	3.75	-
35	3.50	-	-	-	-	1.66	3.50	3.90	0.45	1.79	2.15	1.96	-	3.80	-	-	-	-	1.66	3.80	3.90	0.45	1.01	1.22	3.75	-
50	5.00	-	-	-	-	1.85	5.00	6.50	0.58	1.98	2.28	2.52	-	5.20	-	-	-	-	1.85	5.20	7.00	0.58	1.38	1.59	3.76	-
70	7.00	-	-	-	-	2.09	7.00	8.20	0.70	2.30	2.42	3.04	-	7.20	-	-	-	-	2.09	7.20	8.50	0.70	1.90	2.00	3.78	-
22+22	2.10	2.10	-	-	-	2.34	4.20	7.38	0.65	1.49	2.21	2.81	5.1/A	2.50	2.50	-	-	-	2.34	5.00	7.39	0.56	1.32	1.92	3.80	3.0/C
22+25	2.06	2.64	-	-	-	2.34	4.70	7.63	0.65	1.67	2.36	2.81	5.1/A	2.45	3.15	-	-	-	2.34	5.60	7.63	0.56	1.47	2.06	3.80	3.0/C
22+35	2.03	3.47	-	-	-	2.34	5.50	8.00	0.65	1.95	2.55	2.81	5.1/A	2.21	3.79	-	-	-	2.34	6.00	8.00	0.56	1.58	2.22	3.80	3.0/C
22+50	1.96	5.04	-	-	-	2.34	7.00	9.84	0.65	2.49	2.70	2.81	5.1/A	2.24	5.76	-	-	-	2.34	8.00	9.85	0.56	2.11	2.36	3.80	3.0/C
22+70	2.05	7.05	-	-	-	2.34	9.10	11.69	0.65	3.23	3.05	2.81	5.1/A	2.21	7.59	-	-	-	2.34	9.80	11.69	0.56	2.58	2.65	3.80	3.0/C
25+25	2.65	2.65	-	-	-	2.34	5.30	8.00	0.65	1.88	2.55	2.81	5.1/A	3.00	3.00	-	-	-	2.34	6.00	8.00	0.56	1.58	2.22	3.80	3.0/C
25+35	2.57	3.43	-	-	-	2.34	6.00	8.61	0.65	2.13	2.59	2.81	5.1/A	2.91	3.89	-	-	-	2.34	6.80	8.62	0.56	1.79	2.26	3.80	3.0/C
25+50	2.50	5.00	-	-	-	2.34	7.50	11.07	0.65	2.66	2.86	2.81	5.1/A	2.93	5.87	-	-	-	2.34	8.80	11.08	0.56	2.32	2.49	3.80	3.0/C
25+70	2.65	7.05	-	-	-	2.34	9.70	12.30	0.65	3.45	3.24	2.81	5.1/A	2.78	7.42	-	-	-	2.34	10.20	12.31	0.56	2.68	2.82	3.80	3.0/C
35+35	3.50	3.50	-	-	-	2.34	7.00	9.23	0.65	2.49	2.70	2.81	5.1/A	3.75	3.75	-	-	-	2.34	7.50	9.23	0.56	1.97	2.36	3.80	3.0/C
35+50	3.40	5.10	-	-	-	2.34	8.50	11.69	0.65	3.02	3.12	2.81	5.1/A	3.76	5.64	-	-	-	2.34	9.40	11.69	0.56	2.47	2.72	3.80	3.0/C
35+70	3.33	6.67	-	-	-	2.34	10.00	12.30	0.65	3.55	3.43	2.81	5.1/A	3.50	7.00	-	-	-	2.34	10.50	12.31	0.56	2.76	2.99	3.80	3.0/C
50+50	5.25	5.25	-	-	-	2.34	10.50	12.30	0.65	3.73	3.43	2.81	5.1/A	5.50	5.50	-	-	-	2.34	11.00	12.31	0.56	2.89	2.99	3.80	3.0/C
50+70	4.93	6.57	-	-	-	2.34	11.50	12.50	0.65	3.88	3.43	2.96	5.1/A	4.93	6.57	-	-	-	2.34	11.50	12.51	0.56	3.01	2.99	3.82	3.0/C
22+22+22	2.00	2.00	2.00	-	-	2.89	6.00	7.38	0.80	1.73	3.05	3.48	5.3/A	2.50	2.50	2.50	-	-	2.89	7.50	8.62	0.70	1.95	2.65	3.85	3.2/B
22+22+25	1.98	1.98	2.54	-	-	2.89	6.50	8.61	0.80	1.87	3.24	3.48	5.3/A	2.37	2.37	3.05	-	-	2.89	7.80	9.23	0.70	2.03	2.82	3.85	3.2/B
22+22+35	2.02	2.02	3.46	-	-	2.89	7.50	9.23	0.80	2.16	3.43	3.48	5.3/A	2.29	2.29	3.92	-	-	2.89	8.50	9.85	0.70	2.21	2.99	3.85	3.2/B
22+22+50	1.97	1.97	5.06	-	-	2.89	9.00	11.07	0.80	2.59	3.62	3.48	5.3/A	2.52	2.52	6.47	-	-	2.89	11.50	12.31	0.70	2.99	3.15	3.85	3.2/B
22+22+70	2.03	2.03	6.95	-	-	2.89	11.00	12.92	0.80	3.16	3.81	3.48	5.3/A	2.21	2.21	7.58	-	-	2.89	12.00	12.92	0.70	3.12	3.32	3.85	3.2/B
22+25+25	1.96	2.52	2.52	-	-	2.89	7.00	9.23	0.80	2.01	3.35	3.48	5.3/A	2.38	3.06	3.06	-	-	2.89	8.50	9.85	0.70	2.21	2.92	3.85	3.2/B
22+25+35	2.00	2.57	3.43	-	-	2.89	8.00	10.46	0.80	2.30	3.50	3.48	5.3/A	2.50	3.21	4.29	-	-	2.89	10.00	12.31	0.70	2.60	3.05	3.85	3.2/B
22+25+50	1.96	2.51	5.03	-	-	2.89	9.50	11.07	0.80	2.73	3.73	3.48	5.3/A	2.37	3.04	6.09	-	-	2.89	11.50	12.31	0.70	2.99	3.25	3.85	3.2/B
22+25+70	2.01	2.59	6.90	-	-	2.89	11.50	12.92	0.80	3.31	3.96	3.48	5.3/A	2.10	2.70	7.20	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
22+35+35	2.03	3.48	3.48	-	-	2.89	9.00	11.07	0.80	2.59	3.62	3.48	5.3/A	2.48	4.26	4.26	-	-	2.89	11.00	12.31	0.70	2.86	3.15	3.85	3.2/B
22+35+50	1.99	3.41	5.11	-	-	2.89	10.50	12.30	0.80	3.02	3.81	3.48	5.3/A	2.18	3.73	5.59	-	-	2.89	11.50	12.31	0.70	2.99	3.32	3.85	3.2/B
22+35+70	1.87	3.21	6.42	-	-	2.89	11.50	12.92	0.80	3.31	3.96	3.48	5.3/A	1.95	3.35	6.70	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
22+50+50	1.87	4.81	4.81	-	-	2.89	11.50	12.92	0.80	3.31	3.96	3.48	5.3/A	1.95	5.02	5.02	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
25+25+25	2.67	2.67	2.67	-	-	2.89	8.00	10.46	0.80	2.30	3.81	3.48	5.3/A	3.33	3.33	3.33	-	-	2.89	10.00	12.31	0.70	2.60	3.32	3.85	3.2/B
25+25+35	2.70	2.70	3.60	-	-	2.89	9.00	12.92	0.80	2.59	3.62	3.48	5.3/A	3.30	3.30	4.40	-	-	2.89	11.00	12.31	0.70	2.86	3.15	3.85	3.2/B
25+25+50	2.63	2.63	5.25	-	-	2.89	10.50	12.30	0.80	3.02	3.81	3.48	5.3/A	2.88	2.88	5.75	-	-	2.89	11.50	12.31	0.70	2.99	3.32	3.85	3.2/B
25+25+70	2.46	2.46	6.57	-	-	2.89	11.50	12.92	0.80	3.31	3.96	3.48	5.3/A	2.57	2.57	6.86	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
25+35+35	2.45	3.27	3.27	-	-	2.89	9.00	11.07	0.80	2.59	3.62	3.48	5.3/A	3.14	4.18	4.18	-	-	2.89	11.50	12.31	0.70	2.99	3.15	3.85	3.2/B
25+35+50	2.54	3.38	5.08	-	-	2.89	11.00	11.69	0.80	3.16	3.81	3.48	5.3/A	2.77	3.69	5.54	-	-	2.89	12.00	12.92	0.70	3.12	3.32	3.85	3.2/B
25+35+70	2.30	3.07	6.13	-	-	2.89	11.50	12.92	0.80	3.31	3.96	3.48	5.3/A	2.40	3.20	6.40	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
25+50+50	2.40	4.80	4.80	-	-	2.89	12.00	12.92	0.80	3.45	3.96	3.48	5.3/A	2.40	4.80	4.80	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
35+35+35	3.17	3.17	3.17	-	-	2.89	9.50	11.07	0.80	2.73	3.73	3.48	5.3/A	3.83	3.83	3.83	-	-	2.89	11.50	12.31	0.70	2.99	3.25	3.85	3.2/B
35+35+50	3.29	3.29	4.93	-	-	2.89	11.50	12.92	0.80	3.31	3.96	3.48	5.3/A	3.43	3.43	5.14	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
35+35+70	3.00	3.00	6.00	-	-	2.89	12.00	12.92	0.80	3.45	3.96	3.48	5.3/A	3.00	3.00	6.00	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
35+50+50	3.00	4.50	4.50	-	-	2.89	12.00	12.92	0.80	3.45	3.96	3.48	5.3/A	3.00	4.50	4.50	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
35+50+70	2.67	4.00	5.33	-	-	2.89	12.00	12.92	0.80	3.45	3.96	2.89	5.3/A	2.67	4.00	5.33	-	-	2.89	12.00	12.92	0.70	3.12	3.45	3.85	3.2/B
50+50+50	4.00	4.00	4.00	-	-	2.89	12.00	12.92	0.80	4.15	3.96	2.89	5.3/A	4.00	4.00	4.00	-	-	2.89	12.00	12.92	0.70	3.09	3.45	3.88	3.2/B
22+22+22+22	2.00	2.00	2.00	2.00	-	3.69	8.00	10.50	0.91	2.63	3.43	3.04	5.6/A+	2.50	2.50	2.50	2.50	-	3.69	10.00	12.68	0.80	2.56	2.99	3.91	3.4/A
22+22+22+25	1.98	1.98	1.98	2.55	-	3.69	8.50	11.07	0.91	2.81	3.62	3.02	5.6/A+	2.57	2.57	2.57	3.30	-	3.69	11.00	12.92	0.80	2.81	3.15	3.91	3.4/A
22+22+22+35	2.02	2.02	2.02	3.45	-	3.69	9.50	11.69	0.91	3.17	3.73	3.00	5.6/A+	2.50	2.50	2.50	4.29	-	3.69	11.80	13.54	0.80	3.02	3.25	3.91	3.4/A

Indoor unit combination	COOLING													HEATING												
	Rated power (kW)					Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)					Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Unit E	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.		
22+22+35+50	1.83	1.83	3.14	4.70	-	3.69	11.50	13.53	0.91	3.97	4.19	2.90	5.6/A+	1.91	1.91	3.27	4.91	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
22+22+35+70	1.74	1.74	2.98	5.95	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.72	1.72	2.95	5.90	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
22+22+50+50	1.74	1.74	4.46	4.46	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.68	1.68	4.32	4.32	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
22+22+50+70	1.55	1.55	3.99	5.31	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.54	1.54	3.95	5.27	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
22+25+25+25	2.06	2.65	2.65	2.65	-	3.69	10.00	12.30	0.91	3.35	4.19	2.99	5.6/A+	2.47	3.18	3.18	3.18	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
22+25+25+35	1.99	2.55	2.55	3.41	-	3.69	10.50	12.92	0.91	3.55	4.19	2.96	5.6/A+	2.27	2.92	2.92	3.89	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
22+25+25+50	1.87	2.41	2.41	4.81	-	3.69	11.50	13.53	0.91	3.96	4.19	2.91	5.6/A+	1.95	2.51	2.51	5.02	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
22+25+25+70	1.77	2.28	2.28	6.07	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.76	2.26	2.26	6.02	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
22+25+35+35	2.01	2.59	3.45	3.45	-	3.69	11.50	13.53	0.91	3.92	4.19	2.93	5.6/A+	2.10	2.70	3.60	3.60	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
22+25+35+50	1.83	2.35	3.13	4.70	-	3.69	12.00	13.53	0.91	4.15	4.38	2.89	5.6/A+	1.83	2.35	3.13	4.70	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
22+25+35+70	1.67	2.15	2.86	5.72	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.66	2.13	2.84	5.68	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
22+25+50+50	1.67	2.15	4.29	4.29	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.62	2.08	4.15	4.15	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
22+25+50+70	1.50	1.92	3.85	5.13	-	3.69	12.40	13.53	0.91	4.27	4.38	2.91	5.6/A+	1.48	1.91	3.82	5.09	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
22+35+35+35	1.87	3.21	3.21	3.21	-	3.69	11.50	13.53	0.91	3.96	4.19	2.91	5.6/A+	1.95	3.35	3.35	3.35	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
22+35+35+50	1.71	2.94	2.94	4.41	-	3.69	12.00	13.53	0.91	4.15	4.38	2.89	5.6/A+	1.71	2.94	2.94	4.41	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
22+35+50+50	1.58	2.71	2.71	5.41	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.57	2.68	2.68	5.37	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
22+35+50+70	1.58	2.71	4.06	4.06	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.53	2.62	3.93	3.93	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
25+25+25+25	2.63	2.63	2.63	2.63	-	3.69	10.50	12.92	0.91	3.54	4.19	2.97	5.6/A+	3.00	3.00	3.00	3.00	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
25+25+25+35	2.65	2.65	2.65	3.54	-	3.69	11.50	13.53	0.91	3.91	4.19	2.94	5.6/A+	2.77	2.77	2.77	3.69	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
25+25+25+50	2.40	2.40	2.40	4.80	-	3.69	12.00	13.53	0.91	4.15	4.38	2.89	5.6/A+	2.40	2.40	2.40	4.80	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
25+25+25+70	2.19	2.19	2.19	5.84	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	2.17	2.17	2.17	5.79	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
25+25+35+35	2.46	2.46	3.29	3.29	-	3.69	11.50	13.53	0.91	3.95	4.19	2.91	5.6/A+	2.57	2.57	3.43	3.43	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
25+25+35+50	2.25	2.25	3.00	4.50	-	3.69	12.00	13.53	0.91	4.15	4.38	2.89	5.6/A+	2.25	2.25	3.00	4.50	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
25+25+35+70	2.07	2.07	2.76	5.51	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	2.05	2.05	2.73	5.47	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
25+25+50+50	2.07	2.07	4.13	4.13	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	2.00	2.00	4.00	4.00	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
25+35+35+35	2.30	3.07	3.07	3.07	-	3.69	11.50	13.53	0.91	3.98	4.19	2.89	5.6/A+	2.40	3.20	3.20	3.20	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
25+35+35+50	2.19	2.92	2.92	4.38	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	2.12	2.82	2.82	4.24	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
25+35+35+70	1.96	2.61	2.61	5.22	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.94	2.59	2.59	5.18	-	3.69	12.30	13.54	0.80	3.15	3.82	3.91	3.4/A
25+35+50+50	1.96	2.61	3.92	3.92	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	1.89	2.53	3.79	3.79	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
35+35+35+35	2.88	2.88	2.88	2.88	-	3.69	11.50	13.53	0.91	3.98	4.19	2.89	5.6/A+	3.00	3.00	3.00	3.00	-	3.69	12.00	13.54	0.80	3.07	3.65	3.91	3.4/A
35+35+35+70	2.76	2.76	2.76	4.13	-	3.69	12.40	13.53	0.91	4.29	4.38	2.89	5.6/A+	2.67	2.67	2.67	4.00	-	3.69	12.00	13.54	0.80	3.07	3.82	3.91	3.4/A
22+22+22+22+22	2.46	2.46	2.46	2.46	2.46	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	2.46	2.46	2.46	2.46	2.46	4.19	12.30	14.96	0.90	3.32	4.15	3.71	3.8/A
22+22+22+22+25	2.33	2.33	2.33	2.33	2.99	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	2.33	2.33	2.33	2.33	2.99	4.19	12.30	14.96	0.90	3.32	4.15	3.71	3.8/A
22+22+22+22+35	2.15	2.15	2.15	2.15	3.69	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	2.15	2.15	2.15	2.15	3.69	4.19	12.30	14.96	0.90	3.32	4.15	3.71	3.8/A
22+22+22+22+50	1.87	1.87	1.87	1.87	4.81	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	1.87	1.87	1.87	1.87	4.81	4.19	12.30	14.96	0.90	3.32	4.15	3.71	3.8/A
22+22+22+22+70	1.66	1.66	1.66	1.66	5.68	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	1.66	1.66	1.66	1.66	5.68	4.19	12.30	14.96	0.90	3.32	4.15	3.71	3.8/A
22+22+22+25+25	2.21	2.21	2.21	2.84	2.84	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	2.21	2.21	2.21	2.84	2.84	4.19	12.30	14.96	0.90	3.32	4.15	3.71	3.8/A
22+22+22+25+35	2.05	2.05	2.05	2.64	3.51	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	2.05	2.05	2.05	2.64	3.51	4.19	12.30	14.96	0.90	3.32	4.15	3.71	3.8/A
22+22+22+25+50	1.79	1.79	1.79	2.31	4.61	4.18	12.30	14.00	1.03	3.81	4.57	3.23	6.1/A++	1.79	1.79	1.79	2.31	4.61	4.19	12.30	14.96					

+ PRODUCT

- Flexy Match (high wall/console compatible)
- 6 models from 4 to 12 kW and up to 5 indoor units
- Electronic expansion valve

Connectivity



Technology



ELECTRONIC EXPANSION VALVE



BLUE FIN TREATMENT



AUTO-DIAGNOSTIC

Installer functions

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate:

www.eurovent-certification.com



- Models marked * are not Eurovent certified

ZDAE Multisplit



COOLING
A++



HEATING
A+



FLUID
R32



ZDAE Duo/Trio/Quattro/Cinco

COMPATIBLE WITH:

High wall HDLE Aura
22/25/35/50/70



Console XDLE
25/35/50



+ "SUSTAINABLE DEVELOPMENT"

- High energy label A++ (cooling mode) / A+ (heating mode).

+ "USER"

- Small footprint with a single outdoor unit.

+ "INSTALLER"

- The best reliability on the market.

+ "TECHNOLOGY"

- Extended range: even more power combinations.
- High resistance to "aggressive" environments (corrosion, voltage, high temperatures).

TECHNICAL DATA

OUTDOOR UNIT			ZDAE-2040-09M25	ZDAE-2050-09M25	ZDAE-3060-09M25*	ZDAE-3070-09M25*	ZDAE-4080-09M25*	ZDAE-5130-09M25*
Part number			7SP091200	7SP091201	7SP091202	7SP091203	7SP091204	7SP091206
Phase			Single-phase	Single-phase	Single-phase	Single-phase	Single-phase	Single-phase
COOLING								
Rated power (min./max.)		kW	4.10 (2.05-5.00)	5.30 (2.14-5.80)	6.10 (2.20-8.30)	7.10 (2.30-9.20)	8.00 (2.30-11.00)	12.00 (2.60-13.00)
Pdesignc		kW	4.10	5.30	6.10	7.10	8.00	12.00
Rated power input / EER		kW	1.10/3.72	1.48/3.58	1.48/4.12	1.88/3.78	2.12/3.77	3.45/3.47
SEER/Energy label			6.3/A++	6.3/A++	6.6/A++	6.8/A++	6.7/A++	6.1/A++
Operating limits		°C	-15°/50° Dry bulb					
HEATING								
Rated power (min./max.)		kW	4.40 (2.49-5.40)	5.65 (2.58-6.50)	6.50 (3.60-8.50)	8.60 (3.65-9.20)	9.50 (3.65-10.25)	13.00 (2.60-14.50)
Pdesignh (average climate)		kW	3.60	4.10	6.10	6.10	7.20	11.80
Rated power input / COP		kW	0.97/4.54	1.25/4.52	1.41/4.55	2.23/3.85	2.20/4.31	3.50/3.71
SCOP/Energy label (average climate)			4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+
Power at -7°C		kW	3.21	4.69	5.33	6.36	6.65	9.10
Power at -10°C		kW	2.99	4.35	5.14	6.19	6.27	8.58
Power at -15°C		kW	2.68	3.84	4.75	5.76	5.80	7.93
Operating limits		°C	-15°/24° Dry bulb					
OUTDOOR UNIT								
Sound pressure level at 1 m		dB(A)	50	50	57	57	58	60
Sound level		dB(A)	62	64	68	68	68	70
Airflow		m³/h	2300	2300	3800	3800	3800	5200
Compressor type			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)		mm	745x550x300	745x550x300	889x654x340	889x654x340	889x654x340	943x826x369
Package dimensions (WxHxD)		mm	872x620x398	872x620x398	1032x737x456	1032x737x456	1032x737x456	1093x885x497
Net weight/Gross weight		kg	30/33	32/35	48/52	48/52	51/56	73/80
POWER SUPPLY								
Phase/Voltage/Frequency			1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz
Power supply side			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section		mm²	3G1.5	3G1.5	3G2.5	3G2.5	3G4	3G4
Fuse rating am		A	16	16	25	25	25	25
Electrical connections in/out		mm²	2 x (4G1.5)	2 x (4G1.5)	3x (4G1.5)	3x (4G1.5)	4 x (4G1.5)	5 x (4G1.5)
PIPE LINE								
Suction pipe diameter		inches	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Liquid pipe diameter		inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Max. length		m	40	40	60	60	70	75
Max. length par circuit		m	20	20	20	20	20	25
Max. height between indoor and outdoor unit	Outdoor unit higher than indoor unit	m	15	15	15	15	15	15
	Outdoor unit lower than indoor unit	m	15	15	15	15	15	15
Max. height between indoor units		m	15	15	15	15	15	8
Refrigerant/GWP			R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge		kg	0.75	0.90	1.60	1.70	1.80	2.75
Totale length charge		m	10	10	30	30	40	40
Additionnal charge		g/m	20	20	20	20	20	20

Compatible indoor units



High wall HDLE Aura
22/25/35/50/70

INDOOR UNIT		HDLE-022N-09M25	HDLE-025N-09M25	HDLE-035N-09M25	HDLE-050N-09M25	HDLE-070N-09M25
Part number		7SP023270	7SP023271	7SP023272	7SP023273	7SP023274
Phase		Single-phase	Single-phase	Single-phase	Single-phase	Single-phase
Cooling rated power	kW	2,20	2,70	3,20	4,60	6,20
Heating rated power	kW	2,40	2,80	3,40	5,20	6,50
Sound pressure level at 1 m (VL/LS/MS/HS)	dB (A)	22/33/36/39	21/34/38/41	21/34/38/41	27/38/42/44	26/37/45/48
Sound level (VL/LS/MS/HS)	dB (A)	37/45/48/55	36/46/50/57	34/45/50/57	41/48/52/54	42/49/57/60
Airflow (VL/LS/MS/HS)	m³/h	290/420/470/500	280/400/520/550	280/410/480/590	550/700/800/850	400/600/800/900
Dehumidification	l/h	0,60	1,40	1,40	1,80	1,80
Outline dimensions (WxHxD)	mm	713x270x195	790x275x200	790x275x200	970x300x224	970x300x224
Package dimensions (WxHxD)	mm	776x362x268	866x367x271	866x367x271	1041x383x320	1041x383x320
Net weight/Gross weight	kg	8/9,5	9/11	9/11	13,5/16	13/15,5
PIPE LINE						
Suction pipe diameter	inches	3/8"	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	1/4"



Console XDLE
25/35/50

INDOOR UNIT		XDLE-025N-09M25	XDLE-035N-09M25	XDLE-050N-09M25
Part number		7SP071440	7SP071441	7SP071442
Phase		Single-phase	Single-phase	Single-phase
Cooling rated power	kW	2,70	3,50	5,20
Heating rated power	kW	2,90	3,80	5,33
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	23/26/33/39	25/29/38/44	32/37/43/47
Sound level	dB(A)	34/38/45/50	35/39/48/54	42/47/53/57
Airflow (VL/LS/MS/HS)	m³/h	250/280/410/500	280/360/480/600	320/410/580/700
Dehumidification	l/h	0,80	1,20	1,80
Outline dimensions (WxHxD)	mm	700x600x215	700x600x215	700x600x215
Package dimensions (WxHxD)	mm	788x685x295	788x685x295	788x685x295
Net weight/Gross weight	kg	15,5/18,5	15,5/18,5	15,5/18,5
PIPE LINE				
Suction pipe diameter	inches	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"

Combination capacities



COMPATIBLE WITH:

High wall HDLE
Aura 22/25/35



Console XDLF
25/35



ZDAE-2040 MULTISPLIT DUO

Indoor unit combination	COOLING										HEATING									
	Rated power (kW)		Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)		Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.		
22+22	2.05	2.05	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.3/A++	2.20	2.20	2.50	4.40	5.40	0.60	0.97	2.25	4.54	4.0/A+
22+25	1.79	2.31	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.3/A++	1.93	2.48	2.50	4.40	5.40	0.60	0.96	2.25	4.60	4.0/A+
22+35	1.51	2.59	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.3/A++	1.62	2.78	2.50	4.40	5.40	0.60	0.96	2.25	4.60	4.0/A+
25+25	2.05	2.05	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.3/A++	2.20	2.20	2.50	4.40	5.40	0.60	0.96	2.25	4.60	4.0/A+
25+35	1.76	2.34	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.3/A++	1.89	2.51	2.50	4.40	5.40	0.60	0.96	2.25	4.60	4.0/A+

Based on high wall combination

ZDAE-2050 MULTISPLIT DUO

Indoor unit combination	COOLING										HEATING									
	Rated power (kW)		Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)		Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.		
22+22	2.10	2.10	2.15	4.20	4.80	0.40	1.40	2.00	3.00	6.3/A++	2.60	2.60	2.05	5.20	5.62	0.50	1.00	2.20	5.20	4.0/A+
22+25	2.10	2.60	2.15	4.70	5.20	0.40	1.44	2.00	3.26	6.3/A++	2.60	2.80	2.05	5.40	5.83	0.60	1.10	2.20	4.91	4.0/A+
22+35	2.10	3.10	2.15	5.20	5.80	0.40	1.48	2.50	3.51	6.3/A++	1.99	3.41	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.0/A+
25+25	2.60	2.60	2.15	5.20	5.80	0.40	1.48	2.50	3.58	6.3/A++	2.70	2.70	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.0/A+
25+35	2.23	2.97	2.15	5.20	5.80	0.50	1.48	2.50	3.51	6.3/A++	2.31	3.09	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.0/A+
35+35	2.60	2.60	2.15	5.20	5.80	0.50	1.48	2.50	3.51	6.3/A++	2.70	2.70	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.0/A+

Based on high wall combination

Optimum combinations

Combination capacities



COMPATIBLE WITH:

High wall HDLE
Aura 22/25/35/50



Console XDLF
25/35/50



ZDAE-3060 MULTISPLIT TRIO

Indoor unit combination	COOLING											HEATING										
	Rated power (kW)			Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)			Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.		
22+22	2.10	2.10	-	2.20	4.20	5.60	0.40	0.90	2.00	4.67	6.1/A++	2.60	2.60	-	3.60	5.20	8.50	0.40	0.95	2.20	5.47	3.8/A
22+25	2.10	2.60	-	2.20	4.70	5.60	0.40	1.00	2.40	4.70	6.1/A++	2.60	2.80	-	3.60	5.40	8.50	0.40	1.09	2.20	4.95	3.8/A
22+35	2.10	3.50	-	2.20	5.60	7.33	0.40	1.20	2.60	4.67	6.1/A++	2.60	3.80	-	3.60	6.40	8.50	0.60	1.29	2.50	4.96	3.8/A
22+50	1.71	4.39	-	2.20	6.10	7.33	0.50	1.48	2.90	4.12	6.1/A++	1.82	4.68	-	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
25+25	2.55	2.55	-	2.20	5.10	5.60	0.40	1.20	2.60	4.25	6.1/A++	2.80	2.80	-	3.60	5.60	8.50	0.60	1.22	2.50	4.60	3.8/A
25+35	2.61	3.49	-	2.20	6.10	7.33	0.50	1.48	2.90	4.12	6.1/A++	2.70	3.80	-	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
25+50	2.03	4.07	-	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.1/A++	2.17	4.33	-	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
35+35	3.05	3.05	-	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.1/A++	3.25	3.25	-	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
35+50	2.44	3.66	-	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.1/A++	2.60	3.90	-	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
22+22+22	2.03	2.03	2.03	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	2.17	2.17	2.17	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
22+22+25	1.86	1.86	2.39	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	1.98	1.98	2.54	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
22+22+35	1.64	1.64	2.82	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	1.75	1.75	3.00	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
22+25+25	1.71	2.20	2.20	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	1.82	2.34	2.34	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
22+25+35	1.53	1.96	2.61	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	1.63	2.09	2.79	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
22+35+35	1.38	2.36	2.36	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	1.47	2.52	2.52	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
25+25+25	2.03	2.03	2.03	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	2.17	2.17	2.17	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A
25+25+35	1.83	1.83	2.44	2.20	6.10	7.33	0.60	1.48	2.90	4.12	6.6/A++	1.95	1.95	2.60	3.60	6.50	8.50	0.80	1.41	2.90	4.60	3.8/A

Based on high wall combination

ZDAE-3070 MULTISPLIT TRIO

Indoor unit combination	COOLING											HEATING										
	Rated power (kW)			Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)			Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.		
22+22	2.10	2.10	-	2.40	4.20	4.90	0.60	1.10	2.60	3.82	6.1/A++	2.60	2.60	-	3.60	5.20	8.80	0.60	1.30	2.00	4.00	3.8/A
22+25	2.10	2.60	-	2.40	4.70	5.20	0.60	1.25	2.80	3.76	6.1/A++	2.60	2.80	-	3.60	5.40	8.80	0.60	1.49	2.00	3.62	3.8/A
22+35	2.10	3.50	-	2.40	5.60	6.30	0.80	1.50	3.00	3.73	6.1/A++	2.60	3.80	-	3.60	6.40	8.80	0.60	1.77	2.40	3.62	3.8/A
22+50	1.99	5.11	-	2.40	7.10	8.50	1.00	1.88	3.40	3.78	6.1/A++	2.60	5.60	-	3.60	8.20	8.80	0.80	2.23	3.00	3.68	3.8/A
25+25	2.60	2.60	-	2.40	5.20	6.30	0.80	1.40	3.00	3.71	6.1/A++	2.60	2.60	-	3.60	5.20	8.80	0.60	1.67	2.40	3.11	3.8/A
25+35	2.60	3.50	-	2.40	6.10	7.30	1.00	1.65	3.20	3.70	6.1/A++	2.60	3.80	-	3.60	6.40	8.80	0.60	1.95	2.60	3.28	3.8/A
25+50	2.37	4.73	-	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.1/A++	2.80	5.60	-	3.60	8.40	8.80	0.80	2.23	3.00	3.77	3.8/A
35+35	3.55	3.55	-	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.1/A++	4.25	4.25	-	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
35+50	2.84	4.26	-	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.1/A++	3.40	5.10	-	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
50+50	3.55	3.55	-	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.1/A++	4.25	4.25	-	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
22+22+22	2.10	2.10	2.10	2.40	6.30	7.30	1.10	1.65	3.20	3.82	6.8/A++	2.60	2.60	2.60	3.60	7.80	8.80	0.80	1.95	2.60	4.00	3.8/A
22+22+25	2.10	2.10	2.60	2.40	6.80	8.50	1.10	1.80	3.40	3.78	6.8/A++	2.60	2.60	2.80	3.60	8.00	8.80	0.80	2.14	2.80	3.74	3.8/A
22+22+35	1.91	1.91	3.28	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.29	2.29	3.92	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
22+22+50	1.55	1.55	3.99	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	1.86	1.86	4.78	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
22+25+25	1.99	2.56	2.56	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.38	3.06	3.06	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
22+25+35	1.78	2.28	3.04	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.13	2.73	3.64	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
22+25+50	1.46	1.88	3.76	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	1.75	2.25	4.50	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
22+35+35	1.60	2.75	2.75	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	1.92	3.29	3.29	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
25+25+25	2.37	2.37	2.37	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.83	2.83	2.83	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
25+25+35	2.13	2.13	2.84	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.55	2.55	3.40	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
25+25+50	1.78	1.78	3.55	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.13	2.13	4.25	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
25+35+35	1.94	2.58	2.58	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.32	3.09	3.09	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A
35+35+35	2.37	2.37	2.37	2.40	7.10	8.50	1.10	1.88	3.40	3.78	6.8/A++	2.83	2.83	2.83	3.60	8.50	8.80	0.80	2.23	3.00	3.81	3.8/A

Based on high wall combination

Optimum combinations



COMPATIBLE WITH:

High wall HDLE
Aura 22/25/35/50



Console XDLF
25/35/50



ZDAE-4080 MULTISPLIT QUATTRO

Indoor unit combination	COOLING												HEATING											
	Rated power (kW)				Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)				Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.		
22+22	2.10	2.10	-	-	2.50	4.20	4.54	0.80	1.10	2.40	3.82	6.1/A++	2.60	2.60	-	-	3.60	5.20	10.00	0.70	1.10	2.50	4.73	3.8/A
22+25	2.10	2.60	-	-	2.50	4.70	5.08	0.80	1.20	2.60	3.92	6.1/A++	2.60	2.80	-	-	3.60	5.40	10.00	0.70	1.26	2.50	4.29	3.8/A
22+35	2.10	3.50	-	-	2.50	5.60	6.05	0.80	1.44	2.60	3.89	6.1/A++	2.60	3.80	-	-	3.60	6.40	10.00	0.70	1.49	2.50	4.30	3.8/A
22+50	2.10	5.00	-	-	2.50	7.10	7.67	1.00	1.90	3.00	3.74	6.1/A++	2.60	5.60	-	-	3.60	8.20	10.00	0.90	1.96	3.00	4.18	3.8/A
25+25	2.60	2.60	-	-	2.50	5.20	5.62	0.80	1.40	2.60	3.71	6.1/A++	2.80	2.80	-	-	3.60	5.60	10.00	0.70	1.41	2.50	3.97	3.8/A
25+35	2.60	3.50	-	-	2.50	6.10	6.59	0.80	1.60	2.80	3.81	6.1/A++	2.80	5.43	-	-	3.60	8.23	10.00	0.70	1.65	2.60	4.99	3.8/A
25+50	2.60	5.00	-	-	2.50	7.60	8.21	1.20	2.00	2.80	3.80	6.1/A++	2.80	3.80	-	-	3.60	6.60	10.00	1.00	2.12	3.40	3.11	3.8/A
35+35	3.50	3.50	-	-	2.50	7.00	7.56	1.20	1.80	2.80	3.89	6.1/A++	3.80	3.80	-	-	3.60	7.60	10.00	0.90	1.89	2.80	4.02	3.8/A
35+50	3.20	4.80	-	-	2.50	8.00	10.00	1.20	2.12	3.40	3.77	6.1/A++	3.80	5.60	-	-	3.60	9.40	10.00	1.00	2.20	3.60	4.27	3.8/A
50+50	4.00	4.00	-	-	2.50	8.00	10.00	1.20	2.12	3.60	3.77	6.1/A++	4.75	4.75	-	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+22	2.10	2.10	2.10	-	2.50	6.30	6.80	1.20	1.60	2.80	3.94	6.1/A++	2.60	2.60	2.60	-	3.60	7.80	10.00	0.70	1.65	2.60	4.73	3.8/A
22+22+25	2.10	2.10	2.60	-	2.50	6.80	7.34	1.20	1.75	2.80	3.89	6.1/A++	2.60	2.60	2.80	-	3.60	8.00	10.00	0.90	1.81	2.80	4.42	3.8/A
22+22+35	2.10	2.10	3.50	-	2.50	7.70	8.32	1.20	2.00	3.00	3.85	6.1/A++	2.60	2.60	3.80	-	3.60	9.00	10.00	0.90	2.04	3.00	4.41	3.8/A
22+22+50	1.75	1.75	4.50	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.08	2.08	5.34	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+25+25	2.10	2.88	2.88	-	2.50	7.86	8.49	1.30	1.90	3.00	4.14	6.1/A++	2.60	2.80	2.80	-	3.60	8.20	10.00	0.90	1.96	3.00	4.18	3.8/A
22+25+35	2.00	2.57	3.43	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.60	2.80	4.00	-	3.60	9.40	10.00	1.00	2.20	3.60	4.27	3.8/A
22+25+50	1.65	2.12	4.24	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	1.96	2.51	5.03	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+35+35	1.81	3.10	3.10	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.50	3.50	3.50	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+35+50	1.51	2.59	3.89	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	1.80	3.08	4.62	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
25+25+25	2.67	2.67	2.67	-	2.50	8.00	8.64	1.30	2.00	3.40	4.00	6.1/A++	3.17	3.17	3.17	-	3.60	9.50	10.00	1.00	2.12	3.40	4.48	3.8/A
25+25+35	2.40	2.40	3.20	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.85	2.85	3.80	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
25+25+50	2.00	2.00	4.00	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.38	2.38	4.75	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
25+35+35	2.18	2.91	2.91	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.59	3.45	3.45	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
25+35+50	1.85	2.46	3.69	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.19	2.92	4.38	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
35+35+35	2.67	2.67	2.67	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	3.17	3.17	3.17	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
35+35+50	2.29	2.29	3.43	-	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.1/A++	2.71	2.71	4.07	-	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+22+22	2.00	2.00	2.00	2.00	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	2.38	2.38	2.38	2.38	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+22+25	1.87	1.87	1.87	2.40	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	2.22	2.22	2.22	2.85	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+22+35	1.70	1.70	1.70	2.91	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	2.02	2.02	2.02	3.45	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+22+50	1.44	1.44	1.44	3.69	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	1.71	1.71	1.71	4.38	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+25+25	1.75	1.75	2.25	2.25	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	2.08	2.08	2.67	2.67	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+25+35	1.60	1.60	2.06	2.74	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	1.90	1.90	2.44	3.26	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+25+50	1.37	1.37	1.76	3.51	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	1.62	1.62	2.09	4.17	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+22+35+35	1.47	1.47	2.53	2.53	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	1.75	1.75	3.00	3.00	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+25+25+25	1.65	2.12	2.12	2.12	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	1.96	2.51	2.51	2.51	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+25+25+35	1.51	1.95	1.95	2.59	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	1.80	2.31	2.31	3.08	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
22+25+35+35	1.40	1.80	2.40	2.40	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	1.66	2.14	2.85	2.85	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
25+25+25+25	2.00	2.00	2.00	2.00	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	2.38	2.38	2.38	2.38	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
25+25+25+35	1.85	1.85	1.85	2.46	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	2.19	2.19	2.19	2.92	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A
25+25+35+35	1.71	1.71	2.29	2.29	2.50	8.00	10.00	1.30	2.12	3.60	3.77	6.7/A++	2.04	2.04	2.71	2.71	3.60	9.50	10.00	1.00	2.20	3.60	4.32	3.8/A

Based on high wall combination

Optimum
combinations

Combination capacities


COMPATIBLE WITH:

 High wall HDLE
 Aura 22/25/35/50/70

 Console XDLF
 25/35/50

ZDAE-5130 MULTISPLIT CINCO

Indoor unit combination	COOLING												HEATING													
	Rated power (kW)					Total power (kW)			Total input power (kW)			SEER/ Energy label	Rated power (kW)					Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label	
	Unit A	Unit B	Unit C	Unit E	Unit D	Min.	Rated	Max.	Min.	Rated	Max.		Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.			
22+50	2.10	5.00	-	-	-	2.40	7.10	7.67	2.60	3.45	4.00	2.06	61/A++	2.60	5.60	-	-	-	2.60	8.20	13.00	1.61	3.20	4.00	2.56	40/A+
22+70	2.10	7.20	-	-	-	2.40	9.30	10.04	2.60	3.45	4.00	2.70	61/A++	2.60	8.50	-	-	-	2.60	11.10	13.00	1.61	3.20	4.00	3.47	40/A+
25+35	2.60	3.50	-	-	-	2.40	6.10	6.59	2.60	3.45	4.00	1.77	61/A++	2.80	3.80	-	-	-	2.60	6.60	13.00	1.61	3.20	4.00	2.06	40/A+
25+50	2.60	5.00	-	-	-	2.40	7.60	8.21	2.60	3.45	4.00	2.20	61/A++	2.80	5.60	-	-	-	2.60	8.40	13.00	1.61	3.20	4.00	2.63	40/A+
25+70	2.60	7.20	-	-	-	2.40	9.80	10.58	2.60	3.45	4.00	2.84	61/A++	2.80	8.50	-	-	-	2.60	11.30	13.00	1.61	3.20	4.00	3.53	40/A+
35+35	3.50	3.50	-	-	-	2.40	7.00	7.56	2.60	3.45	4.00	2.03	61/A++	3.80	3.80	-	-	-	2.60	7.60	13.00	1.61	3.20	4.00	2.38	40/A+
35+50	3.50	5.00	-	-	-	2.40	8.50	9.18	2.60	3.45	4.00	2.46	61/A++	3.80	5.60	-	-	-	2.60	9.40	13.00	1.61	3.20	4.00	2.94	40/A+
35+70	3.50	7.20	-	-	-	2.40	10.70	11.56	2.60	3.45	4.00	3.10	61/A++	3.80	8.50	-	-	-	2.60	12.30	13.00	1.61	3.20	4.00	3.84	40/A+
50+50	5.00	5.00	-	-	-	2.40	10.00	10.80	2.60	3.45	4.00	2.90	61/A++	5.60	5.60	-	-	-	2.60	11.20	13.00	1.61	3.20	4.00	3.50	40/A+
50+70	5.14	6.86	-	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	5.57	7.43	-	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
70+70	6.00	6.00	-	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	6.50	6.50	-	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+22+22	2.10	2.10	2.10	-	-	2.40	6.30	6.80	2.60	3.45	4.00	1.83	61/A++	2.60	2.60	2.60	-	-	2.60	7.80	13.00	1.61	3.20	4.00	2.44	40/A+
22+22+25	2.10	2.10	2.60	-	-	2.40	6.80	7.34	2.60	3.45	4.00	1.97	61/A++	2.60	2.60	2.80	-	-	2.60	8.00	13.00	1.61	3.20	4.00	2.50	40/A+
22+22+35	2.10	2.10	3.50	-	-	2.40	7.70	8.32	2.60	3.45	4.00	2.23	61/A++	2.60	2.60	3.80	-	-	2.60	9.00	13.00	1.61	3.20	4.00	2.81	40/A+
22+22+50	2.10	2.10	5.00	-	-	2.40	9.20	9.94	2.60	3.45	4.00	2.67	61/A++	2.60	2.60	5.60	-	-	2.60	10.80	13.00	1.61	3.20	4.00	3.38	40/A+
22+22+70	2.10	2.10	7.20	-	-	2.40	11.40	12.31	2.60	3.45	4.00	3.30	61/A++	2.60	2.60	7.80	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+25+25	2.10	2.60	2.60	-	-	2.40	7.30	7.88	2.60	3.45	4.00	2.12	61/A++	2.60	2.80	2.80	-	-	2.60	8.20	13.00	1.61	3.20	4.00	2.56	40/A+
22+25+35	2.10	2.60	3.50	-	-	2.40	8.20	8.86	2.60	3.45	4.00	2.38	61/A++	2.60	2.80	3.80	-	-	2.60	9.20	13.00	1.61	3.20	4.00	2.88	40/A+
22+25+50	2.10	2.60	5.00	-	-	2.40	9.70	10.48	2.60	3.45	4.00	2.81	61/A++	2.60	2.80	5.60	-	-	2.60	11.00	13.00	1.61	3.20	4.00	3.44	40/A+
22+25+70	2.10	2.60	7.20	-	-	2.40	11.90	12.85	2.60	3.45	4.00	3.45	61/A++	2.60	2.80	7.60	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+35+35	2.10	3.50	3.50	-	-	2.40	9.10	9.83	2.60	3.45	4.00	2.64	61/A++	2.60	3.80	3.80	-	-	2.60	10.20	13.00	1.61	3.20	4.00	3.19	40/A+
22+35+50	2.10	3.50	5.00	-	-	2.40	10.60	11.45	2.60	3.45	4.00	3.07	61/A++	2.60	3.80	5.60	-	-	2.60	12.00	13.00	1.61	3.20	4.00	3.75	40/A+
22+35+70	1.95	3.50	7.20	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.12	3.63	7.26	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+50+50	1.95	5.00	5.00	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.12	5.44	5.44	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+50+70	1.71	4.41	5.88	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	1.86	4.78	6.37	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+70+70	1.53	5.24	5.24	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	1.65	5.67	5.67	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
25+25+25	2.60	2.60	2.60	-	-	2.40	7.80	8.42	2.60	3.45	4.00	2.26	61/A++	2.80	2.80	2.80	-	-	2.60	8.40	13.00	1.61	3.20	4.00	2.63	40/A+
25+25+35	2.60	2.60	3.50	-	-	2.40	8.70	9.40	2.60	3.45	4.00	2.52	61/A++	2.80	2.80	3.80	-	-	2.60	9.40	13.00	1.61	3.20	4.00	2.94	40/A+
25+25+50	2.60	2.60	5.00	-	-	2.40	10.20	11.02	2.60	3.45	4.00	2.96	61/A++	2.80	2.80	5.60	-	-	2.60	11.20	13.00	1.61	3.20	4.00	3.50	40/A+
25+25+70	2.57	2.57	6.86	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.79	2.79	7.43	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
25+35+35	2.60	3.50	3.50	-	-	2.40	9.60	10.37	2.60	3.45	4.00	2.78	61/A++	2.80	3.80	3.80	-	-	2.60	10.40	13.00	1.61	3.20	4.00	3.25	40/A+
25+35+50	2.60	3.50	5.00	-	-	2.40	11.10	11.99	2.60	3.45	4.00	3.22	61/A++	2.80	3.80	5.60	-	-	2.60	12.20	13.00	1.61	3.20	4.00	3.81	40/A+
25+35+70	2.40	3.20	6.40	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.60	3.47	6.93	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
25+50+50	2.40	4.80	4.80	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.60	5.20	5.20	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
25+50+70	2.12	4.24	5.65	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.29	4.59	6.12	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
25+70+70	1.89	5.05	5.05	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.05	5.47	5.47	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
35+35+35	3.50	3.50	3.50	-	-	2.40	10.50	11.34	2.60	3.45	4.00	3.04	61/A++	4.33	4.33	4.33	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
35+35+50	3.43	3.43	5.14	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	3.71	3.71	5.57	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
35+35+70	3.00	3.00	6.00	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	3.25	3.25	6.50	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
35+50+50	3.00	4.50	4.50	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	3.25	4.88	4.88	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
35+50+70	2.67	4.00	5.33	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.89	4.33	5.78	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
35+70+70	2.40	4.80	4.80	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	2.60	5.20	5.20	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
50+50+50	4.00	4.00	4.00	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	4.33	4.33	4.33	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
50+50+70	3.60	3.60	4.80	-	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	61/A++	3.90	3.90	5.20	-	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+22+22+22	2.10	2.10	2.10	2.10	-	2.40	8.40	9.07	2.60	3.45	4.00	2.43	61/A++	2.60	2.60	2.60	2.60	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	40/A+
22+22+22+25	2.10	2.10	2.10	2.60	-	2.40	8.90																			

Indoor unit combination	COOLING												HEATING													
	Rated power (kW)					Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)					Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Unit C	Unit E	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.		
22+25+25+70	1.71	2.20	2.20	5.88	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.86	2.39	2.39	6.37	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+25+35+35	2.30	2.60	3.50	3.50	-	2.40	11.90	12.85	2.60	3.45	4.00	3.45	6.1/A++	2.28	2.93	3.90	3.90	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+25+35+50	1.83	2.35	3.13	4.70	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.98	2.54	3.39	5.09	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+25+35+70	1.62	2.08	2.77	5.54	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.75	2.25	3.00	6.00	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+25+50+50	1.62	2.08	4.15	4.15	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.75	2.25	4.50	4.50	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+25+50+70	1.45	1.86	3.72	4.97	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.57	2.02	4.03	5.38	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+35+35+35	1.95	3.35	3.35	3.35	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.12	3.63	3.63	3.63	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+35+35+50	1.71	2.94	2.94	4.41	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.86	3.18	3.18	4.78	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+35+35+70	1.53	2.62	2.62	5.24	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.65	2.84	2.84	5.67	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+35+50+50	1.53	2.62	3.93	3.93	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.65	2.84	4.25	4.25	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+35+50+70	1.38	2.36	3.54	4.72	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.49	2.56	3.84	5.11	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+50+50+50	1.38	3.54	3.54	3.54	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.49	3.84	3.84	3.84	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+25+25	2.60	2.60	2.60	2.60	-	2.40	10.40	11.23	2.60	3.45	4.00	3.01	6.1/A++	3.25	3.25	3.25	3.25	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+25+35	2.60	2.60	2.60	3.50	-	2.40	11.30	12.20	2.60	3.45	4.00	3.28	6.1/A++	3.00	3.00	3.00	4.00	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+25+50	2.40	2.40	2.40	4.80	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.60	2.60	2.60	5.20	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+25+70	2.12	2.12	2.12	5.65	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.29	2.29	2.29	6.12	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+35+35	2.57	2.57	3.43	3.43	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.79	2.79	3.71	3.71	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+35+50	2.25	2.25	3.00	4.50	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.44	2.44	3.25	4.88	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+35+70	2.00	2.00	2.67	5.33	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.17	2.17	2.89	5.78	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+50+50	2.00	2.00	4.00	4.00	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.17	2.17	4.33	4.33	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+25+50+70	1.80	1.80	3.60	4.80	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.95	1.95	3.90	5.20	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+35+35+35	2.40	3.20	3.20	3.20	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.60	3.47	3.47	3.47	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+35+35+50	2.12	2.82	2.82	4.24	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.29	3.06	3.06	4.59	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+35+35+70	1.89	2.53	2.53	5.05	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.05	2.74	2.74	5.47	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+35+50+50	1.89	2.53	3.79	3.79	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.05	2.74	4.11	4.11	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+35+50+70	1.71	2.29	3.43	4.57	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.86	2.48	3.71	4.95	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
25+50+50+50	1.71	3.43	3.43	3.43	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.86	3.71	3.71	3.71	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
35+35+35+35	3.00	3.00	3.00	3.00	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	3.25	3.25	3.25	3.25	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
35+35+35+50	2.67	2.67	2.67	4.00	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.89	2.89	2.89	4.33	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
35+35+35+70	2.40	2.40	2.40	4.80	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.60	2.60	2.60	5.20	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
35+35+50+50	2.40	2.40	3.60	3.60	-	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.60	2.60	3.90	3.90	-	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+22+22	2.10	2.10	2.10	2.10	2.10	2.40	10.50	11.34	2.60	3.45	4.00	3.04	6.1/A++	2.60	2.60	2.60	2.60	2.60	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+22+25	2.10	2.10	2.10	2.10	2.60	2.40	11.00	11.88	2.60	3.45	4.00	3.19	6.1/A++	2.46	2.46	2.46	2.46	3.16	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+22+35	2.10	2.10	2.10	2.10	3.50	2.40	11.90	12.85	2.60	3.45	4.00	3.45	6.1/A++	2.28	2.28	2.28	2.28	3.90	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+22+50	1.83	1.83	1.83	1.83	4.70	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.98	1.98	1.98	1.98	5.09	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+22+70	1.62	1.62	1.62	1.62	5.54	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	1.75	1.75	1.75	1.75	6.00	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+25+25	2.10	2.10	2.10	2.60	2.60	2.40	11.50	12.42	2.60	3.45	4.00	3.33	6.1/A++	2.33	2.33	2.33	3.00	3.00	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+25+35	2.00	2.00	2.00	2.57	3.43	2.40	12.00	13.60	2.60	3.45	4.00	3.48	6.1/A++	2.17	2.17	2.17	2.79	3.71	2.60	13.00	13.00	1.61	3.20	4.00	4.06	4.0/A+
22+22+22+25+50	1.75	1.75	1.75	2.25	4.50	2.40	12.00	13.60	2.60	3.45	4.00															





CONSOLE, FLOOR CEILING AND FLOOR STANDING *Ranges*

MODELS

			FLUID	9 2.5	12 3.5	18 5	24 7	36 10	48 12.5	60 16	kBTU/h kW
p.102	XDLF		<i>Dual-flow console Ideal solution for replacing electric radiators</i>	R32	✓	✓	✓				
p.104	XDMX		<i>Dual-flow console Ideal solution for replacing electric radiators</i>	R32		✓	✓				
p.106	FDMX		<i>Floor ceiling High-range blowing</i>	R32			✓	✓	✓	✓	✓
p.108	FDLK		<i>Low-temperature floor ceiling Solution for low- temperature rooms</i>	R32			✓	✓			
p.110	SDMX		<i>Floor standing Solution for high- volume halls</i>	R32						✓	

+ PRODUCT

- RC08A remote control included (see p.144)
- Wide range (9/12/18)
- Dual-flow air supply
- Operate down to -22°C
- Multisplit compatible
- Active charcoal filter

Connectivity



Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



BLUE FIN TREATMENT

Air quality



NANO PHOTOCATALYTIC FILTER



ANTIBACTERIAL FILTER

User functions



I FEEL



NIGHT MODE



QUIET MODE



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



Wi-Fi

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Certified performance in monosplit configuration

XDLF

Dual-flow console

COOLING
A++HEATING
A+FLUID
R32RC08A
included

+ “USER”

- User-friendly (“I Feel”, Wi-Fi).
- Night mode.

+ “INSTALLER”

- The best reliability on the market.

+ “TECHNOLOGY”

- DC fan units.
- Installer mode for direct reading of the probes on the indoor unit.
- Technician mode for setting the operating temperatures.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW27 (see p.154)	7ACEL1874		Weekly programming, mode setting, temperature setting, fan speed, key lock.

TECHNICAL DATA

MULTISPLIT
CONFIGURATION ONLY

INDOOR UNIT			XDLF-025N-09M25	XDLF-035N-09M25	XDLF-050N-09M25
Part number			7SP071440	7SP071441	7SP071442
Phase			Single-phase	Single-phase	Single-phase
COOLING					
Rated power (min./max.)		kW	2.70 (0.7-3.4)	3.50 (0.8-4.4)	5.20 (1.3-6.6)
P _{designc}		kW	-	3.50	5.20
Rated power input / EER		kW	-	1.00/3.52	1.55/3.35
SEER/Energy label			-	7.0/A++	6.6/A++
Operating limits		°C	-	-15°/43° Dry bulb	

HEATING					
Rated power (min./max.)		kW	2.90 (0.6-3.5)	3.80 (1.1-4.4)	5.33 (1.12-6.8)
P _{designh} (average climate)		kW	-	3.20	5.00
P _{designh} (warmer climate)		kW	-	3.30	5.00
Rated power input / COP		kW	-	0.96/3.96	1.50/3.55
SCOP/Energy label (average climate)			-	4.1/A+	4.1/A+
SCOP/Energy label (warmer climate)			-	5.3/A+++	5.1/A+++
Operating limits		°C	-	-22°/24° Dry bulb	
Power at -10 °C		kW	-	3.34	4.69
Power at -15 °C		kW	-	2.28	3.20

INDOOR UNIT					
Sound pressure level at 1 m (VL/LS/MS/HS)		dB(A)	23/26/33/39	25/29/38/44	32/37/43/47
Sound level		dB(A)	34/38/45/50	35/39/48/54	42/47/53/57
Airflow (VL/LS/MS/HS)		m³/h	250/280/410/500	280/360/480/600	320/410/580/700
Dehumidification		l/h	0.80	1.20	1.80
Outline dimensions (WxHxD)		mm	700x600x215	700x600x215	700x600x215
Package dimensions (WxHxD)		mm	788x685x295	788x685x295	788x685x295
Net weight/Gross weight		kg	15.5/18.5	15.5/18.5	15.5/18.5

OUTDOOR UNIT			-	YDAF-035R-09M25	YDAF-050R-09M25
Part number			-	7SP063205	7SP063206
Sound pressure level at 1 m		dB(A)	-	52	57
Sound level		dB(A)	-	62	65
Airflow		m³/h	-	2200	3200
Compressor type			-	Rotary DCI	Rotary DCI
Outline dimensions (WxHxD)		mm	-	848x596x320	965x700x396
Package dimensions (WxHxD)		mm	-	881x645x363	1029x750x458
Net weight/Gross weight		kg	-	30.5/33.5	46/50.5

POWER SUPPLY					
Phase/Voltage/Frequency			1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side			Outdoor	Outdoor	Outdoor
Power cable section		mm²	-	3x1.5	3x1.5
Fuse rating am (courbe D)		A	-	16	16
Electrical connections		mm²	4x1.5	4x1.5	4x1.5

PIPE LINE					
Suction pipe diameter		inches	3/8"	3/8"	1/2"
Liquid pipe diameter		inches	1/4"	1/4"	1/4"
Max. length		m	-	20	25
Max. height		m	-	10	10
Refrigerant/GWP			-	R32/675	R32/675
Charge (5m)		kg	-	0.75	0.95
Additional charge		g/m	-	16	16

Warning: Unit not suitable for wet rooms such as bathrooms, kitchens, laundry rooms.

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
CONSOLE	MULTISPLIT
	
XDLF 025	ZDAE

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
CONSOLE	MONOSPLIT	MULTISPLIT
		
XDLF 035 & 050	YDAF	ZDAE

+ PRODUCT

- RC18 remote control included (see p.146)
- Design
- Performance
- Quiet
- Compatible multisplit ZDAA

Connectivity



Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



GOLDEN FIN TREATMENT

Air quality



ANTIBACTERIAL FILTER

User functions



I FEEL



NIGHT MODE



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



TEMPERATURE LOCK



MODE LOCK



Wi-Fi

Installer functions



HEATING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Certified performance in monosplit configuration

XDMX

Dual-flow console


COOLING
A++

HEATING
A+

FLUID
R32


RC18 included

+ "SUSTAINABLE DEVELOPMENT"

- High seasonal performance (SEER/SCOP).
- Energy label A++ in cooling mode and A+ in heating mode depending on model guaranteeing energy savings.
- Environment friendly R32 refrigerant.

+ "USER"

- Contemporary design to fit any interior.
- Multi-directional air louvers for air distribution throughout the room.
- Wi-Fi included for remote control of the unit.
- Low noise level ideal for living rooms (bedroom, office, living room, etc.).

+ "INSTALLER"

- Room sensor built into the remote control for better comfort ("I Feel" mode).
- Automatic cleaning of heat exchangers for better hygiene and performance.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.

+ "TECHNOLOGY"

- Installer mode for direct reading of the probes on the indoor unit.
- Technician mode for setting the operating temperatures.

TECHNICAL DATA

INDOOR UNIT		XDMX-035N-09M25	XDMX-050N-09M25
Part number		7SP071435	7SP071436
Phase		Single-phase	Single-phase
COOLING			
Rated power (min./max.)	kW	3.52 (0.76~4.25)	4.98 (2.64~5.57)
Pdesignc	kW	3.50	5.00
Rated power input / EER	kW	1.00/3.52	1.50/3.32
SEER/Energy label		7.3/A++	6.7/A++
Operating limits	°C	-15°/50° Dry bulb	
HEATING			
Rated power (min./max.)	kW	3.81 (0.45~4.69)	5.28 (2.20~6.30)
Pdesignh (average climate)	kW	2.60	4.00
Pdesignh (warmer climate)	kW	3.40	5.00
Rated power input / COP	kW	0.98/3.88	1.42/3.71
SCOP/Energy label (average climate)		4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)		5.5/A+++	5.0/A++
Operating limits	°C	-15°/24° Dry bulb	
Power at -7 °C	kW	3.18	4.86
Power at -10 °C	kW	3.04	4.64
Power at -15 °C	kW	2.85	4.35
INDOOR UNIT			
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	27/34/37	32/38/41
Sound level	dB(A)	54	55
Airflow (LS/MS/HS)	m³/h	490/580/650	600/690/780
Dehumidification	l/h	1.2	1.8
Outline dimensions (WxHxD)	mm	794x621x200	794x621x200
Package dimensions (WxHxD)	mm	865x280x719	865x280x719
Net weight/Gross weight	kg	14.9/18.8	14.9/18.8

OUTDOOR UNIT		YDAX-035H-09M25	YDAX-050H-09M25
Part number		7SP063170	7SP063171
Sound pressure level at 1 m	dB(A)	51	52
Sound level	dB(A)	62	63
Airflow	m³/h	2200	2100
Compressor type		Rotary DCI	Rotary DCI
Outline dimensions (WxHxD)	mm	765x555x303	805x554x330
Package dimensions (WxHxD)	mm	887x610x337	915x615x370
Net weight/Gross weight	kg	26.6/29.4	32.5/35.3

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5
Fuse rating am	A	16	16
Electrical connections in/out	mm²	4G1.5	4G1.5

PIPE LINE

Suction pipe diameter	inches	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"
Max. length	m	25	30
Max. height	m	10	20
Refrigerant/GWP		R32/675	R32/675
Charge (5m)	kg	0.71	1.15
Additional charge	g/m	12	12

Warning: Unit not suitable for wet rooms such as bathrooms, kitchens, laundry rooms.

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
CONSOLE	MONOSPLIT	MULTISPLIT
		
XDMX	YDAX	ZDAA

+ PRODUCT

- RC18 remote control included (see p.146)
- Floor or ceiling installation
- Slim
- Long distance air throw
- Compatible with YDZC and ZDAA multisplits

Connectivity



With LCAC Wi-Fi module in optional

Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



GOLDEN FIN TREATMENT

Air quality



ANTIBACTERIAL FILTER

User functions



I FEEL



NIGHT MODE



TIMER



AUTO RESTART (MEMORY)



TEMPERATURE LOCK



MODE LOCK

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate:

www.eurovent-certification.com



- Models marked * are not Eurovent certified

FDMX

Floor ceiling



COOLING
A++



HEATING
A+



FLUID
R32



RC18
included

+ "SUSTAINABLE DEVELOPMENT"

- Energy label A++ in cooling mode and A+ in heating mode depending on model guaranteeing energy savings.

+ "USER"

- Discreet thanks to its small depth (235 mm).
- Wall or ceiling installation, ideal to suit the room configuration.

+ "INSTALLER"

- Parameter reading.
- Air louvers optimized for blowing up to 11 m.
- Maximum piping length up to 75m adapted to complex and remote installation.

+ "TECHNOLOGY"

- Multi-directional air louvers for air distribution throughout the room.
- Room sensor built into the remote control for better comfort ("I Feel" mode by pressing the Turbo button on the remote control for 7 s).
- On/Off contact included associated with a "room card" or other solution (not supplied) for better control and for energy savings.
- Alarm contact (synthesis fault) included.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
- Wide operating range of -15° to 50°C in cooling mode and -15° to 24°C in heating mode.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW11 (see p.150)	7ACEL1774		• Weekly timer, mode, fan speed, On/Off timer, "I Feel" function, temperature.
Wired remote control RCW26 (see p.152) Order of the 7ACEL1776 interface required by indoor unit.	7ACEL1876		• Controls until 16 indoor units.
Condensate pump Mini Flowwatch MF2	7ACTL0517		• Condensate evacuation from indoor units.
LCAC Wi-Fi accessory	7ACEL1883		• Accessory for remote control via Wi-Fi.

TECHNICAL DATA

INDOOR UNIT		FDMX-050N-09M25	FDMX-070N-09M25	FDMX-100N-09M25	FDMX-100N-09M25	FDMX-140N-09M25*	FDMX-175N-09M25*
Part number		7SP012300	7SP012301	7SP012302	7SP012302	7SP012303	7SP012304
Phase		Single-phase	Single-phase	Single-phase	Three-phase	Three-phase	Three-phase
COOLING							
Rated power (min./max.)	kW	5.28 (2.71~5.86)	7.03 (3.22~7.77)	10.55 (2.73~11.43)	10.55 (2.73~11.78)	14.07 (3.52~15.24)	15.83 (4.10~16.71)
Pdesignc	kW	5.40	7.20	10.50	10.50	14.00	15.50
Rated power input / EER	kW	1.46/3.70	2.44/2.95	4.04/2.60	4.04/2.60	5.00/2.81	5.65/2.81
SEER/Energy label		6.2/A++	6.1/A++	6.4/A++	6.2/A++	6.1/A++	6.1/A++
Operating limits	°C	-15°~50°C Dry bulb					
HEATING							
Rated power (min./max.)	kW	5.57 (2.42~6.30)	7.62 (2.72~8.29)	11.72 (2.78~12.78)	11.72 (2.81~12.78)	16.12 (4.10~17.00)	18.17 (4.40~19.64)
Pdesignh (average climate)	kW	4.00	5.50	8.60	8.60	11.20	11.90
Pdesignh (warmer climate)	kW	5.10	5.80	10.20	10.00	11.70	12.60
Rated power input / COP	kW	1.47/3.79	1.85/4.00	3.33/3.60	3.43/3.50	5.10/3.16	6.05/3.00
SCOP/Energy label (average climate)		4.0/A+	4.0/A+	4.1/A+	4.0/A+	3.9/A	4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++
Operating limits	°C	-15°~24°C Dry bulb					
Power at -7°C	kW	4.30	5.94	9.21	9.08	11.76	12.76
Power at -10°C	kW	4.11	5.67	8.79	8.67	11.23	12.18
Power at -15°C	kW	3.85	5.31	8.23	8.12	10.51	11.41
INDOOR UNIT							
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	37/41/44	43/47/51	45/48/51.5	45/47.5/51	46/50/53	48/52/55
Sound level	dB(A)	59	55	65	65	67	67
Airflow (LS/MS/HS)	m³/h	723/839/958	853/1023/1192	1504/1728/1955	1504/1728/1955	1600/1850/2100	1650/1950/2200
Dehumidification	l/h	1.80	2.40	3.60	3.60	4.80	5.50
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Package dimensions (WxHxD)	mm	1145x755x318	1145x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318
Net weight/Gross weight	kg	28/33.4	28/33.2	41.5/48.1	41.5/48.1	41.7/48.6	42.3/49.3

OUTDOOR UNIT		YDAX-050H-09M25	YDAX-070H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-140H-09T35	YDAX-175H-09T35
Part number		7SP063171	7SP063172	7SP063173	7SP063174	7SP063175	7SP063176
Sound pressure level at 1 m	dB(A)	54	56	59	59	63	62
Sound level	dB(A)	65	67	70	74	74	73
Airflow	m³/h	2100	3500	4000	4000	7500	7500
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	805x554x330	890x673x342	946x810x410	946x810x410	952x1333x415	952x1333x415
Package dimensions (WxHxD)	mm	915x615x370	995x740x398	1090x885x500	1090x885x500	1095x1480x495	1095x1480x495
Net weight/Gross weight	kg	32.5/35.3	43.9/46.7	66.9/72.1	75.5/85.6	103.7/118.3	107.0/121.2
POWER SUPPLY							
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G2.5	3G4.0	5G2.5	5G2.5	5G2.5
Fuse rating am	A	16	20	25	16	16	16
Electrical connections in/out	mm²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5
PIPE LINE							
Suction pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	30	50	75	75	75	75
Max. height	m	20	25	30	30	30	30
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	1.15	1.50	2.40	2.40	2.90	3.00
Additional charge	g/m	12	24	24	24	24	24

MATCHING

INDOOR UNIT		COMPATIBLE WITH OUTDOOR UNIT		
FLOOR CEILING		MONOSPLIT	MULTISPLIT	
	FDMX 050N & 070N			
	FDMX 100N to 175N			

+ PRODUCT

- RCW25 remote control included
- Minimum temperature setpoint of 12 °C
- Robust and tough: metal structure

Technology**Air quality****User functions****Installer functions****FDLK****Low-temperature floor ceiling**

RCW25 included

+ “SUSTAINABLE DEVELOPMENT”

- High energy label A++.

+ “INSTALLER”

- Ease of installation

+ “USER”

- Dedicated solution for low-temperature rooms (wine cellars, preparation rooms, household waste areas, etc.).
- The indoor unit is more compact and lighter than the previous version, allowing it to be easily built-in even in small spaces.
- With an optimized air flow rate, the temperature set point can be achieved more quickly.
- Floor or ceiling installation, perfect for integrating harmoniously into the space.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Condensate pump Mini Flowwatch MF2	7ACTL0517		• Condensate evacuation from indoor units.

TECHNICAL DATA

INDOOR UNIT		FDLK-050N-09M25	FDLK-070N-09M25
Part number		7SP012315	7SP012316
Phase		Single-phase	Single-phase

COOLING

Rated power (min./max.)	kW	5.30 (2.00-5.60)	7.00 (3.50-8.00)
Pdesignc	kW	5.30	7.10
Rated power input	kW	1.49	2.09
SEER/Energy label		6.1/A++	6.1/A++
Operating limits	°C	-15°/50° Dry bulb	

EXT. 35°C/ INT. 12°C

Cooling capacity	kW	4.39	6.15
Rated power input	kW	1.17	1.75

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB(A)	36/42/47	36/42/47
Sound level	dB(A)	52	52
Airflow (LS/MS/HS)	m³/h	900/1050/1200	900/1050/1200
Dehumidification	l/h	1.80	2.40
Outline dimensions (WxHxD)	mm	1050x675x235	1050x675x235
Package dimensions (WxHxD)	mm	1130x765x330	1130x765x330
Net weight/Gross weight	kg	26.5/31	26.5/31

OUTDOOR UNIT		YDAK-050R-09M25	YDAK-070R-09M25
Part number		7SP063195	7SP063196
Sound pressure level at 1 m	dB(A)	52	54
Sound level	dB(A)	66	68
Airflow	m³/h	1950	3200
Compressor type		Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	880x555x345	935x702x382
Package dimensions (WxHxD)	mm	920x600x380	975x770x435
Net weight/Gross weight	kg	32.5/35	48.7/52.6

POWER SUPPLY

Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz
Power supply side		Outdoor	Outdoor
Power cable section	mm²	3G2.5	3G2.5
Fuse rating am	A	20	20
Electrical connections in/out	mm²	4G1.5	4G1.5

PIPE LINE

Suction pipe diameter	inches	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"
Max. length	m	15	20
Max. height	m	8	10
Refrigerant/GWP		R32/675	R32/675
Charge	kg	1.20	1.45
Additional charge	g/m	12	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
FLOOR CEILING	MONOSPLIT
	
FDLK	YDAK

+ PRODUCT

- RC19 remote control included (see p.148)
- Long distance air throw
- High airflow (2413 m3/h)
- Inverter solution

Technology



ELECTRONIC EXPANSION VALVE



GOLDEN FIN TREATMENT

Air quality



ANTIBACTERIAL FILTER

User functions



I FEEL



TIMER



AUTO RESTART (MEMORY)

Installer functions



ERROR CODE VIA INDOOR UNIT

SDMX

Floor standing



COOLING
A++



HEATING
A+



FLUID
R32



RC19 included

+ “SUSTAINABLE DEVELOPMENT”

- Energy label A++ in cooling mode and A+ in heating mode guaranteeing energy savings.
- Environment friendly R32 refrigerant.

+ “USER”

- Solution suitable for large spaces.
- Controlled by infrared remote control.

+ “TECHNOLOGY”

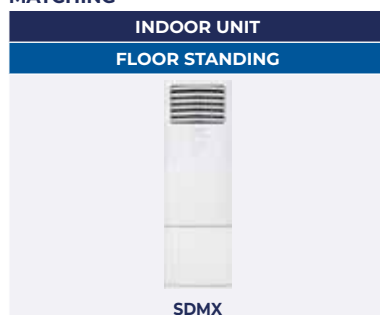
- Room sensor built into the remote control for better comfort (“I Feel” mode).
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.

TECHNICAL DATA

INDOOR UNIT		SDMX-140N-09M35
Part number		7SP101060
Phase		Three-phase
COOLING		
Rated power (min./max.)	kW	14.07 (3.51-15.64)
Rated power input / EER	kW	4.95/2.84
SEER/Energy label		6.1/A++
Operating limits	°C	-15°~50°C Dry bulb
HEATING		
Rated power (min./max.)	kW	16.12 (4.92-17.83)
Pdesignh (average climate)	kW	11.10
Pdesignh (warmer climate)	kW	11.00
Rated power input / COP	kW	5.10/3.16
SCOP/Energy label (average climate)		4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++
Power at -7°C	kW	14.89
Power at -10°C	kW	14.22
Power at -15°C	kW	13.31
Operating limits	°C	-15°~24°C Dry bulb
INDOOR UNIT		
Sound pressure level at 1,5 m	dB(A)	55
Sound level	dB(A)	67
Airflow (LS/MS/HS)	m³/h	2027/2222/2413
Dehumidification	l/h	4.80
Outline dimensions (WxHxD)	mm	629x1935x456
Package dimensions (WxHxD)	mm	750x2055x575
Net weight/Gross weight	kg	59.0/77.0

OUTDOOR UNIT		YDAX-140H-09T35
Part number		7SP063175
Sound pressure level at 1 m	dB(A)	62
Sound level	dB(A)	73
Airflow	m³/h	7500
Compressor type		Rotary
Outline dimensions (WxHxD)	mm	952x1333x415
Package dimensions (WxHxD)	mm	1095x1480x495
Net weight/Gross weight	kg	103.7/118.3
POWER SUPPLY		
Phase/Voltage/Frequency		3P/380-415V/50Hz
Power supply side		Outdoor
Power cable section	mm²	5G2.5
Fuse rating am	A	16
Electrical connections in/out	mm²	4G1.5
PIPE LINE		
Suction pipe diameter	inches	5/8"
Liquid pipe diameter	inches	3/8"
Max. length	m	65
Max. height	m	30
Refrigerant/GWP		R32/675
Charge (5m)	kg	2.80

MATCHING







DUCTED

Range



MODELS

p.114

DDMX



Medium-pressure
ducted
Designed to fit
into tight false
ceiling

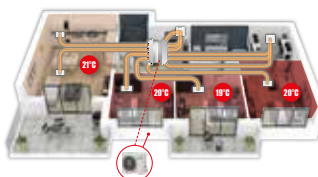
FLUID	7 2	12 3.5	18 5	24 7	36 10	48 14	60 17	kBTU/h kW
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R32



p.116

WELLZONE



Zone-by-zone regulation
Ideal temperature in each room

+ PRODUCT

- RCW11 remote control included (see p.150)
- Discreet
- Compact
- Performance
- Compatible with YDZC and ZDAA multisplits
- Airzone compatible

Connectivity



AirHome With LCAC Wi-Fi module in optional

Technology



FLEX MATCH



ELECTRONIC EXPANSION VALVE



GOLDEN FIN TREATMENT

Air quality



ANTIBACTERIAL FILTER



FRESH AIR SUPPLY

User functions



I FEEL



NIGHT MODE



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



TEMPERATURE LOCK



MODE LOCK

Installer functions



AUTO-DIAGNOSTIC



BUILT-IN CONDENSATE PUMP



ALARM OUTPUT



DRY CONTACT ON/OFF

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Models marked * are not Eurovent certified

DDMX

Medium-pressure ducted



COOLING
A++



HEATING
A+



FLUID
R32



DDMX 022N-035N



RCW11 included



DDMX 050N-175N

+ “SUSTAINABLE DEVELOPMENT”

- Energy label A++ in cooling mode and A+ in heating mode guaranteeing energy savings.

+ “USER”

- Invisible solution that can adapt to all types of interiors.
- Wide range adapted to your needs.
- Quiet due to its installation in a false ceiling.

+ “INSTALLER”

- Compact design, ideal for tight spaces.
- Static pressure (160 Pa) suitable for long duct lengths.
- Unit with pre-drilled holes for fresh air supply to the room.
- Maximum piping length up to 75 m adapted to complex and remote installation.

+ “TECHNOLOGY”

- On/Off contact included associated with a “room card” or other solution (not supplied) for better control and for energy savings.
- Alarm contact (synthesis fault) included.
- Room sensor built into the remote control for better comfort (“I Feel” mode by pressing the Turbo button on the remote control for 7 s).
- Condensate pump included for automatic discharge.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
- Wide operating range of -15° to 50°C in cooling mode and -15° to 24°C in heating mode.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wireless controller RC18 (see p.146)	7ACEL1898		• Fan speed mode, On/Off timer, “I Feel” function, technician test mode.
Wired remote control RCW26 (see p.152) Order of the 7ACEL1776 interface required by indoor unit.	7ACEL1876		• Controls until 16 indoor units.
LCAC Wi-Fi accessory	7ACEL1883		• Accessory for remote control via Wi-Fi.
Insulated air duct plenum	7ACVF0136		• 3 outputs DN160. For DDMX 50.
	7ACVF0137		• 3 outputs DN160. For DDMX 70.
	7ACVF0138		• 3 outputs DN160. For DDMX 90-100.
	7ACVF0139		• 3 outputs DN160. For DDMX 140-175.

TECHNICAL DATA

INDOOR UNIT			DDMX-022N-09M25	DDMX-035N-09M25	DDMX-050N-09M25	DDMX-070N-09M25	DDMX-090N-09M25	DDMX-100N-09M25	DDMX-100N-09M25	DDMX-140N-09M25*	DDMX-175N-09M25*
Part number			7SP033069	7SP033070	7SP033071	7SP033072	7SP033076	7SP033073	7SP033073	7SP033074	7SP033075
Phase			Single-phase						Three-phase		
COOLING											
Rated power (min./max.)		kW	2.05 (0.31~2.33)	3.52 (0.53~3.99)	5.28 (2.55~5.86)	7.03 (3.28~8.16)	8.79 (2.23~9.85)	10.55 (2.75~11.14)	10.55 (2.73~11.78)	14.07 (3.52~15.53)	15.24 (4.10~17.29)
Pdesignnc		kW		3.50	5.40	7.10	8.8	10.50	10.60	14.00	15.30
Rated power input/EER		kW		1.06/3.30	1.53/3.52	2.25/3.15	2.50/3.52	4.04/2.62	3.93/2.70	4.80/2.93	5.25/2.90
SEER/Energy label				6.3/A++	6.5/A++	6.2/A++	6.5/A++	6.2/A++	6.1/A++	6.1/A++	6.1/A++
Operating limits		°C		-15°~50°C Dry bulb							
HEATING											
Rated power (min./max.)		kW	2.34 (0.62~2.70)	3.81 (1.00~4.39)	5.57 (2.20~6.15)	7.62 (2.81~8.49)	9.38 (2.70~10.02)	11.72 (2.78~12.78)	11.72 (2.78~12.84)	16.12 (4.10~18.17)	18.17 (4.40~20.52)
Pdesignnh (average climate)		kW		2.70	4.30	5.40	8	8.40	8.80	8.80	12.50
Pdesignnh (warmer climate)		kW		3.40	5.20	6.00	8.20	9.80	10.00	11.50	12.80
Rated power input/COP		kW		1.15/3.66	1.49/3.75	1.73/4.10	2.25/4.17	3.23/3.71	3.23/3.71	4.50/3.58	5.15/3.52
SCOP/Energy label (average climate)				4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)				5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.0/A++	5.1/A+++
Operating limits		°C		-15°~24°C Dry bulb							
Power at -7°C		kW		2.98	4.45	6.13	6.46	9.11	9.18	12.89	13.27
Power at -10°C		kW		2.85	4.25	5.85	6.16	8.69	8.76	12.31	12.67
Power at -15°C		kW		2.67	3.98	5.48	5.77	8.14	8.21	11.53	11.86
INDOOR UNIT											
Sound pressure level at 1 m (LS/MS/HS)		dB(A)	23/27/34/40	23/29/30/34	23/29/30/34	27/37/42/40	40.5/46/48/50.5	42/46/48/49	42/46/48/49	42/47/49/50	47/49/52
Sound level		dB(A)	58	58	58	62	63	61	61	66	66
Airflow (LS/MS/HS)		m³/h	230/340/500	300/480/600	515.2/706/911	825.1/1035/1229	1500/1800/2100	1500/1800/2100	1500/1800/2100	1680/2040/2400	1820/2210/2600
External static pressure (standard/max.)		Pa	25/0-40	25/ 0-60	25/0-100	25/0-160	37/0-160	37/0-160	37/0-160	50/0-160	50/0-160
Dehumidification		l/h	0.70	1.20	1.80	2.40	3.00	3.60	3.60	4.80	5.50
Outline dimensions (WxHxD)		mm	700x200x506	700x200x506	880x210x674	1100x249x774	1360x249x774	1360x249x774	1360x249x774	1200x300x874	1200x300x874
Package dimensions (WxHxD)		mm	860x285x540	860x285x540	1070x280x725	1305x315x805	1570x300x805	1570x300x805	1570x330x805	1405x365x915	1405x365x915
Net weight/Gross weight		kg	17.8/25.2	17.8/25.2	24.4/30.4	32.3/39.7	40.5/48.3	40.5/48.9	40.5/48.9	47.6/56.5	47.4/56.8
OUTDOOR UNIT			-	YDAX-035H-09M25	YDAX-050H-09M25	YDAX-070H-09M25	YDAX-090H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-140H-09T35	YDAX-175H-09T35
Part number			-	7SP063170	7SP063171	7SP063172	7SP063177	7SP063173	7SP063174	7SP063175	7SP063176
Sound pressure level at 1 m		dB(A)		51	54	57	59	59	59	63	63
Sound level		dB(A)		62	65	68	70	70	70	74	74
Airflow		m³/h		2200	2100	3500	3800	4000	4000	7500	7500
Compressor type				Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)		mm		765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	946x810x410	952x1333x415	952x1333x415
Package dimensions (WxHxD)		mm		887x610x337	915x615x370	995x740x398	1090x885x500	1090x885x500	1090x885x500	1095x1480x495	1095x1480x495
Net weight/Gross weight		kg		26.6/29.4	32.5/35.3	43.9/46.7	52.8/57.3	66.9/72.1	75.5/85.6	103.7/118.3	107.0/121.2
POWER SUPPLY											
Phase/Voltage/Frequency			1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side				Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section		mm²		3G1.5	3G1.5	3G2.5	3G4.0	3G4.0	5G2.5	5G2.5	5G2.5
Fuse rating am		A		16	16	20	25	25	16	16	16
Electrical connections in/out		mm²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5
PIPE LINE											
Suction pipe diameter		inches	3/8"	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter		inches	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length		m		25	30	50	50	75	75	75	75
Max. height		m		10	20	25	25	30	30	30	30
Refrigerant/GWP				R32/675	R32/675	R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge (5 m)		kg		0.72	1.15	1.50	2.00	2.40	2.40	2.90	3.00
Additional charge		g/m		12	12	24	24	24	24	24	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
	MONOSPLIT	MULTISPLIT
DUCTED		
		 ZDAA  YDZC
	 YDAX	 ZDAA  YDZC

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
	MONOSPLIT	
DUCTED		
	 YDAX	
	 YDAX	

WELLZONE

Zone-by-zone regulation

→ *ideal temperature in each room*

This solution works with the ducted DDMX*.

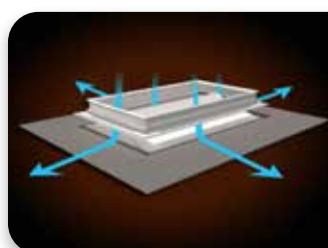
- ▶ Air/air heat pump: **control up to 6 zones** in heating and cooling mode.
- ▶ The air louvers change their position (from 0 to 100%) in accordance with the thermostat (temperature set point) of each room, which **maintains the desired comfort temperature**.
- ▶ Each zone has an **independent remote control** equipped with the "I Feel" system, used to control the ambient temperature and the air louvers.
- ▶ **Invisible** HVAC solution for the whole house.
- ▶ **Cost saving** system (1 single indoor unit).

OPTION 1: YOUR ALL INCLUDEDIVE SOLUTION

REFERENCE	DESCRIPTION	COMPATIBILITY	PART NUMBER
1 WELLZONE 3V	• Control up to 3 zones	DDMX 35-50	7ACEL1805
2 WELLZONE 4V	• Control up to 4 zones	DDMX 35-50	7ACEL1806
3 WELLZONE 4V-5S	• Control up to 4 zones with 5 outputs	DDMX 70-175	7ACEL1807
4 WELLZONE 5V	• Control up to 5 zones	DDMX 70-175	7ACEL1808
5 WELLZONE 5V-6S	• Control up to 5 zones with 6 outputs	DDMX 70-175	7ACEL1903
6 WELLZONE 6V	• Control up to 6 zones	DDMX 70-175	7ACEL1809

		1 WELLZONE 3V	2 WELLZONE 4V	3 WELLZONE 4V-5S	4 WELLZONE 5V	5 WELLZONE 5V-6S	6 WELLZONE 6V
Description	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
PACK WZ	Thermostat	3	4	4	5	5	6
	Programming timer	1	1	1	1	1	1
	Servomotor	3	4	5	5	6	6
	Control systems gateway	1	1	1	1	1	1
	Supply plenum	1	1	1	1	1	1
Return plenum		1	1	1	1	1	1
ABS plenum grid (400x150 mm)		3	4	5	5	6	6
Double deflection air supply grid in matt white aluminum (400x150 mm)		3	4	5	5	6	6
Steel plenum grid (600x400 mm)		1	1	2	2	2	2
White aluminium return filter holder grid (600x400 mm)		1	1	2	2	2	2
Reducer (250/200 mm)		-	-	1	1	2	2
10m polyester-insulated duct M1 (Ø200 mm)		4	5	7	7	8	8
10m polyester-insulated duct M1 (Ø250 mm)		1	1	2	2	2	2

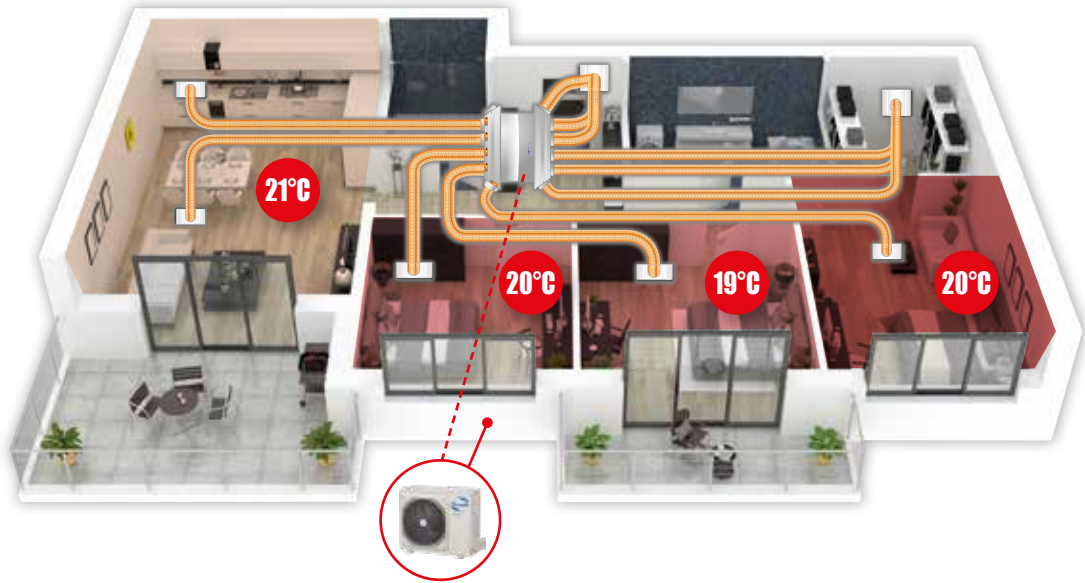
* In a multisplit configuration, the DDMX is not Wellzone-compatible.



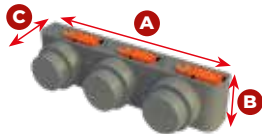
Customize design of air supply grids according to interior of house.



SIMULATION FOR AN INSTALLATION IN 4 ZONES WITH 5 OUTPUTS / WELLZONE 4V-5S



Contents of a complete wellzone kit



Supply and return
plenums
+ Servomotors



Diffusion and
return grids



Flexible insulated
multi-layer
polyester ducts



Control
systems
gateway



Thermostat

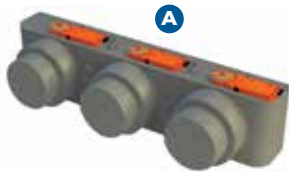
REFERENCE	DUCT DIAMETER (Ø)	DIMENSIONS A x B x C
PLENUM 3S	250 > 200 > 160	1100 x 350 x 411
PLENUM 4S	200 > 160	1100 x 350 x 300
PLENUM 6S	250 & 200 > 160	1621 x 350 x 450

OPTION 2: YOUR CONTROL SYSTEMS GATEWAY SOLUTION

The most economic solution

► Adjust according to your needs by selecting the Wellzone pack of your choice (see table below).

Composition of a regulation pack



Supply plenum
+ Servomotors



Control systems
gateway



Thermostat



Supply and
return plenum

REFERENCE	DESCRIPTION	COMPATIBILITY	PART NUMBER
PACK WZ 3V	A x 1 / B x 1 / C x 3	DDMX 35-50	7ACEL1810
PACK WZ 4V	A x 1 / B x 1 / C x 4	DDMX 35-50	7ACEL1811
PACK WZ 4V-5S	A x 1 / B x 1 / C x 4	DDMX 70-175	7ACEL1812
PACK WZ 5V	A x 1 / B x 1 / C x 5	DDMX 70-175	7ACEL1813
PACK WZ 5V-6S	A x 1 / B x 1 / C x 5	DDMX 70-175	7ACEL1904
PACK WZ 6V	A x 1 / B x 1 / C x 6	DDMX 70-175	7ACEL1814
Don't forget the supply/return plenum in the composition of your Pack:			
PLENUM 3S	Supply/return plenum	DDMX 35-50	7ACEL1822
PLENUM 4S	Supply/return plenum	DDMX 35-50	7ACEL1823
PLENUM 6S	Supply/return plenum	DDMX 70-175	7ACEL1824





VENTILATION

Range

MODEL

p.120

JDAA Airflow



*Thermodynamic
dual-flow CMV*

FLUID

SYSTEM

FUNCTION

R32

Monoblock

Ventilation

+ PRODUCT

- Remote control included
- Excellent COP
- No refrigerant handling
- Operates using 100% fresh air
- Compact unit

Connectivity



AirHome With LCAC Wi-Fi module in optional

User functions



PROGRAMMABLE
TIMER



WEEKLY TIMER



UNIT ON/OFF
OUTPUT



REMOTE CONTROL
LOCK

JDAA Airflow

Thermodynamic dual-flow CMV

FLUID
R32



Remote control included



+ “SUSTAINABLE DEVELOPMENT”

- High-performance product with COP > 7.

+ “USER”

- Allows you to renew the air in the home by heating or cooling fresh air, thanks to a thermodynamic system.
- Operates using 100% filtered fresh air.

+ “INSTALLER”

- Simple to install, thanks to its monoblock system.
- This unit is suitable for any type of home.

+ “TECHNOLOGY”

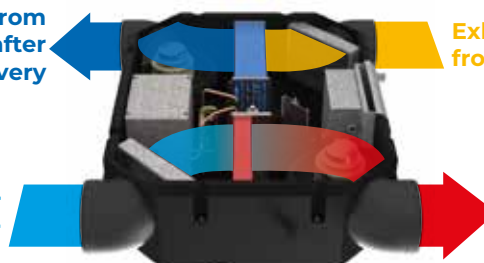
- Monoblock system.
- Inverter technology.

Exhaust air from
the house after
energy recovery

Exhaust air
from the house

100% fresh air
from Outdoor

Purified and
conditioning
fresh air



TECHNICAL DATA

MODEL			JDAA-022R-09M25				
Part number			7MB110001				
Phase			Single-phase				
Airflow	m³/h		125	150	210	270	320

HEATING

Outdoor air +7 °C Air supply 20 °C	Heating capacity	kW	1.42	1.55	1.86	2.05	2.49
	Power input	kW	0.46	0.42	0.45	0.42	0.54
	COP		3.09	3.69	4.13	4.93	4.61
Outdoor air -5 °C Air supply 20 °C	Heating capacity	kW	1.97	2.10	2.21	2.37	2.45
	Power input	kW	0.40	0.52	0.47	0.37	0.32
	COP		4.93	4.04	4.70	6.50	7.66

COOLING

Outdoor air 35 °C Air supply 27 °C	Cooling capacity	kW	1.57	1.64	1.73	1.92	2.07
	Power input	kW	0.36	0.52	0.53	0.55	0.81
	EER		4.34	3.15	3.26	3.50	2.56
Outdoor air 30 °C Air supply 27 °C	Cooling capacity	kW	0.92	1.38	1.47	1.72	2.07
	Power input	kW	0.36	0.52	0.48	0.54	0.81
	EER		2.56	2.65	3.06	3.21	2.77

PERFORMANCE

Static pressure	Nominal	Pa	50	50	50	50	50
	Max.	Pa	120	120	120	120	120
Sound power level		dB(A)	47	48	50	54	58
Sound pressure level (l)		dB(A)	34	35	37	41	45

OPERATING LIMITS

Outdoor air temperature	Cooling	°C	16/45				
	Heating	°C	-15/28				

POWER SUPPLY

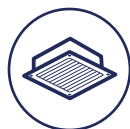
Phase/Voltage/Frequency		1P/230V/50Hz					
Power cable section	mm²	3G1.5					
Fuse rating am	A	10					

INSTALLATION AND OTHERS

Refrigerant/GWP		R32/675					
Charge	kg	0.30					
Outline dimensions (WxHxD)	mm	1107x290x900					
Package dimensions (WxHxD)	mm	1200x320x100					
Net weight/Gross weight	kg	44/73					

(l) The sound levels refer to the unit at full load, under rated test conditions.





CASSETTE

Range



MODEL

p.124

CDMX



360° cassette

FLUID	7	9	12	18	24	36	48	kBTU/h
	2	2.5	3.5	5	7	10	14	kW

R32

✓	✓	✓	✓	✓	✓	✓
60 x 60 cm				90 x 90 cm		

+ PRODUCT

- RC18 remote control included (see p.146)
- Compact design
- 360° airflow
- Compatible with YDZC and ZDAA multisplits

Connectivity



With LCAC Wi-Fi module in optional

Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



MULTIFLOW 360°



GOLDEN FIN TREATMENT

Air quality



ANTIBACTERIAL FILTER



FRESH AIR SUPPLY

User functions



I FEEL



NIGHT MODE



TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



TEMPERATURE LOCK



MODE LOCK

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



BUILT-IN CONDENSATE PUMP



ALARM OUTPUT



DRY CONTACT ON/OFF



HEATING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP programme for ACI. Check ongoing validity of certificate:

www.eurovent-certification.com



- Models marked * are not Eurovent certified

CDMX

360° cassette



COOLING
A++



HEATING
A+



FLUID
R32

RC18
included



CDMX 022N-025N-035N-050N



CDMX 070N-100N-140N

+ “SUSTAINABLE DEVELOPMENT”

- Energy label A++ in cooling mode and A+ in heating mode guaranteeing energy savings.

+ “USER”

- Design with a front panel that fits perfectly into false ceiling.
- 360° air distribution in the room for a uniform temperature.

+ “INSTALLER”

- Compact size ideal for low ceiling installations.
- Parameter display on the indoor unit for quick reading.
- Unit with pre-drilled holes for fresh air supply or blowing into a small room.
- Maximum piping length up to 75 m adapted to complex and remote installation.

+ “TECHNOLOGY”

- On/Off contact included associated with a “room card” or other solution (not supplied) for better control and for energy savings.
- Alarm contact (synthesis fault) included.
- Room sensor built into the remote control for better comfort (“I Feel” mode by pressing the Turbo button on the remote control for 7 s).
- Condensate pump included for automatic discharge.
- Electronic expansion valve for better operating precision.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
- Wide operating range of -15° to 50°C in cooling mode and -15° to 24°C in heating mode.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW11 (see p.150)	7ACEL1774		• Weekly timer, mode, fan speed, On/Off timer, “I Feel” function, temperature.
Wired remote control RCW26 (see p.152) Order of the 7ACEL1776 interface required by indoor unit.	7ACEL1876		• Controls until 16 indoor units.
LCAC Wi-Fi accessory	7ACEL1883		• Accessory for remote control via Wi-Fi. (compatible with CDMX-022N,025N,035N and 050N).
	7ACEL1900		• Accessory for remote control via Wi-Fi. (compatible with CDMX-070N-100N-140N).

TECHNICAL DATA

MULTISPLIT
CONFIGURATION ONLY

INDOOR UNIT		CDMX-022N-09M25	CDMX-025N-09M25	CDMX-035N-09M25	CDMX-050N-09M25	CDMX-070N-09M25	CDMX-100N-09M25	CDMX-100N-09M25	CDMX-140N-09M25*
Part number		7SP042289	7SP042290	7SP042291	7SP042292	7SP042293	7SP042294	7SP042294	7SP042295
Phase		Single-phase	Single-phase	Single-phase	Single-phase	Single-phase	Single-phase	Three-phase	Three-phase
COOLING									
Rated power (min./max.)	kW	2.05 (0.63~2.61)	2.60 (0.8~3.3)	3.52 (0.85~4.11)	5.28 (2.90~5.59)	7.03 (3.30~7.91)	10.55 (2.70~11.43)	10.55 (2.70~11.43)	14.07 (3.52~15.83)
Pdesign _{nc}	kW			3.50	5.30	7.00	10.50	10.50	14.00
Rated power input / EER	kW			1.04/3.35	1.63/3.24	2.43/2.88	3.95/2.65	3.96/2.65	4.65/3.02
SEER/Energy label				6.6/A++	6.3/A++	6.2/A++	6.7/A++	6.3/A++	6.1/A++
Operating limits	°C								-15°~50°C Dry bulb

HEATING									
Rated power (min./max.)	kW	2.35 (0.69~3.0)	2.90 (0.85~3.7)	4.10 (0.47~4.31)	5.57 (2.37~6.10)	7.40 (2.81~8.94)	11.14 (2.78~12.30)	11.14 (2.78~12.66)	16.12 (4.10~17.29)
Pdesign _{nh} (average climate)	kW			2.70	4.20	6.00	8.50	8.00	11.00
Pdesign _{nh} (warmer climate)	kW			3.30	5.40	6.30	10.10	10.10	12.00
Rated power input / COP	kW			1.10/3.73	1.58/3.48	1.80/4.10	2.96/3.72	2.96/3.72	4.58/3.52
SCOP/Energy label (average climate)				4.1/A+	4.0/A+	4.0/A+	4.0/A+	3.9/A	4.0/A+
SCOP/Energy label (warmer climate)				5.1/A+++	4.8/A++	5.1/A+++	5.1/A+++	5.1/A+++	5.0/A++
Operating limits	°C								-15°~24°C Dry bulb
Power at -7°C	kW			2.95	4.10	5.97	9.13	8.91	12.50
Power at -10°C	kW			2.82	3.91	5.70	8.71	8.50	11.93
Power at -15°C	kW			2.64	3.67	5.34	8.16	7.96	11.17

INDOOR UNIT									
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	29/33/38	31/34/39	34/37/42	39/44/45	42/47/50	46/48/51	46/48/51	48/50/52
Sound level	dB(A)	53	54	57	59	59	64	64	66
Airflow (LS/MS/HS)	m³/h	400/460/500	400/460/500	420/510/590	479/584/680	992/1118/1247	1300/1530/1700	1300/1530/1700	1600/1750/1900
Dehumidification	l/h	0.7	1.20	1.50	2.00	3.00	3.80	3.80	5.50
Outline dimensions (WxHxD)	mm	570x260x570	570x260x570	570x260x570	570x260x570	830x205x830	830x245x830	830x245x830	830x287x830
Package dimensions (WxHxD)	mm	662x317x662	662x317x662	662x317x662	662x317x662	910x250x910	910x290x910	910x290x910	910x330x910
Net weight/Gross weight	kg	14.5/17.3	14.5/18.8	16.3/20.4	16/22.1	21.6/25.4	27.2/31.2	27.2/31.2	29.3/33.5

PANEL									
Panel dimensions (LxHxP)	mm	647x50x647	647x50x647	647x50x647	647x50x647	950x55x950	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	715x123x715	715x123x715	715x123x715	715x123x715	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5	6/9	6/9	6/9	6/9
Panel part number		7ACVF0566	7ACVF0566	7ACVF0566	7ACVF0566	7ACVF0600	7ACVF0600	7ACVF0600	7ACVF0600

OUTDOOR UNIT		-	-	YDAX-035H-09M25	YDAX-050H-09M25	YDAX-070H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-140H-09T35
Part number		-	-	7SP063170	7SP063171	7SP063172	7SP063173	7SP063174	7SP063175
Sound pressure level at 1 m	dB(A)			51	54	58	59	59	63
Sound level	dB(A)			62	65	69	70	70	74
Airflow	m³/h			2200	2100	3500	4000	4000	7500
Compressor type				Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm			765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	952x1333x415
Package dimensions (WxHxD)	mm			887x610x337	915x615x370	995x740x398	1090x885x500	1090x885x500	1095x1480x495
Net weight/Gross weight	kg			26.6/29	32.5/35.3	43.9/46.7	66.9/72.1	75.5/85.6	103.7/118.3

POWER SUPPLY									
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side				Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²			3G1.5	3G1.5	3G2.5	3G4.0	5G2.5	5G2.5
Fuse rating am	A			16	16	20	25	16	16
Electrical connections in/out	mm²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5

PIPE LINE									
Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
Max. length	m			25	30	50	75	75	75
Max. height	m			10	20	25	30	30	30
Refrigerant/GWP				R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg			0.72	1.15	1.50	2.40	2.40	2.90
Additional charge	g/m			12	12	24	24	24	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT			
CASSETTE	MONOSPLIT	MULTISPLIT		
 CDMX 022N & 025N		 ZDAA	 YDZC	
 CDMX 035N-050N-070N	 YDAX	 ZDAA	 YDZC	

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
CASSETTE	MONOSPLIT	
 CDMX 100N	 YDAX	
 CDMX 140N	 YDAX	





MONOBLOCK

Range

MODELS

			FLUID	10 2.9	12 3.5	kBTU/h kW
p.128	XDAW		<i>Monoblock console - Built-in Wi-Fi Solution without outdoor unit</i>	R32	✓	
p.129	WFAE		<i>Window Prefabricated buildings solution</i>	R32	✓	✓
p.130	MFH		<i>Portable - Cooling only</i>	R290	✓	✓

+ PRODUCT

- XDAW RC remote control included
- Monoblock solution
- Reversible product (cooling/heating)
- No outdoor unit
- No fluid handling

Connectivity



No outdoor unit



XDAW

Monoblock console



COOLING



HEATING



FLUID

R32



XDAW RC included

+ "SUSTAINABLE DEVELOPMENT"

- Environment friendly R32 refrigerant, low energy consumption.

+ "USER"

- Ideal for modular constructions.

+ "INSTALLER"

- Ease of installation.
- Plug & Play.

+ "TECHNOLOGY"

- Inverter technology.
- Monoblock (no outdoor unit).

TECHNICAL DATA

INDOOR UNIT		XDAW-023R-09M25
Part number		7MB070003
Phase		Single-phase
COOLING		
Rated power	kW	2.35 (1.5~3.0)
Rated power input	kW	0.90
EER/Energy label		2.61/A
Operating limits	°C	-10°~43°C Dry bulb
HEATING		
Rated power	kW	2.36 (1.0~2.8)
Rated power input	kW	0.76
COP/Energy label		3.11/A
Operating limits	°C	-15°~24°C Dry bulb
INDOOR UNIT		
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	29/46/48
Sound level	dB(A)	56
Airflow	m³/h	480
Dehumidification	l/h	0.04
Outline dimensions (WxHxD)	mm	965x615x200
Package dimensions (WxHxD)	mm	1030x765x280
Net weight/Gross weight	kg	39/41
POWER SUPPLY		
Phase/Voltage/Frequency		1P/220-240V/50Hz
Power cable section	mm²	3x2.5
Fuse rating am	A	16
PIPE LINE		
Refrigerant/GWP		R32/675
Charge	kg	0.39

See technical draws p.180

WFAE Window

COOLING
AFLUID
R32WFAE RC
included

+ “SUSTAINABLE DEVELOPMENT”

- Environment friendly R32 refrigerant, low energy consumption.

+ “USER”

- Ideal for modular constructions.

+ “INSTALLER”

- Ease of installation.

+ “TECHNOLOGY”

- Inverter technology.

TECHNICAL DATA

INDOOR UNIT			WFAE-025C-09M25	WFAE-035C-09M25
Part number			7MB050001	7MB050002
Phase			Single-phase	Single-phase
COOLING				
Rated power	kW		2.75	3.70
Pdesignc	kW		2.75	3.70
Rated power input	kW		0.81	1.09
SEER/Energy label			5.10/A	5.10/A
Operating limits	°C	18°/43° Dry bulb		
INDOOR UNIT				
Sound pressure level at 1 m (LS/MS/HS)	dB(A)		45/47/49	45/47/49
Airflow (LS/MS/HS)	m³/h		310/350/380	400/450/490
Dehumidification	l/h		1.00	1.20
Compressor type			Rotary	Rotary
Outline dimensions (WxHxD)	mm		560x375x710	660x428x700
Package dimensions (WxHxD)	mm		623x425x806	739x515x793
Net weight/Gross weight	kg		34/36.7	46/50
POWER SUPPLY				
Phase/Voltage/Frequency			1P/230V/50Hz	1P/230V/50Hz
Power supply side			Indoor	Indoor
Power cable section	mm²		3x1.0	3x1.5
Fuse rating am (courbe D)	A		10	10
PIPE LINE				
Refrigerant/GWP			R32/675	R32/675
Charge	kg		0.51	0.63

See technical draws p.181

+ PRODUCT

- WFAE RC remote control included
- Monoblock solution
- No fluid handling

User functions



NIGHT MODE

AUTO RESTART
(MEMORY)

AUTO-DIAGNOSTIC

Installer functions

Icon guide p.200

+ PRODUCT

- RC08C remote control included (see p.142)
- Monoblock solution
- No fluid handling

Air quality

ANTIBACTERIAL
FILTER

AUTO CLEAN/DRY

User functions



I FEEL



NIGHT MODE

PROGRAMMABLE
TIMERAUTO RESTART
(MEMORY)REMOTE CONTROL
LOCK

Installer functions



AUTO-DIAGNOSTIC

MFH

Mobile

COOLING
A+FLUID
R290RC08C
included**+ “SUSTAINABLE DEVELOPMENT”**

- Environment friendly R290 refrigerant.

+ “TECHNOLOGY”

- Caulking kit included.
- Condensate evacuation by evaporation.

+ “USER”

- Easy to move thanks to its castors and handles.
- Easy reading thanks to its digital display on the control panel.
- Remotely controllable with the RC unit.
- High comfort thanks to its cooling capacity.

TECHNICAL DATA

INDOOR UNIT		AW-MFH010-C41	AW-MFH012-C41
Part number		7MB021060	7MB021061
Phase		Single-phase	Single-phase
COOLING			
Rated power	kW	2.93	3.52
Rated power input	kW	0.94	1.35
Courant	A	4.50	5.90
EER/Energy label		3.10/A+	2.60/A
Operating limits	°C	17°/35° Dry bulb	
INDOOR UNIT			
Type		Monoblock	Monoblock
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	50/51/52	50/51/52
Sound level	dB(A)	62	63
Airflow (LS/MS/HS)	m³/h	355/370/420	355/370/420
Diameter flexible emission duct	mm	150	
Length range of heat emission duct	m	0.50 - 1.50	
Dehumidification	l/h	1.60	1.80
Outline dimensions (WxHxD)	mm	467x765x397	467x765x397
Package dimensions (WxHxD)	mm	515x890x440	515x890x440
Net weight/Gross weight	kg	31.8/35.7	33/36.5
POWER SUPPLY			
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz
PIPE LINE			
Refrigerant/GWP		R290/3	R290/3
Charge	kg	0.21	0.22





WATER-COOLED

Range

MODELS

			FLUID	5 2	9 2.5	12 3.5	17 4.1	21 4.5	31 8	51 10	71 17	101 25	kBTU/h kW
p.134	XDOW		Water-cooled console Reversible monoblock	R410A	✓	✓							
p.136	DFMO		Water-loop heat pump Ideal for stores	R410A	✓	✓	✓	✓	✓	✓	✓	✓	

+ PRODUCT

- Solution without outdoor unit
- Monoblock
- Simple design
- Quiet (25 dB)



Optimal comfort:
reversible solution

Air quality

ANTIBACTERIAL
FILTER

AUTO CLEAN/DRY

User functions



I FEEL



NIGHT MODE

PROGRAMMABLE
TIMERAUTO RESTART
(MEMORY)REMOTE CONTROL
LOCK

Installer functions



AUTO-DIAGNOSTIC

XDOW

Water-cooled console

COOLING
A++HEATING
A++FLUID
R410A

+ “SUSTAINABLE DEVELOPMENT”

- Reduced water consumption thanks to the built-in modulating valve.

+ “USER”

- Compact.
- Quiet.
- Ideal solution for historic buildings (monoblock).

+ “INSTALLER”

- Plug & Play: hydraulic connection only.

+ “TECHNOLOGY”

- Compatible with water-loop.

TECHNICAL DATA

INDOOR UNIT			XDOW-025R-01M25	XDOW-035R-01M25
Part number			7MB070001	7MB070002
Phase			Single-phase	Single-phase
COOLING				
Rated power (1)		kW	2.50	3.50
Pdesignc		kW	2.30	3.20
Rated power input		kW	0.38	0.76
EER/Energy label			4.08/A++	4.05/A++
Operating limits		°C	18°/35°	
Maximum water temperature		°C	40°C	
HEATING				
Rated power (2)		kW	2.70	3.80
Pdesignh		kW	2.50	3.40
Rated power input		kW	0.71	1.09
COP/Energy label			4.33/A++	4.31/A++
Operating limits		°C	5°/27°	
Minimum water temperature		°C	7°C	
INDOOR UNIT				
Sound pressure level at 2 m		dB(A)	25	27
Sound level (LS/MS/HS)		dB(A)	41/46/52	43/48/54
Airflow (LS/MS/HS)		m³/h	250/310/385	310/410/435
Recycled water flow		l/h	430	600
Wastewater flow (15°C)		l/h	107	150
Dehumidification		l/h	1.10	1.30
Compressor type			Rotary DCI	Rotary DCI
Outline dimensions (WxHxD)		mm	1030x555x165	1030x555x165
Package dimensions (WxHxD)		mm	1100x660x260	1100x660x260
Net weight/Gross weight		kg	48.5/50.5	49.5/51.5
POWER SUPPLY				
Phase/Voltage/Frequency			1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side			Indoor	Indoor
Power cable section		mm²	3x1.5	3x1.5
Fuse rating am (courbe D)		A	6	6
PIPE LINE				
Refrigerant/GWP			R410A/2088	R410A/2088
Charge		kg	0.65	0.65

(1) Conditions: Dry bulb 27°C - Wet bulb 19°C - Water at 30°C ΔT 5K.

(2) Conditions: Dry bulb 20°C - Wet bulb 15°C - Water at 15°C ΔT 5K.

+ PRODUCT

- Remote control included (see p.156)
- Solution without outdoor unit
- Monoblock
- Compact design
- Wide power range
- Thermostat included (ref. 7ACEL1880)

Technology



DFMO 22 TO 41

Water-loop heat pump



Remote control included

+ “SUSTAINABLE DEVELOPMENT”

- High efficiency.

+ “USER”

- Fire classification: M0 (ERP compatible).

+ “INSTALLER”

- Alarm output for fault reporting.

+ “TECHNOLOGY”

- Built-in temperature sensors for optimized consumption.

TECHNICAL DATA

INDOOR UNIT		DFMO-022N-01M25	DFMO-031N-01M25	DFMO-041N-01M25
Part number		7MB030001	7MB030002	7MB030003
Phase		Single-phase	Single-phase	Single-phase
COOLING				
Rated power (1)	kW	2.26	3.16	4.16
Rated sensitive power	kW	1.91	2.75	3.50
Total power input	kW	0.54	0.74	0.92
EER		4.22	4.28	4.51
HEATING - AIR TO 20 °C - WATER TO 20 °C				
Rated power (2)	kW	2.76	3.85	4.92
Total power input	kW	0.55	0.77	1.06
COP		4.99	4.97	4.66
HEATING - AIR TO 20 °C - WATER TO 15 °C				
Rated power (3)	kW	2.46	3.33	4.42
Total power input	kW	0.55	0.73	1.02
COP		4.42	4.47	4.30
INDOOR UNIT				
Sound pressure level at 1 m	dB(A)	33	34	35
Number of compressors	nb	1	1	1
Compressor type			Rotary	
Airflow	m³/h	533	612	800
Fan type			Centrifuge	
Number of fans	nb	1	1	1
External static pressure	Pa	40 (0-80)	40 (0-80)	40 (0-80)
Water inlet flow (4)	l/s	0.13	0.18	0.24
Outline dimensions (WxHxD)	mm	1034x361x513	1034x361x513	1034x386x513
Net weight/Gross weight	kg	71/81	74/84	82/92
POWER SUPPLY				
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz
ERP DATA (5)				
SEER		3.75	3.90	4.18
SCOP		3.41	3.63	4.05
PIPE LINE				
Refrigerant/GWP		R410A/2088	R410A/2088	R410A/2088
Charge	kg	0.47	0.64	1.30

(1) Ambient air at 27°C DB/19°C WB. Exchanger water inlet/outlet temperature 30°C/35°C.

(2) Ambient air at 20°C DB. Exchanger water inlet temperature 20°C. The exchanger water outlet temperature is obtained as a function of the cooling water flow rate.

(3) Ambient air at 20°C DB. Exchanger water inlet temperature 15°C. The exchanger water outlet temperature is obtained as a function of the cooling water flow rate.

(4) Water flow rate calculated based on the cooling performance.

(5) Data calculated according to EN14825: 2016.

OPTIONS**ACCESSORY****PART NUMBER**

Modbus DFMO 22 to 41

7ACEL1881

Modulating valve DFMO 22 to 41

7ACFH0850

DFMO 45 TO 250

Water-loop heat pump

FLUID
R410A



Remote control included

+ "SUSTAINABLE DEVELOPMENT"

- High efficiency.

+ "USER"

- Fire classification: M0 (ERP compatible).

+ "INSTALLER"

- Alarm output for fault reporting.

+ "TECHNOLOGY"

- Built-in temperature sensors for optimized consumption.

TECHNICAL DATA

INDOOR UNIT		DFMO-045N-01M25	DFMO-080N-01M25	DFMO-100N-01M25	DFMO-170N-01T35	DFMO-250N-01M25
Part number		7MB030004	7MB030005	7MB030006	7MB030007	7MB030008
Phase		Single-phase	Single-phase	Single-phase	Three-phase	Three-phase
COOLING						
Rated power	kW	4.56	8.08	10.60	16.90	25.00
Rated sensitive power	kW	3.74	6.44	8.84	13.90	20.00
Total power input	kW	1.30	2.07	3.04	4.15	5.85
EER		3.52	3.90	3.53	4.07	4.27
HEATING						
Rated power	kW	7.55	10.30	14.40	23.10	33.20
Total power input	kW	1.75	2.39	3.35	5.23	7.21
COP		4.30	4.31	4.30	4.41	4.60
INDOOR UNIT						
Sound pressure level at 1m (3)	dB(A)	42	42	44	45	45
Number of compressors	nb	1	1	1	1	1
Compressor type		Rotary	Rotary	Rotary	Scroll	Scroll
Airflow	m³/h	1000	1500	2800	3800	4900
Fan type		Centrifuge				
Number of fans	nb	1	1	1	1	1
External static pressure (4)	Pa	250	270	290	310	220
Water inlet flow	l/s	0.27	0.47	0.64	1.00	1.47
Outline dimensions (WxHxD)	mm	962x490x692	962x490x692	1167x590x802	1167x590x802	1467x705x927
Net weight/Gross weight	kg	98/102	103/107	138/143	151/156	200/225
POWER SUPPLY						
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	3P/400V/50Hz/N	3P/400V/50Hz/N
ERP DATA (5)						
SEER		3.28	3.93	3.57	4.23	4.47
SCOP		3.81	3.82	3.81	3.91	4.08
PIPE LINE						
Refrigerant/GWP		R410A/2088				
Charge	kg	0.70	0.95	1.10	1.30	3.20

OPTIONS

ACCESSORY	PART NUMBER
Modulating valve DFMO 45-80	7ACFH0851
Modulating valve DFMO 100-170	7ACFH0853
Modulating valve DFMO 250	7ACFH0852

See technical draws p.184

+ PRODUCT

- Remote control included (see p.156)
- Solution without outdoor unit
- Monoblock
- Compact design
- Wide power range
- Thermostat included (ref. 7ACEL1880)

- (1) Ambient air at 27°C DB/19°C WB. Exchanger water inlet/outlet temperature 30°C/35°C.
 (2) Ambient air at 20°C DB. Exchanger water inlet temperature 20°C. The exchanger water outlet temperature is obtained as a function of the cooling water flow rate.
 (3) Ambient air at 20°C DB. Exchanger water inlet temperature 15°C. The exchanger water outlet temperature is obtained as a function of the cooling water flow rate.
 (4) Water flow rate calculated based on the cooling performance.
 (5) Data calculated according to EN14825: 2016.





CONTROL SYSTEMS

MODELS

		WIRELESS CONTROLLER	WIRED REMOTE CONTROL
p.140	Compatibility tables		
p.141	Function tables		
p.142	 RC08C	✓	
p.144	 RC08A	✓	
p.146	 RC18	✓	
p.148	 RC19	✓	
p.150	 RCW11		✓
p.152	 RCW26		✓
p.154	 RCW27		✓
p.156	 Remote control for DFMO		✓

Compatibility tables

MODEL	WIRELESS CONTROLLER				WIRED REMOTE CONTROL						
REFERENCE	RC08C	RC08A	RC18	RC19	RCW11	RCW22	RCW25	RCW26	RCW27	BMS gateway	Remote control for DFMO
Part number	7ACEL1740	7ACEL1791	7ACEL1898	7ACEL1899	7ACEL1774	7ACEL1778	7ACEL1832	7ACEL1876	7ACEL1874	7ACEL1708	-
Picture											
HIGH WALL											
HDHC Artica			✓								
HDMB Harmonia				✓		✓					
HDLE Aura		✓							✓		
CONSOLE, FLOOR CEILING & FLOOR STANDING											
XDLF		✓							✓		
FDMX			✓		✓			✓		✓	
FDLK							✓				
SDMX				✓							
DUCTED											
DDMX			✓		✓			✓		✓	
CASSETTE											
CDMX			✓		✓			✓		✓	
MONOBLOCK											
MFH	✓										
WATER-COOLED											
DFMO											✓

✓ Standard remote control

✓ Optional remote control

Function tables

MODEL	WIRELESS CONTROLLER				WIRED REMOTE CONTROL			
REFERENCE	RC08C	RC08A	RC18	RC19	RCW11	RCW25	RCW26	RCW27
Part number	7ACEL1740	7ACEL1791	7ACEL1898	7ACEL1899	7ACEL1774	7ACEL1832	7ACEL1876	7ACEL1874
Picture								
USER FUNCTIONS								
On/Off timer	✓	✓	✓	✓	✓	✓	✓	✓
Weekly timer					✓		✓	✓
Silent mode/low speed fan	✓	✓	✓	✓	✓	✓	✓	
"I Feel" function	✓	✓	✓	✓	✓		✓	✓
Clean-up function	✓	✓	✓	✓				
Night mode (economy mode)	✓	✓	✓	✓				✓
Remote locking	✓	✓	✓	✓	✓	✓	✓	✓
Turbo mode	✓	✓	✓	✓			✓	✓
Low battery	✓	✓	✓	✓	✓			
No frost mode	✓	✓	✓	✓				✓
INSTALLER FUNCTIONS								
Technician test mode	✓	✓	✓	✓				
Group control							✓	
Compensation temperature	✓	✓	✓	✓		✓		
Heating mode only	✓	✓	✓	✓				
Priority mode definition (multisplit)	✓	✓						
Parameter display function (temperature, expansion valve opening, compressor...)	✓		✓	✓				
Operating fault display					✓	✓	✓	✓

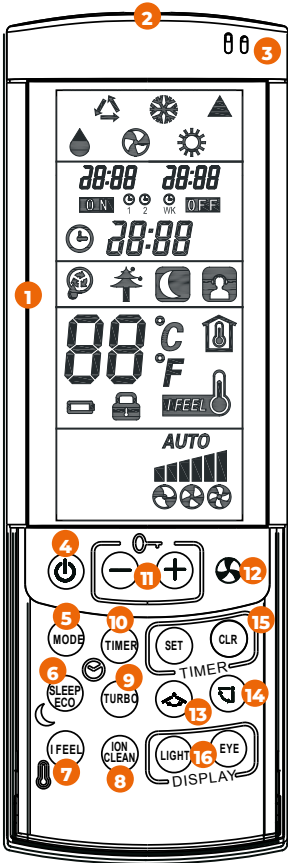
COMPATIBLE PRODUCTS

→ MFH

Ref. 7ACEL1740



RC08C



1 DISPLAY

Information is displayed when the remote control is on.	
Operating mode	Automatic
	Heating
	Cooling
	Ventilation only
	Dehumidify (drying mode)
	Send data to the air conditioner receiver
	Clock (hours and minutes)
	"Time On" function configured and activated
	"Time Off" function configured and activated
	Programming repeat function
	Sleep operating mode
	QUIET MODE
	CLEANING MODE
	IONIZER /E.S.F. MODE
	Selects or indicates the room temperature
Description of low battery detection	Displayed when the temperature reached is the room setpoint
	"I Feel" mode
Fan speed indication	The low-battery indicator on the remote control will continue to blink when the batteries are low, This may reduce the transmission distance of the remote control, and blur the display. Replace with new batteries immediately. The low-battery indicator will disappear after the batteries have been replaced.
	Low speed
	Medium speed
	High speed
	Fan auto speed

2 TRANSMITTER

When you press the buttons of the remote control unit, the ▲ symbol appears on the display **to transmit the setting changes to the air conditioner receiver.**

3 SENSOR

The air temperature sensor inside the remote control unit **measures the room temperature.**

4 ON/OFF BUTTON

This button **turns the air conditioner ON and OFF.**

5 MODE SELECTOR BUTTON

Press this button to change the mode.



Automatic. When this mode is selected, the air conditioner calculates the difference between the thermostat setting and the room temperature and automatically switches to "cooling" or "heating" mode.



Heating. The air conditioner heats the ambient air.



Cooling. The air conditioner cools the room.



Ventilation only. The air conditioner circulates the air.



Dehumidify (dry mode). The air conditioner reduces the humidity of the air in the room.



Cool / Dry / Heat

6 SLEEP/ECO BUTTON

This button has 2 functions:

- **SLEEP function** (short press)
- **ECONOMY function** (long press)

For more details, refer to "SLEEP mode function" and "ECONOMY mode function".

7 "I FEEL" BUTTON FOR ROOM TEMPERATURE DETECTION AND DISPLAY

Activates **temperature detection** in the vicinity of the remote control. This function is available in AUTO, COOL and HEAT mode.

8 ION/CLEAN BUTTON

This button has 2 functions:

- **The ION function** (ionizer): short press
- **The CLEAN function:** long press

For more details, refer to "ionizer mode function (OPTIONAL)" and "CLEAN mode function".

9 TURBO BUTTON

Activates the **TURBO function** to speed up heating or cooling.

10 TIMER BUTTON (PROGRAMMING)

Activates/deactivates **PROGRAMMING.**

For more details, refer to "SETTING THE TIMER".

11 TEMPERATURE SETTING BUTTONS

- (cooler). Reduce the set temperature.

+ (warmer). Increase the set temperature.

Press the "-" and "+" buttons simultaneously to lock or unlock the keypad.

12 FAN SPEED SELECTOR BUTTON

Press this button to change the mode.



Low speed



Medium speed



High speed



The fan speed is selected automatically.

Press this button for at least 2 seconds to activate Silent mode.

13 HORIZONTAL SWING BUTTON

If the air conditioner has a horizontal sweep motor, press the button to activate **automatic horizontal air sweeping.**

14 VERTICAL SWING BUTTON

Activates **automatic vertical air sweep swing.**

For more details, refer to "ADJUSTING THE AIRFLOW DIRECTION".

15 SET/CLEAR BUTTONS

- **SET button.** Selects the following functions: setting the time/setting the programming ON/OFF.

For details, refer to "SETTING THE CURRENT TIME" and "SETTING THE TIMER".

- **CLEAR button.** Press the CLEAR button to cancel all programming operations.

16 LIGHT/EYE BUTTONS

- **LIGHT button.** Press this button to turn the indoor unit display ON/OFF. Turns beep ON/OFF.

- **EYE button (optional).** Detects human presence in the room and activates start or standby mode.

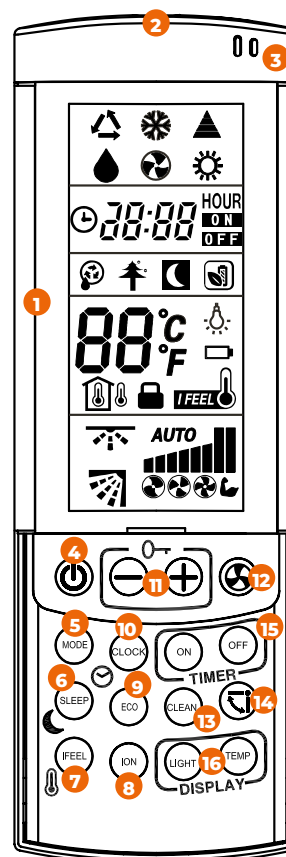
COMPATIBLE PRODUCTS

- HDLE Aura
- XDLF

Ref. 7ACEL1791



RC08A



1 DISPLAY

Information is displayed when the remote control is on.

Operating mode

Description of low battery detection

Fan speed indication

	Automatique
	Heating
	Cooling
	Airflow only
	Dehumidification (drying mode)
	Send data to the air conditioner receiver
	Clock (hours and minutes)
	"Time On" function configured and activated
	"Time Off" function configured and activated
	Cleaning mode
	Sleep operating mode
	Ionizer /E.S.F. mode
	Eco mode
	Selects or indicates the room temperature
	Displayed when the temperature reached is the room setpoint
	"I Feel" mode
	Automatic horizontal airflow swing is on (for the selected mode only)
	L'oscillation du volet d'power supply automatique en air est en marche
	The low-battery indicator on the remote control will continue to blink when the batteries are low, This may reduce the transmission distance of the remote control, and blur the display. Replace with new batteries immediately. The low-battery indicator will disappear after the batteries have been replaced.
	Low speed
	Medium speed
	High speed
	Fan auto speed
	Turbo function

2 TRANSMITTER

When you press the buttons of the remote control unit, the ▲ symbol appears on the display **to transmit the setting changes to the air conditioner receiver.**

3 SENSOR

The air temperature sensor inside the remote control unit **measures the room temperature.**

4 ON/OFF BUTTON

This button **turns the air conditioner ON and OFF.**

5 MODE SELECTOR BUTTON

Press this button to change the mode.



Automatic. When this mode is selected, the air conditioner calculates the difference between the thermostat setting and the room temperature and automatically switches to "cooling" or "heating" mode.



Heating. The air conditioner heats the ambient air.



Cooling. The air conditioner cools the room.



Ventilation only. The air conditioner circulates the air.



Dehumidify (dry mode). The air conditioner reduces the humidity of the air in the room.



Cool / Dry / Heat

6 SLEEP/ECO BUTTON

This button has 2 functions:

- **SLEEP function** (short press)
- **ECONOMY function** (long press)

For more details, refer to "SLEEP mode function" and "ECONOMY mode function".

7 "I FEEL" BUTTON FOR ROOM TEMPERATURE DETECTION AND DISPLAY

Activates **temperature detection** in the vicinity of the remote control. This function is available in AUTO, COOL and HEAT mode.

8 ION/CLEAN BUTTON

This button has 2 functions:

- **The ION function** (ionizer): short press
- **The CLEAN function:** long press

For more details, refer to "Ionizer mode function (OPTIONAL)" and "CLEAN mode function".

9 ECO BUTTON

- **Cooling.** Automatically adjust the temperature for energy savings. The temperature display will show "SE".
- **Heating.** Select heating level 8. The remote control screen displays the temperature "8 C".

10 CLOCK BUTTON

The clock displays the **current time.**
For more details refer to the section "How to set the current time".

11 TEMPERATURE SETTING BUTTONS

– (**cooler**). Reduce the set temperature.
+ (**warmer**). Increase the set temperature.
Press the "–" and "+" buttons simultaneously to lock or unlock the keypad.

12 FAN SPEED SELECTOR BUTTON

Press this button to change the mode.



Low speed



Medium speed



High speed



Turbo function



The fan speed is selected automatically.

13 CLEAN BUTTON

This button deactivates **the cleaning function** in Cooling and Dehumidification modes.

14 BOUTON D'OSCILLATION

Activates **the air supply louver swing** in various positions or automatic swing.
For more details refer to the section "Setting the airflow direction".

15 TIMER BUTTONS (ON/OFF)

- Press the ON or OFF button **to activate the setting procedure.**
- For more details refer to the section "Setting the timer".

16 LIGHT/TEMP BUTTONS

- **LIGHT button.** Enables or disables the remote control display.
- **TEMP button.** Displays the configured temperature, room temperature or outdoor temperature.

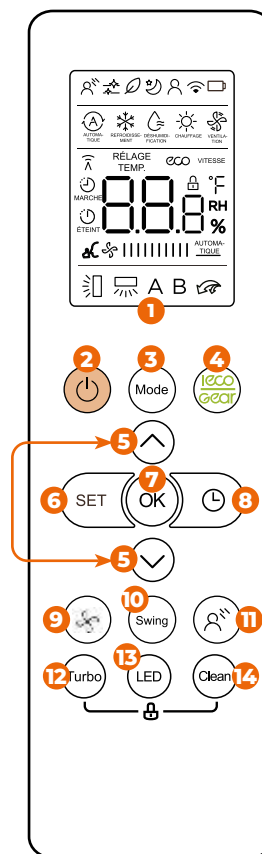
COMPATIBLE PRODUCTS

- HDHC Artica
- FDMX
- DDMX (optional)
- CDMX

Ref. 7ACEL1898



RC18



1 DISPLAY

Information is displayed when the remote control is on.

Operating mode		Breeze Away display
		Active clean feature display
		Fresh feature display
		Sleep mode display
		"I Feel" function display
		Wireless control feature display
		Low battery detection display (if flashing)
		AUTO mode
		COOLONG mode
		DRY mode
		HEATING mode
		FAN mode
		Transmission Indicator: lights up when remote sends signal to indoor unit
		TIMER ON display
		TIMER OFF display
		Silence feature display
Temperature/ Timer/Fan speed display		Displays the default set temperature, or fan speed or timer setting when using On/Off timer functions. Temperature range: 16-30°C Timer setting range: 0-24 hours Fan speed setting range: AU -100% This display is blank when operating in FAN mode.
		Silence
		Low
		Medium
Fan speed display		High
		Auto
		Horizontal louver swing display
		Vertical louver auto swing display (optional function)
Louver swing display		Not available for this unit
		TURBO mode display

2 ON/OFF BUTTON

Turns the unit on or off.

3 MODE BUTTON

Scrolls through operation modes as follows: AUTO → COOL → DRY → HEAT → FAN

4 ECO/GEAR BUTTON

Press this button to enter the energy saving mode in the following sequence: ECO → GEAR (75%) → GEAR (50%) → Previous setting mode → ECO

5 TEMP BUTTON

▲ Increases temperature in 1°C (1°F) increments. Max. temperature is 30°C (86°F).

▼ Decreases temperature in 1°C (1°F) increments. Min. temperature is 16°C (60°F).

NOTE: Pressing buttons ▲ and ▼ at the same time for 3 seconds will alternate the temperature display between the °C & °F.

6 SET BUTTON

Scrolls through the operating functions as follows:

- Fresh  → Sleep  → "I Feel"  → AP mode  → Fresh 
- The selected symbol will flash on the display area. Press the OK button to confirm.

7 OK BUTTON

Used to confirm the selected functions

8 TIMER BUTTON

Set the timer to turn the unit on or off.

9 FAN SPEED BUTTON

Selects fan speeds in the following order: AU → 20% → 40% → 60% → 80% → 100%.

Press the ▲ or ▼ button to increase/decrease the fan speed in 1% increments.

10 SWING BUTTON

Starts and stops the louver movement.

11 BOUTON BREEZE AWAY

This feature avoids direct air being blown directly at you or any other occupants.

NOTE: This feature is available in Cooling, Fan and Dry modes only

12 TURBO BUTTON/I FEEL

Enables unit to reach preset temperature in shortest possible time. To activate "I Feel" mode, press the "TURBO" button for 7 s.

13 LED BUTTON

Turns the air conditioner's buzzer on and off.

NOTE: Press and hold this button for five seconds to toggle the indoor unit temperature display between the set temperature and the room temperature.

14 CLEAN BUTTON

This function is used to clean the air conditioner's evaporator, to prevent frosting.

TECHNICIAN MODE

- Low and high temperature limitation
- Flap angle memory
- Mode lock
- Leak replacement reminder
- Priority mode
- Addressing
- High fan speed

• Remote controls

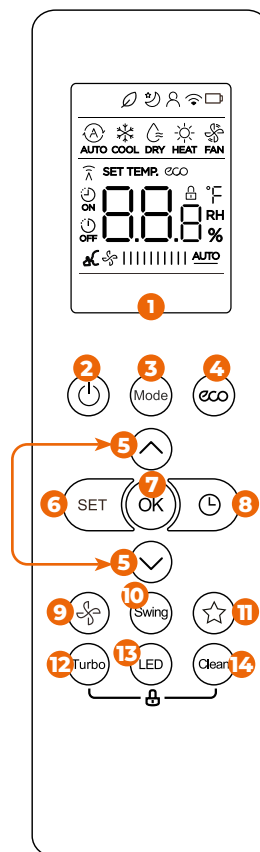
COMPATIBLE PRODUCTS

- HDMB
- SDMX

• Ref. 7ACEL1899



• RC19



1 DISPLAY

Information is displayed when the remote control is on.

Operating mode		Fresh function display (No displays when Fresh function is activated)
		Sleep mode display
		"I Feel" function display
		Wireless control function display
		Low battery detection display (if flashing)
		AUTO mode
		COOLONG mode
		DRY mode
		HEATING mode
		FAN mode
		Transmission Indicator: lights up when remote sends signal to indoor unit
		TIMER ON display
		TIMER OFF display
		Silence function display
Temperature/ Timer/Fan speed display		ECO display: displays when ECO function is activated
		LOCK display: displays when LOCK function is activated.
Fan speed display		Displays the default set temperature, or fan speed or timer setting when using On/Off timer functions. Temperature range: 17-30 °C/62-86 °F (20-28 °C) (model dependent) Timer setting range: 0-24 hours This display is blank when operating in FAN mode.
		Silence 1%
		2%-20%
		Low 21%-40%
		Medium 41%-60%
		High 61%-80%
		81%-100%
Fan speed display		Auto 81%-100%
		This fan speed can not be adjusted in AUTO or DRY mode.

2 ON/OFF BUTTON

Turns the unit on or off.

3 MODE BUTTON

Scrolls through operation modes as follows: AUTO → COOL → DRY → HEAT → FAN

NOTE: HEAT mode is not supported by the cooling only appliance.

4 BOUTON ÉCO

Press this button to enter the energy saving mode.

5 TEMP BUTTON

▲ Increases temperature in 1°C (1°F) increments. Max. temperature is 30°C (86°F).

▼ Decreases temperature in 1°C (1°F) increments. Min. temperature is 17°C (62°F).

NOTE: Press buttons ▲ and ▼ at the same time for 3 seconds will alternate the temperature display between the °C & °F.

6 SET BUTTON

Scrolls through the operating functions as follows:

• Fresh  → Sleep  → "I Feel"  → AP mode  → Fresh 

• The selected symbol will flash on the display area, press the OK button to confirm.

7 OK BUTTON

Used to confirm the selected functions

8 TIMER BUTTON

Set the timer to turn the unit on or off.

9 FAN SPEED BUTTON

Selects fan speeds in the following order: AUTO → LOW → MED → HIGH.

NOTE: Hold down for 2 seconds to activate silent mode.

10 SWING BUTTON

Permet d'activer and de désactiver le mouvement horizontal du déflecteur.

Appuyez pendant 2 secondes for activer la fonction de balancement vertical automatique du déflecteur.

11 BOUTON RACCOURCI

Used to restore the current settings or resume previous settings.

12 TURBO BUTTON

Enables unit to reach preset temperature in shortest possible time.

13 LED BUTTON

Turns the air conditioner's buzzer on and off (depending model), which create a comfortable and quiet environment.

14 CLEAN BUTTON

This function is used to clean the air conditioner's evaporator, to prevent frosting.

TECHNICIAN MODE

- Low and high temperature limitation
- Flap angle memory
- Mode lock
- Leak replacement reminder
- Priority mode
- Addressing
- High fan speed

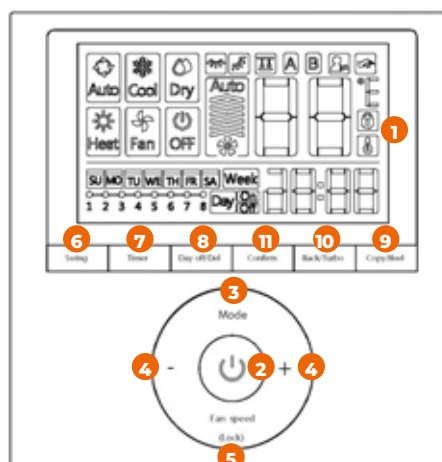
COMPATIBLE PRODUCTS

- FDMX (optional)
- DDMX
- CDMX (optional)

Ref. 7ACEL1774



RCW11



1 DISPLAY

Information is displayed when the remote control is on.

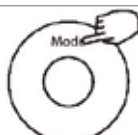
	Operating mode
	Ventilation speed
	Louver left/right position
	Louver up/down position
	Panel (not used)
	Master/slave unit
	"I Feel" function
	Turbo or auxiliary heating mode
	Degrees (°C/°F)
	Temperature display
	Remote control locking
	Ambient temperature
	Time display
	Programming ON/OFF
	Programming display

2 ON/OFF BUTTON



To start/stop use, press the ON/OFF button.

3 MODE SELECTOR BUTTON



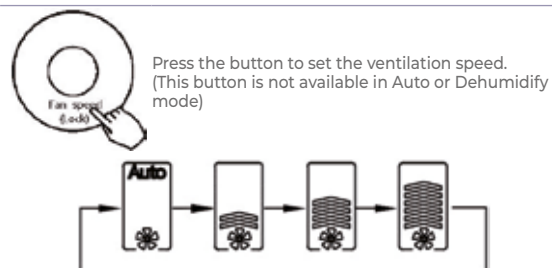
Press the MODE button to set the operating mode.
(The Heat function is not valid for a Cooling only type unit.)

	Automatic. When this mode is selected, the air conditioner calculates the difference between the thermostat setting and the room temperature and automatically switches to "cooling" or "heating" mode.
	Cooling. The air conditioner cools the room.
	Dehumidify (dry mode). The air conditioner reduces the air humidity in the room.
	Heating. The air conditioner heats the ambient air.
	Ventilation only. The air conditioner circulates the air.
	The air conditioner is off.

4 TEMPERATURE SETTING BUTTONS

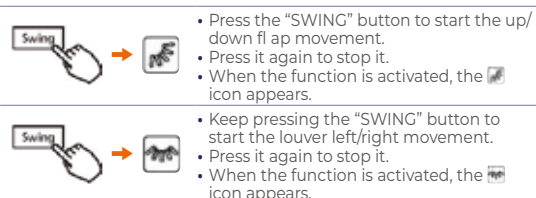
- (cooler). Reduce the set temperature.
- + (warmer). Increase the set temperature.

5 FAN SPEED SELECTION BUTTON



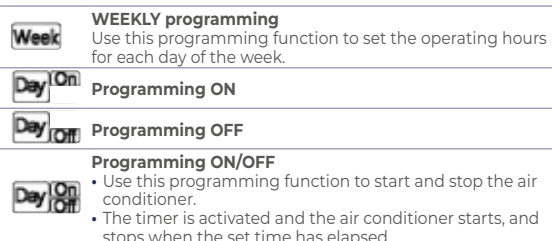
Press the "Fan speed (Lock)" button for 3 seconds to activate the locking function and lock all the buttons on the wired remote control.

6 VERTICAL/HORIZONTAL SWING BUTTON



- Press the "SWING" button to start the up/down flap movement.
- Press it again to stop it.
- When the function is activated, the icon appears.
- Keep pressing the "SWING" button to start the louver left/right movement.
- Press it again to stop it.
- When the function is activated, the icon appears.

7 TIMER BUTTON (PROGRAMMING)



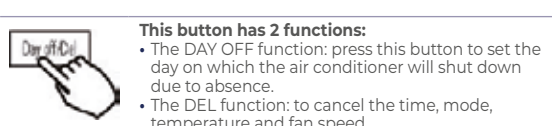
- WEEKLY programming**
Use this programming function to set the operating hours for each day of the week.
- Programming ON**
- Programming OFF**
- Programming ON/OFF**
- Use this programming function to start and stop the air conditioner.
 - The timer is activated and the air conditioner starts, and stops when the set time has elapsed.

6 + 7 BUTTON BEEP FUNCTION



Press the "SWING" and "TIMER" buttons simultaneously for 3 seconds to deactivate the button beep.

8 DAY OFF/DEL BUTTON



- This button has 2 functions:**
- The DAY OFF function: press this button to set the day on which the air conditioner will shut down due to absence.
 - The DEL function: to cancel the time, mode, temperature and fan speed.

9 "I FEEL" BUTTON FOR ROOM TEMPERATURE DETECTION AND DISPLAY



- Activates temperature detection in the vicinity of the remote control. This function is available in AUTO, COOL and HEAT mode.
- When the "I Feel" icon the room temperature in the vicinity of the wired remote control is detected.
- When programming, this button copies the setting for one day to another day.

10 TURBO BUTTON



- Press the "BACK/TURBO" button to activate/deactivate the Turbo/Auxiliary heating function.
- The BACK function: when programming, this button allows you to go back a step.

11 BOUTON CONFIRM



- Confirms the programmed action.

ALARM CODE MANAGEMENT

A malfunction code indicates the error code, which may be useful for servicing purposes.

N°	Alarm code explanation	Display
1	Communication error between the remote control and the indoor unit.	F0
2	The board is faulty.	F1

COMPATIBLE PRODUCTS

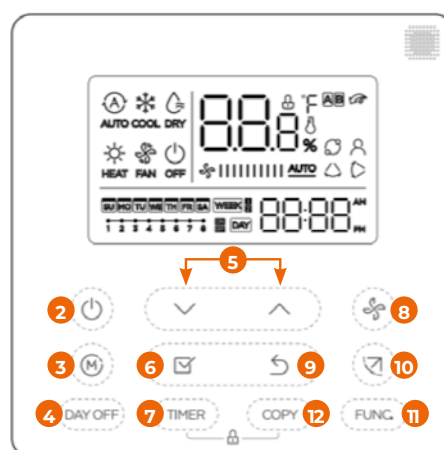
- FDMX (optional)
- DDMX (optional)
- CDMX (optional)

Ref. 7ACEL1876



To connect the remote control to the systems FDMX, DDMX and CDMX, you need to order one **7ACEL1776** interface for each indoor unit.

RCW26



1 DISPLAY

Information is displayed when the remote control is on.

	Operation mode indication
	Fan speed indication
	Temperature display
	Lock indication
	°C / °F indication
	Main unit and secondary unit indication
	Turbo function indication
	Room temperature indication
	Rotating indication
	Follow Me function indication
	Left-right swing indication (some models)
	Clock display
	On/Off timer
	Timer display

2 ON/OFF BUTTON

To start/stop use, press the ON/OFF button.

3 MODE SELECTOR BUTTON

Press the Mode button to select the operating mode (the heating function is invalid for cooling-only units).

	Auto
	Dehumidify
	Heating
	Fan
	Cooling

4 DAY OFF/DEL BUTTON

- During the weekly timer, pressing the Del button once, display "0h".
- Press this button twice, display "1h" and wait 3 seconds to confirm. It means the unit will override 1 hours.
- Press this button three times, display "2h" and wait 3 seconds to confirm. It means the unit will override 2 hours.

5 ADJUST BUTTON

This button allows you to adjust the temperature as well as scroll through the different functions.

6 CONFIRM BUTTON

Press once to confirm your choices during programming.

7 TIMER BUTTON

WEEKLY TIMER

Use this timer function to set operating times for each day of the week.

ON TIMER

Use this timer function to start air conditioner operation.

OFF TIMER

Use this timer function to stop air conditioner operation.

ON AND OFF TIMER

Use this timer function to start and stop air conditioner operation.

8 FAN SPEED BUTTON

Press the Fan speed button to set the fan speed.

9 BACK BUTTON

It allows you to go back when programming or choosing a mode.

10 SWING BUTTON

Use the Swing button to adjust the direction of the flaps.

11 FUNCTION BUTTON

TURBO

Under COOL/HEAT mode, press the FUNC. Button to activate the turbo function. Press the button again to deactivate the turbo function. When the turbo function is activated, the  mark appears.

ROTATION

When there are two units, press the button to select the rotating function, and press "Confirm" to turn on or off the rotating function.

FOLLOW ME

Press the FUNC. button to select whether the room temperature is detected at the indoor unit or the wire controller.

12 COPY BUTTON

Copy out the setting in one day into the other day. A reservation made once can be copied to another day of the week. The effective use of the copy mode ensures ease of making reservations.

MORE FUNCTIONS

POWER OFF MEMORY

After a power failure, the RCW26 remote control restores the previous operating modes.

CHILD LOCK

This function can lock the RCW26 wired controller and prevent erroneous or mischievous setting change.

REMOTE CONTROL COMPATIBLE

With Infrared Receiver built-in, RCW26 wired control can receive the signals from remote controller and realize conventional functions.

TEMPOCONFORT

- The wired remote control RCW26 has an integrated temperature sensor.
- The Follow-Me button activates this sensor, which detects and adjusts the room temperature to ensure a better comfort.

OTHERS

- Redundancy and operating time balancing.
- 4 choices of operating mode:
 - All modes,
 - Heating / Ventilation,
 - Cooling / Dehumidification / Ventilation,
 - Cooling / Heating / Dehumidification / Ventilation.
- Minimum and maximum setpoint temperature limits.
- 2 two-way remote controls for large areas.
- Adjustable backlighting time.
- Equipped with an infrared receiver.

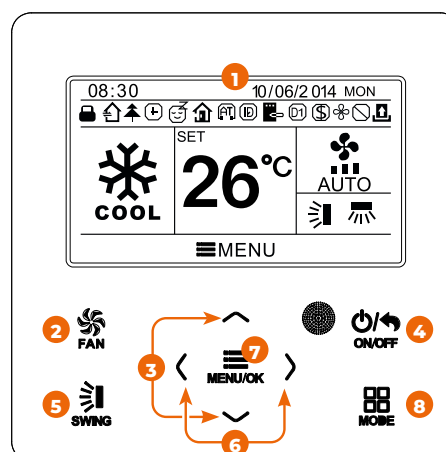
COMPATIBLE PRODUCTS

- HDLE Aura (optional)
- XDLF (optional)

Ref. 7ACEL1874



RCW27



1 DISPLAY

Information is displayed when the remote control is on.

Operating mode

	Vertical swing function
	Lateral swing function
	FRESH AIR function
	SLEEP function
	AUTO MODE
	COOLING mode (air conditioning)
	DRY mode
	FAN mode
	HEATING mode
	HEALTH function (purification)
	I-DEMAND FUNCTION
	AWAY FUNCTION
	Locking function (buttons, temperature, ON/OFF, mode and energy saving are locked by the remote display)
	Current set fan speed
	MEMORY function (in case of power failure)
	DRED function
	SAVE function (energy saving)
	X-FAN function (turbo fan)
	Timer Enabled Status
	Door card removed or no-one present status
	QUIET function
	Function lock

2 FAN SPEED SELECTION BUTTON

Press the button to adjust the fan speed.

LOW, MEDIUM, HIGH, TURBO AND AUTO.



3 TEMPERATURE SETTING BUTTONS

(warmer). Raises the set temperature.
 (cooler). Lowers the set temperature.

Notes: - In AUTO mode, the set temperature cannot be adjusted.
 - and also allow you to set the parameters and move the option slider.

4 ON/OFF/BACK OPERATION BUTTON

To start/stop use, press the ON/OFF button.

5 WING BUTTONS

Press this button to change the mode.



Use to swing the air supply louver in various vertical and lateral positions.

6 FUNCTION SETTING BUTTONS

< and > activate or deactivate the corresponding function.
Notes: Also used to set settings and move the option slider.

7 MENU/OK BUTTON

Press this button to change the mode.

Setting the FRESH AIR function

- Press the or button to select the FRESH AIR function then press < or > to activate or deactivate this function. Press the MENU button to set FRESH AIR mode. After entering the FRESH AIR mode setting, press the or button to set the mode in the range 1-10.
- When the setting is complete, press the MENU button to save the setting.

Setting the SLEEP function

- Press the or button to select the SLEEP function then press < or > to activate or deactivate the SLEEP function with automatic save.
- If this feature is enabled, the unit operates from a preset sleep curve to provide a comfortable sleeping environment.

Notes:

- In FAN (fan) or Auto mode, the SLEEP function is not available.
- The SLEEP function can be canceled by turning off the unit or changing the mode.

Setting the HEALTH function

- Press the or button to select the HEALTH function then press < or > to activate or deactivate this function with automatic save.

Setting the I-DEMAND function

- Press the or button to select the I-DEMAND function then press < or > to activate or deactivate this function with automatic save.

Notes:

- This function is only available in COOLING mode.
- After this function is set, the set temperature displayed in SE. In this case, the temperature and fan speed settings are locked.
- This function is canceled by changing the mode.
- This function and the SLEEP function cannot be activated simultaneously. If the I-demand function is set first and then the SLEEP function, the first will be canceled and the second valid, and vice versa.

Setting the HOLIDAY function

- Press the or button to select the HOLIDAY function then press < or > to activate or deactivate this function with automatic save.
- This function is used to maintain the indoor temperature so that the unit can heat up quickly.

Notes:

- This function is only available in HEATING mode.
- When this function is set, the set temperature displayed is 8°C (46°F). In this case, the temperature and fan speed settings are locked.
- This function is canceled by changing the mode.
- This function and the SLEEP function cannot be activated simultaneously. If the Holiday function is set first and then the SLEEP function, the first will be canceled and the second valid, and vice versa.

Setting the MEMORY function

- Press the or button to select the MEMORY function then press < or > to activate or deactivate this function with automatic save.

Setting the FIXED-ANGLE SWING mode

- Press the or button to select the LOCKED SWING function then press < or > to activate or deactivate this function with automatic save.

Notes: If the FIXED ANGLE SWING function is not available for the connected unit, this function will be automatically canceled after setting.

Setting the SAVE function

- Press the or button to select the SAVE function then press < or > to activate or deactivate this function. Press the MENU button to enter the SAVE function setting page.
- After entering the SAVE function setting page, press the < or > button to select the cooling and heating limit temperature. After selecting the cooling and heating limit temperature, press the < or > button to adjust the limit temperature value. When the setting is complete, press the MENU button to save the setting.

Notes: Once the SAVE function has been set, it is not possible to set the AUTO mode.

Setting the AUXILIARY HEATING function

- Press the or button to select the AUXILIARY HEATING function then press < or > to activate or deactivate this function with automatic save.

Setting the X-FAN function

- Press the or button to select the DRY function, then press < or > to activate or deactivate this function with automatic save.

Notes: This function is only available in COOLING and DRY mode.

Setting the QUIET function

- Press the or button to select the QUIET function, then press < or > to activate or deactivate this function with automatic save.

Notes: This function is only available in COOLING, HEATING and AUTO mode.

Setting FAHRENHEIT TEMPERATURE

- Press the or button to select the FAHRENHEIT TEMPERATURE function, then press < or > to activate or deactivate this function with automatic save. Once this function is closed, the temperature will appear in Celsius.

Setting the AIR function

- Press the or button to select the AIR function, then press < or > to activate or deactivate this function. Press the MENU button to set the AIR function mode. After entering the AIR function mode setting, press the < or > button to set the mode in the range 1-2.
- When the setting is complete, press the MENU button to save the setting.
- Each mode is equivalent to the following: 1. Suction/2. Exhaust.

8 MODE SELECTION BUTTON

Press this button to change the mode.



Automatic. When this mode is selected, the air conditioner calculates the difference between the thermostat setting and the room temperature and automatically switches to COOLING or HEATING mode.



Cooling. The air conditioner cools the room.



Dehumidification (drying). The air conditioner dries the air in the room.



Fan only. The air conditioner circulates air.



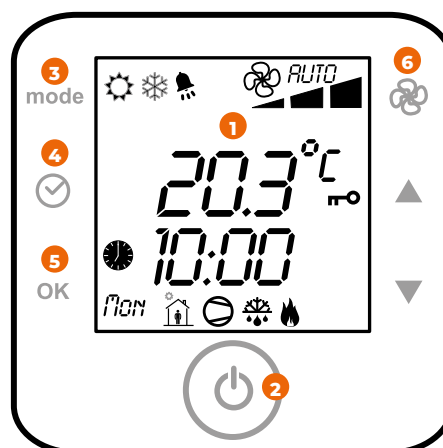
Heating. The air conditioner heats the ambient air.

PRODUIT COMPATIBLE

→ DFMO



Remote control for DFMO



1 DISPLAY

Information is displayed when the remote control is on.

	Operating mode: SUMMER
	Operating mode: WINTER
<i>AUTO</i>	Operating mode: AUTOMATIC
	Exhaust fan speed
	Alarm present
	Keypad locked
	Time bands active if the clock is visible
	Time band active
	Compressor active
	Defrosting in progress
	Auxiliary heater (Electrical resistors, hot water coil)

2 ON/OFF BUTTON

To start/stop use, press the ON/OFF button.

3 MODE SELECTOR BUTTON

Press this button to change the mode.

	Summer/Cooling. The air conditioner cools the room.
	Winter/Heating. The air conditioner heats the ambient air.
<i>AUTO</i>	Automatic. When this mode is selected, the air conditioner calculates the difference between the thermostat setting and the room temperature and automatically switches to cooling or heating mode.

It is possible to modify the operating setpoint at any time using the ▲▼ buttons.

4 CHANGING THE TIME OR DAY

- Press the CLOCK button for 5 sec.
- Using the ▲▼ buttons select the CLOCK menu
- Confirm with the OK button
- The time flashes: adjust using the ▲▼ buttons
- Confirm with the OK button
- Repeat the procedure for the minutes and the day of the week
- To return to the main screen, select the "Esc" menu and confirm with OK

4 + 5 ON/OFF BUTTON

Press for 5 seconds to LOCK/UNLOCK the buttons.

ECONOMY SETPOINT

The ECO setpoint is optimised to reduce energy consumption:

- In summer: the ECO set point is higher than the standard setpoint.
- In winter: the ECO set point is lower than the standard setpoint.

PROGRAMMING TIME BANDS

4 types of programming are possible:

- 7 days (Monday to Sunday)
- 5 days (Monday to Friday)
- 2 days (Saturday to Sunday)
- Day by day

Daytime programming



Inside



Outside



Back home

Night-time programming



Inside



Outside



Back home

PROGRAMMATION JOUR PAR JOUR



1 Press for 5 seconds



2 Select "TIME BANDS" using
Press OK



3 Select "DAY BY DAY" using
Press OK



4 Press OK



5 Display the hour using
Press OK



6 Display the minutes using
Press OK



7 Display the temperature using
Press OK



8 Select the next time band using
Press OK
Repeat the procedure



9 Select "ESC" using
Press OK



10 Press OK to programme the next day



11 Select the next day using
Press OK
Repeat the procedure



9 Select "ESC" to exit using
Press OK



13 Select "ESC" to exit using
Press OK

PROGRAMMING ON/OFF



1 Press : to deactivate time band programming



2 Programming deactivated: symbol hidden

ALARMS

- Any malfunctions are indicated on the display by the ALARM icon. Before resetting an alarm, identify and remove the cause that generated it.
- Repeated resets can cause irreversible damage such as a system malfunction.

To reset a present alarm:

- Press Mode + Clock for 5 sec.

PARAMETERS

The configuration parameters are password protected to avoid unintentional changes which might affect the operation of the unit.

To access the parameters:

1. Press ON/OFF + FAN for 5 seconds
2. Enter the password: using the buttons. Code = 2
3. Confirm with OK
4. Select the PAR menu and confirm with OK
5. Scroll through the list
6. Select the parameter with OK
7. Change the value and confirm with OK
8. Scroll up to exit

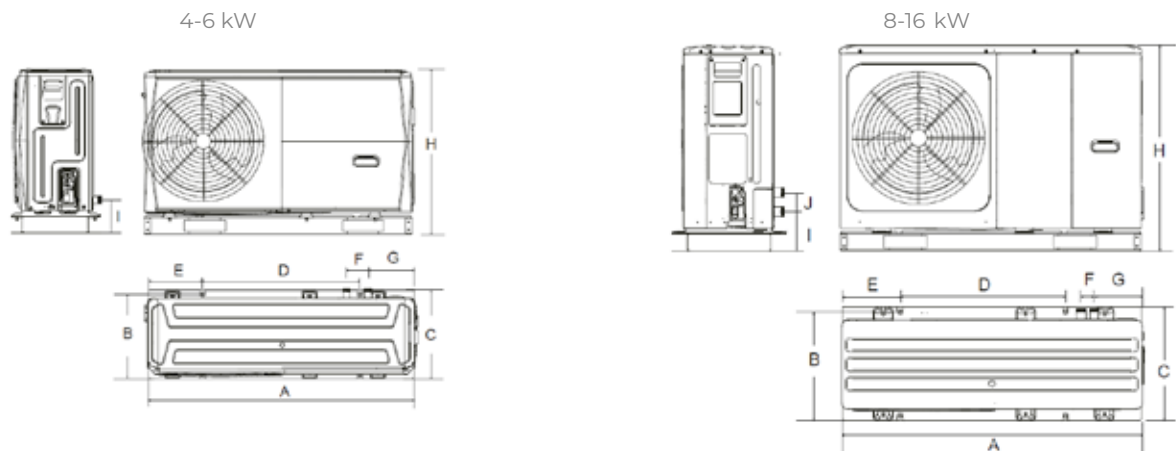
For more details, refer to "PARAMETERS" section in the manual.

STATUSES

To access statuses:

- Press ON/OFF + FAN for 5 seconds.

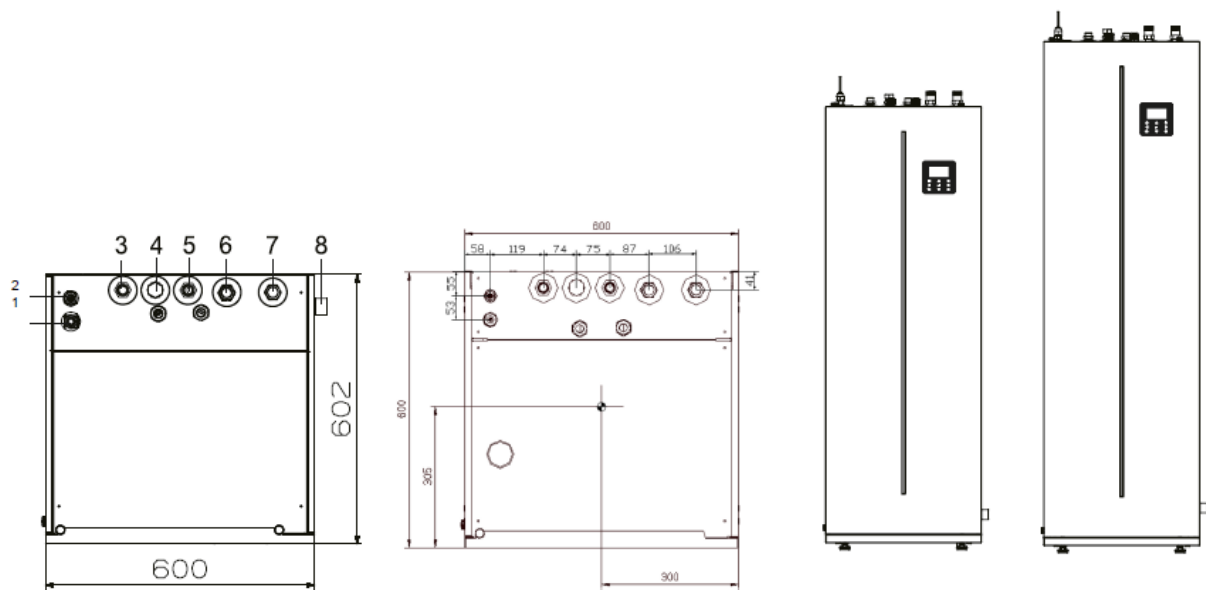
WELLEA M HT - MONOBLOCK HEAT PUMP WITH R290 FLUID



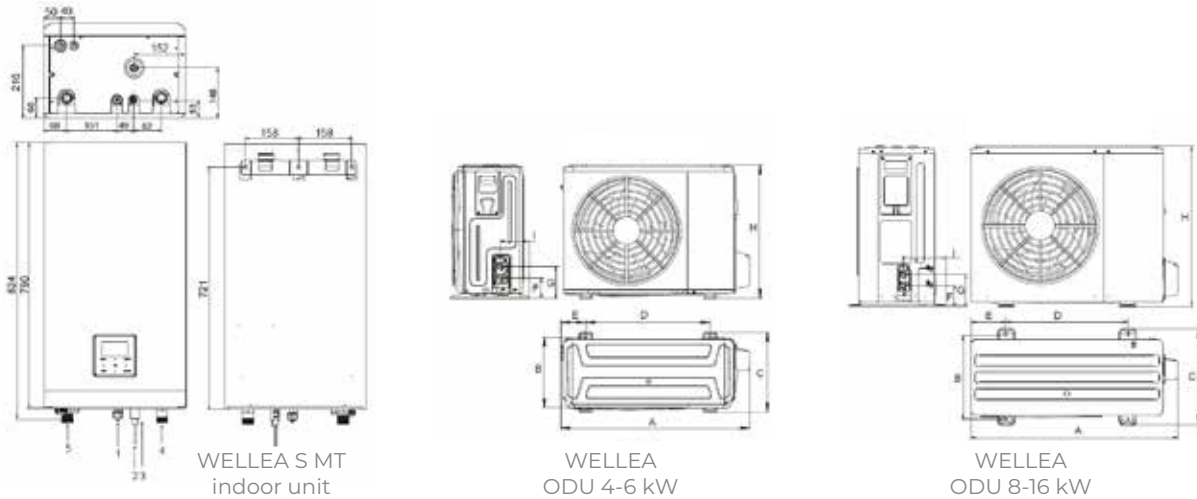
DIMENSIONS (mm)

Model	A	B	C	D	E	F	G	H	I	J
4/6 kW	1295	397	429	760	265	105	225	792	161	-
8/10/12/14/16 kW	1385	482	526	760	270	60	221	945	182	81

WELLEA WT MT - SPLIT HEAT PUMP WITH TANK DHW INCLUDED



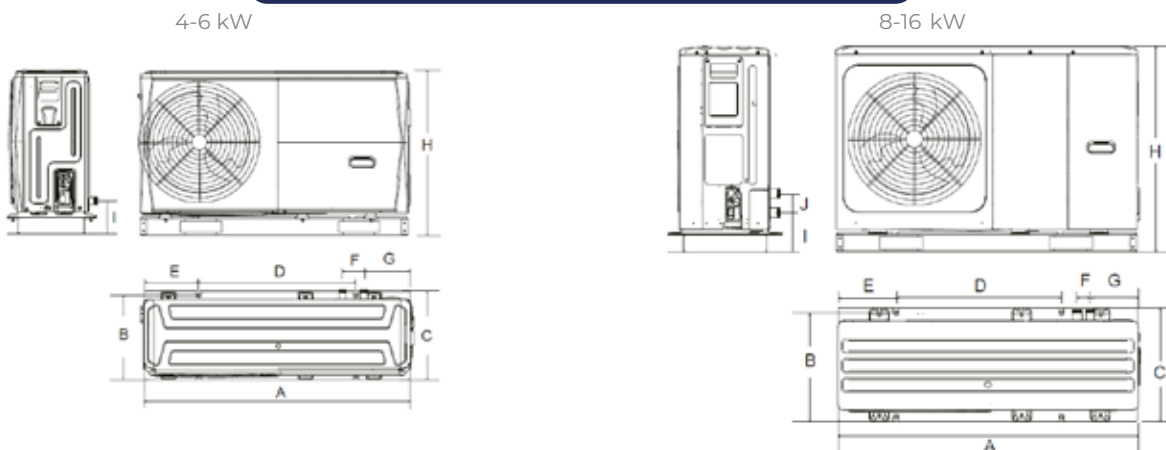
WELLEA S MT - SPLIT HEAT PUMP



DIMENSIONS (mm)

Model	A	B	C	D	E	F	G	H	I
4/6 kW	1008	375	426	663	134	110	170	712	160
8/10/12/14/16 kW	1118	458	523	656	191	110	170	865	230

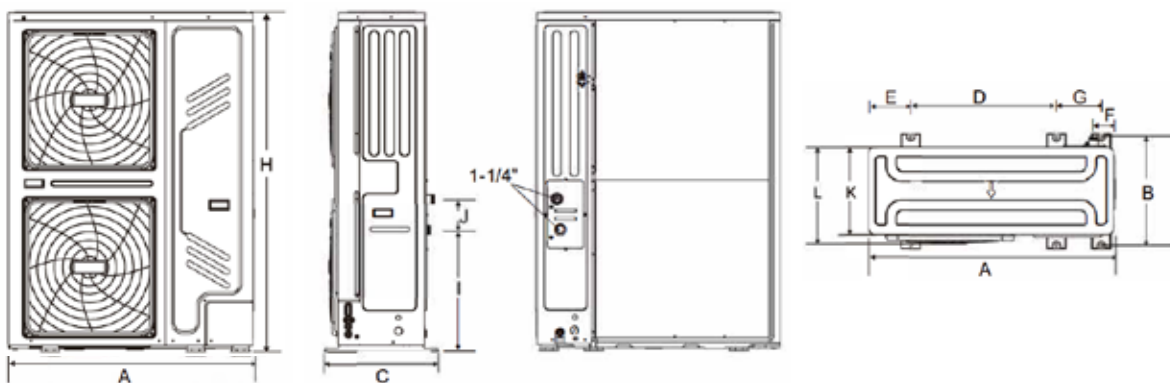
WELLEA M MT - MONOBLOCK HEAT PUMP



DIMENSIONS (mm)

Model	A	B	C	D	E	F	G	H	I	J
4/6 kW	1295	397	429	760	265	105	225	792	161	-
8/10/12/14/16 kW	1385	482	526	760	270	60	221	945	182	81

WELLEA M DF MT - MONOBLOCK HEAT PUMP

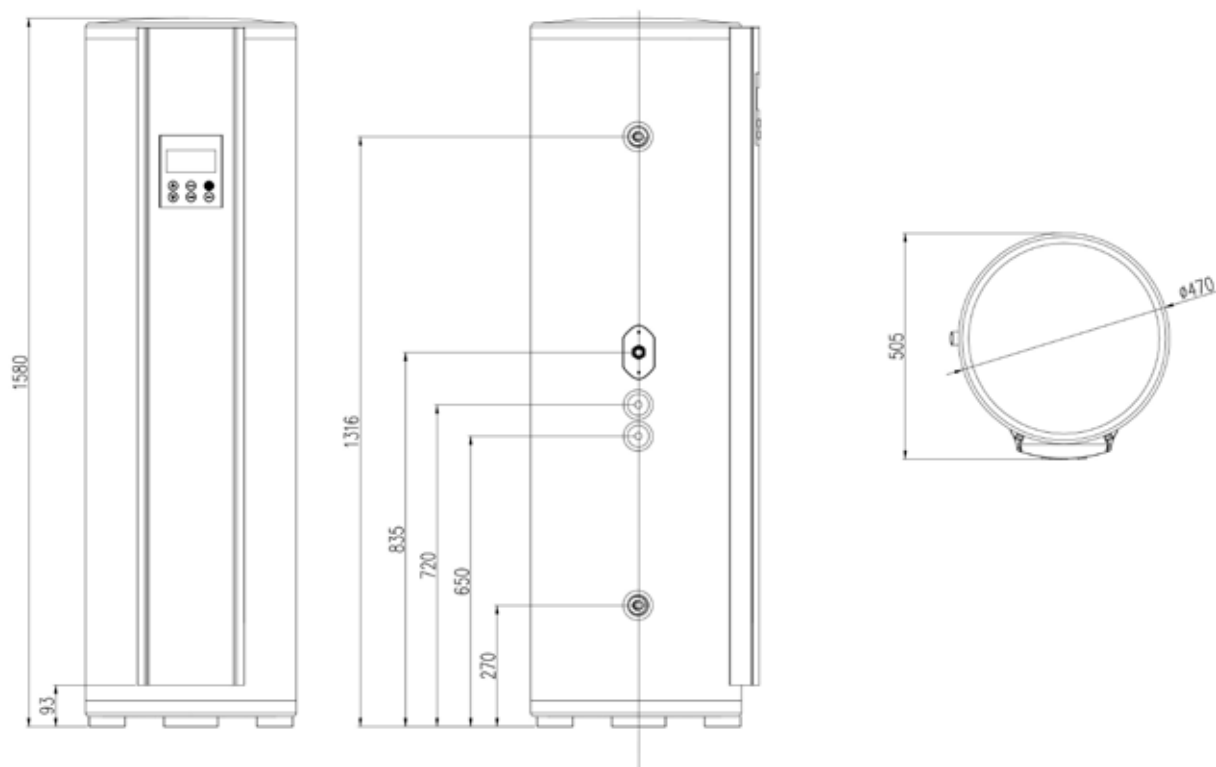


DIMENSIONS (mm)

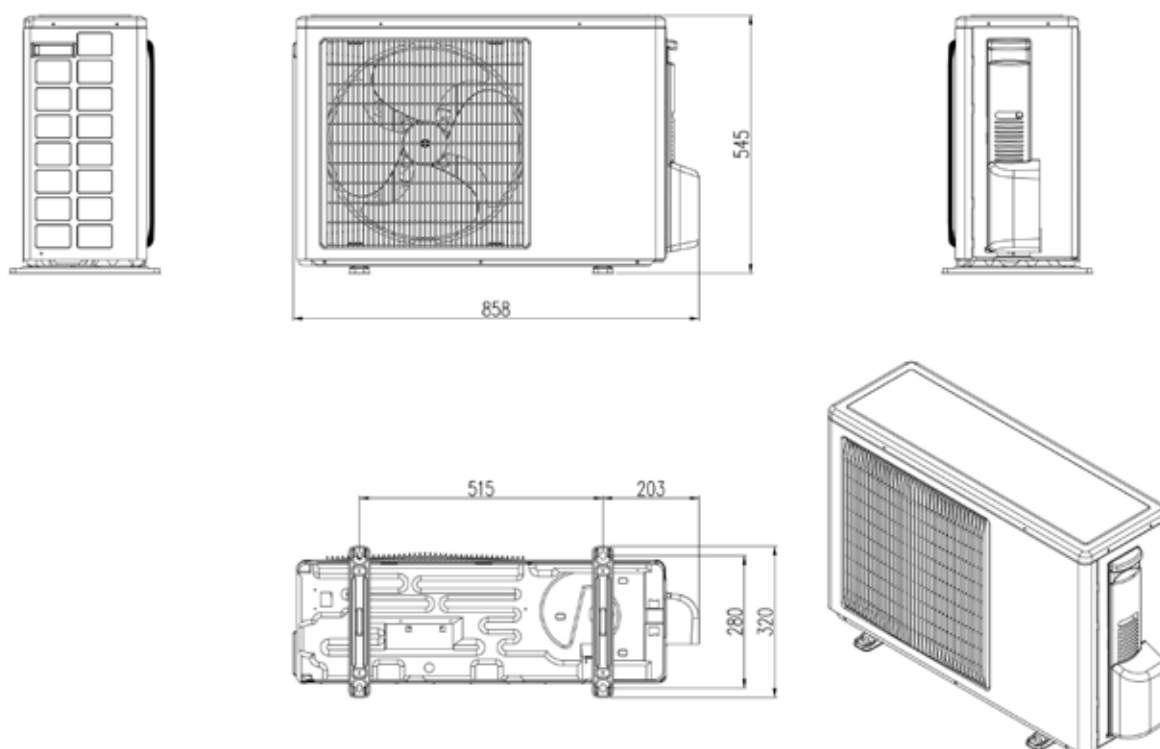
MODEL	A	B	C	D	E	F	G	H	I	J	K	L
18/22/26/30 kW	1129	494	528	668	192	98	206	1558	558	143	400	440

ELEO S / YFHX - SPLIT THERMODYNAMIC WATER HEATER

Indoor unit ELEO S

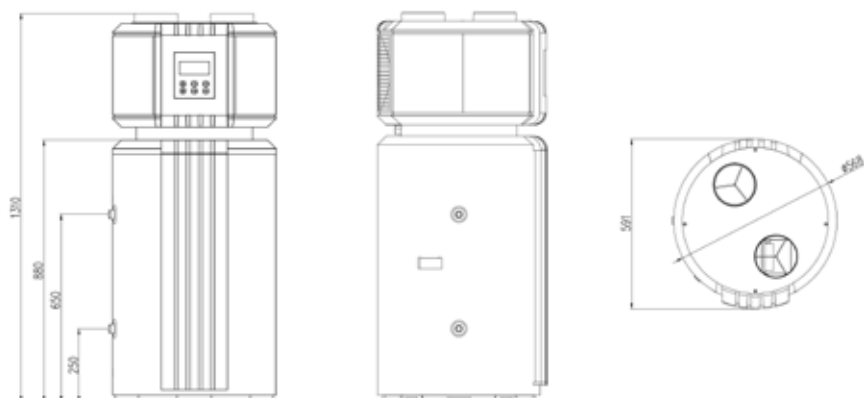


Outdoor unit YFHX

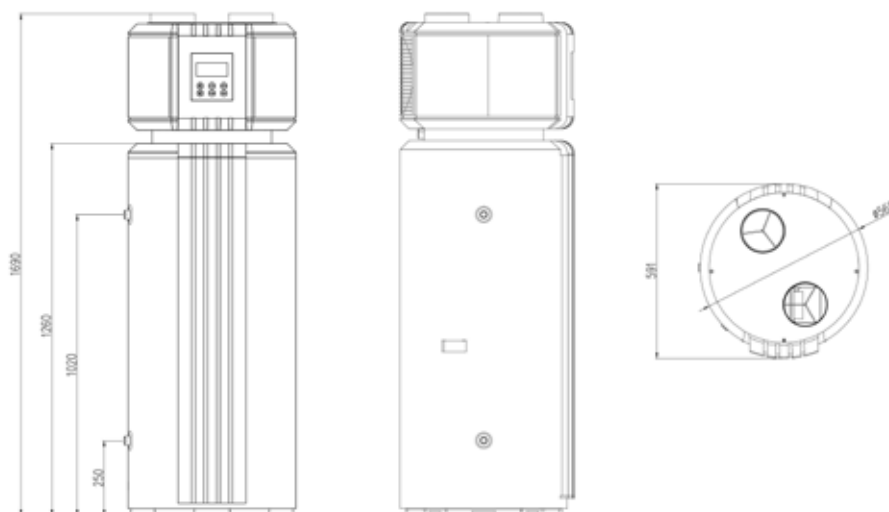


ELEO M - MONOBLOCK THERMODYNAMIC WATER HEATER

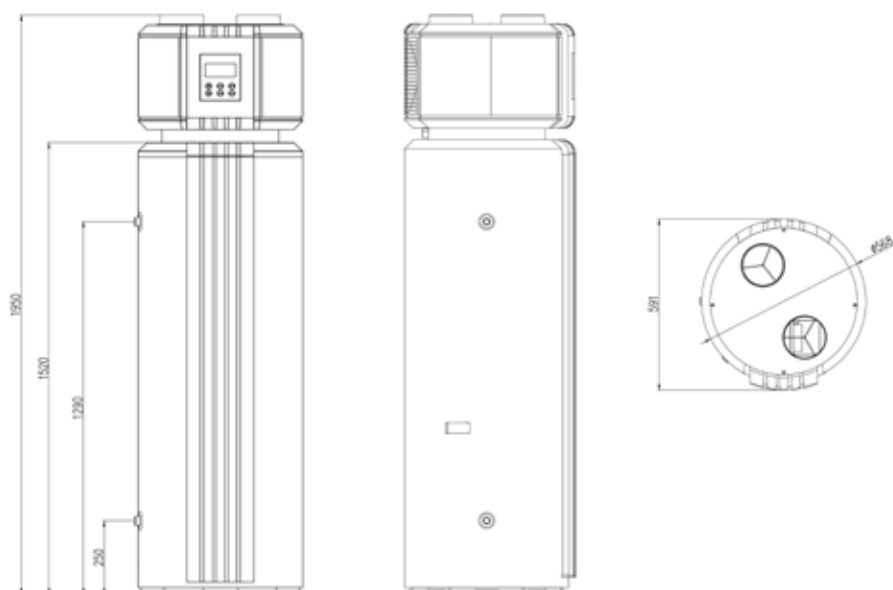
ELEO M 120L

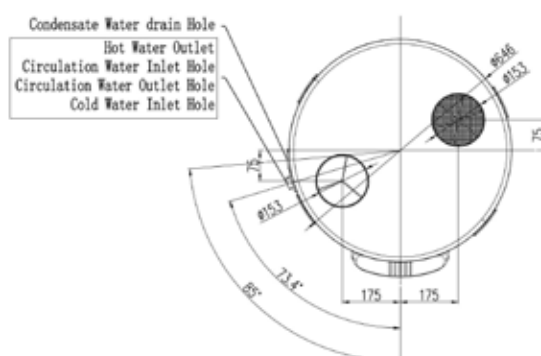


ELEO M 190L



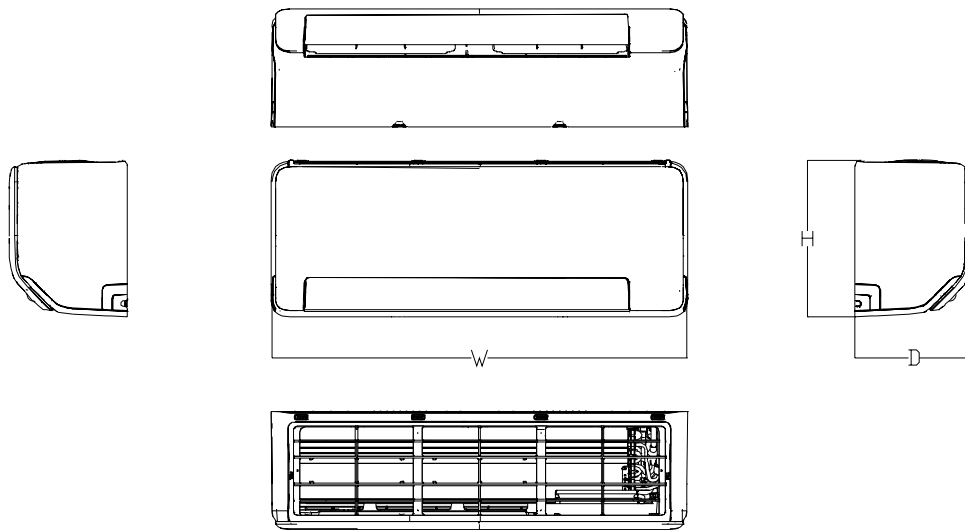
ELEO M 260L





HDHC ARTICA / YDAC - HIGH WALL

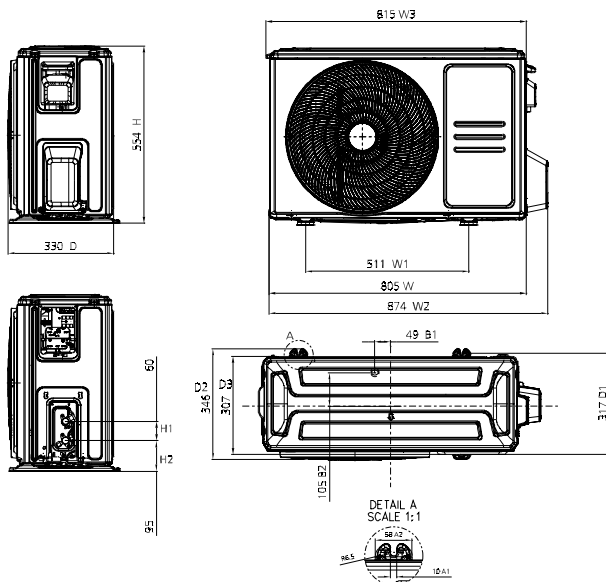
HDHC Artica



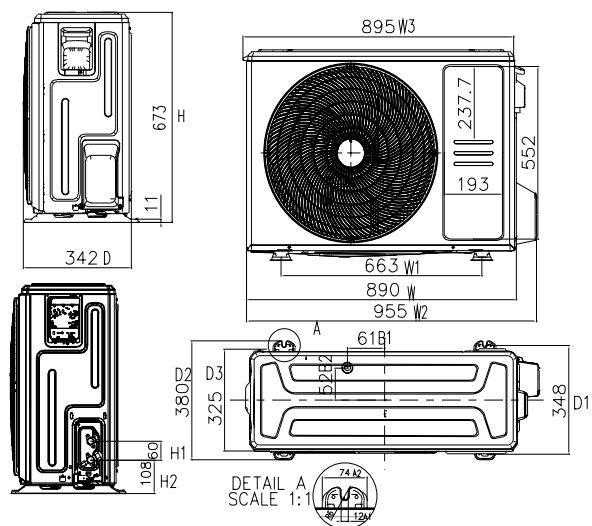
DIMENSIONS (mm)

MODEL	W	D	H
025N-035N	795	225	295
050N	965	239	319
070N	1140	275	370

YDAC 025R-035R

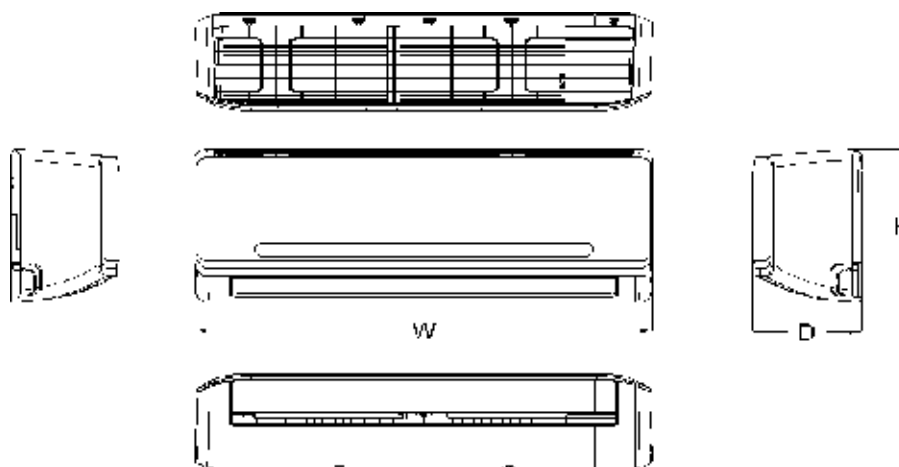


YDAC 050R-070R



HDMB HARMONIA COLOUR RANGE / YDAB - HIGH WALL

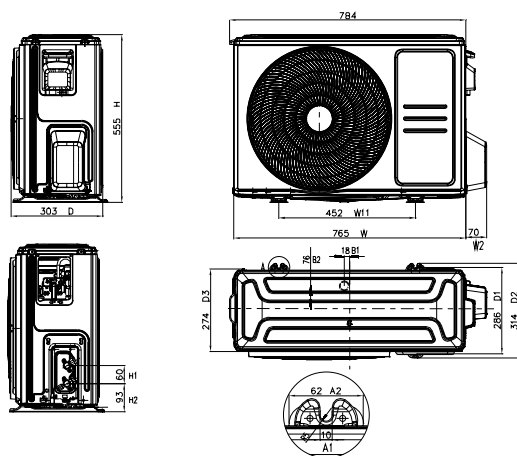
HDMB



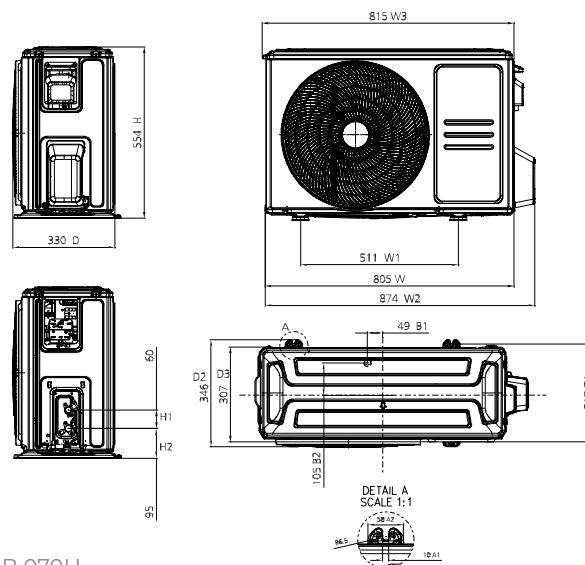
DIMENSIONS (mm)

MODEL	W	D	H
025N-035N	802	189	297
050N	965	215	319
070N	1080	226	335

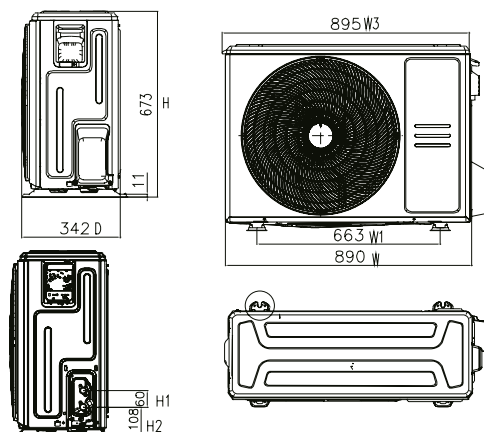
YDAB 025H-035H



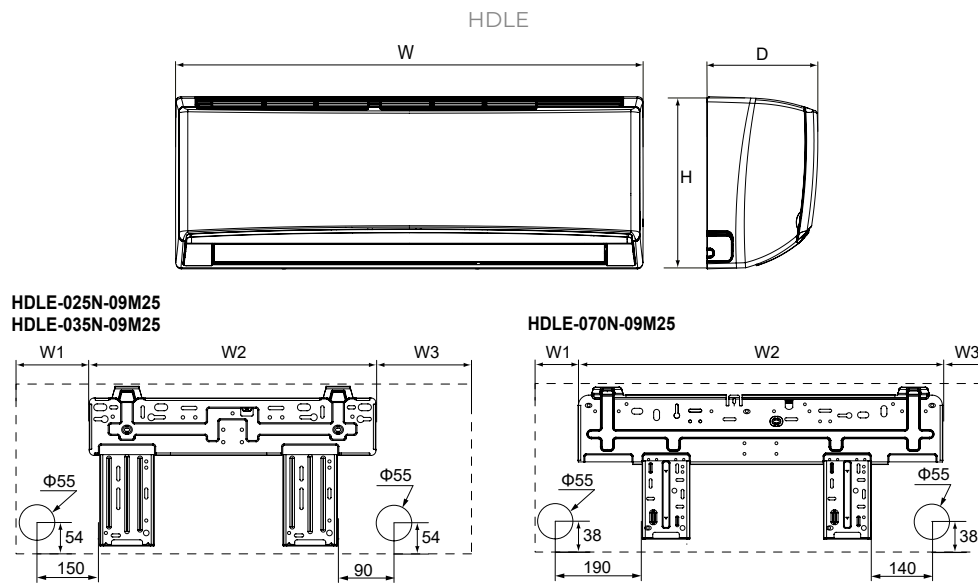
YDAB 050H



YDAB 070H

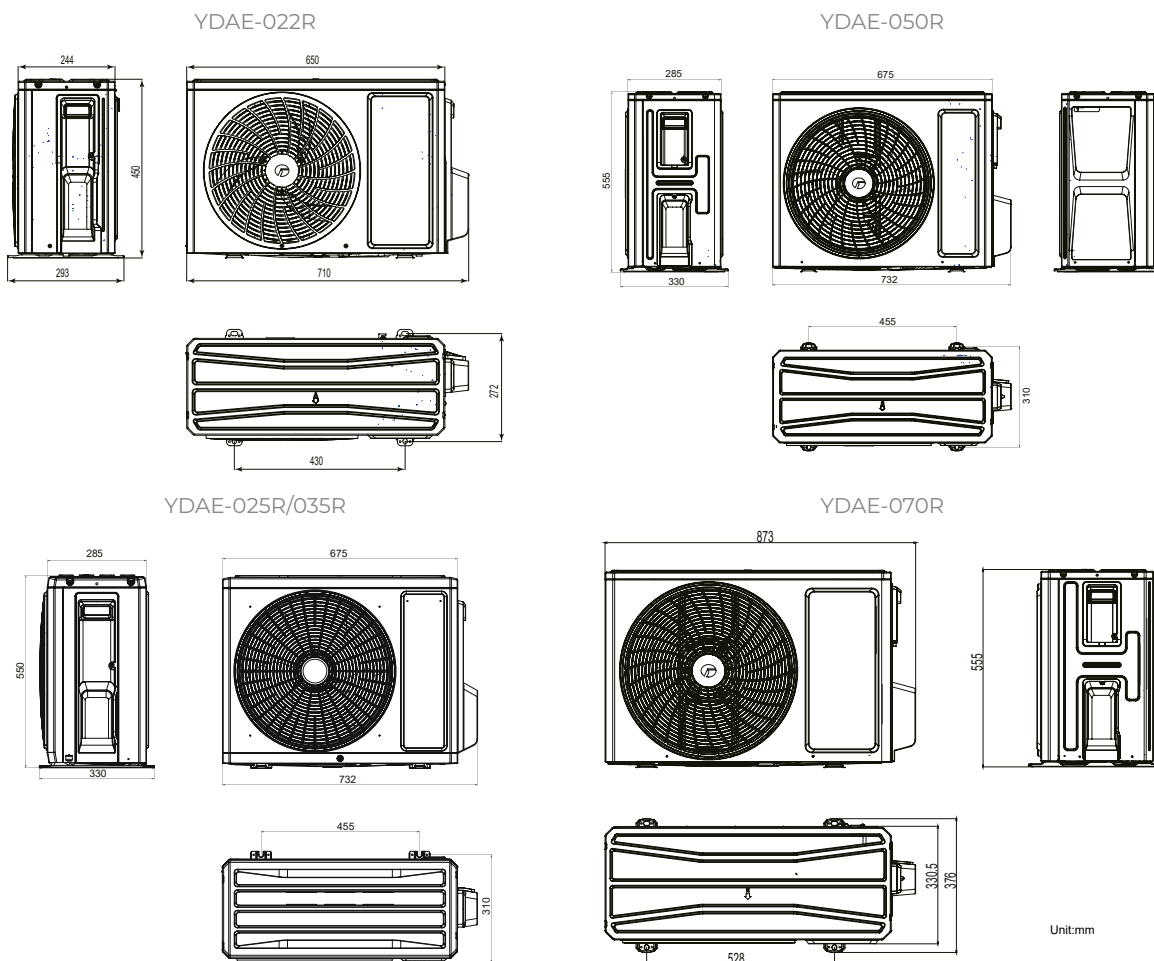


HDLE / YDAE - HIGH WALL WI-FI BUILT-IN



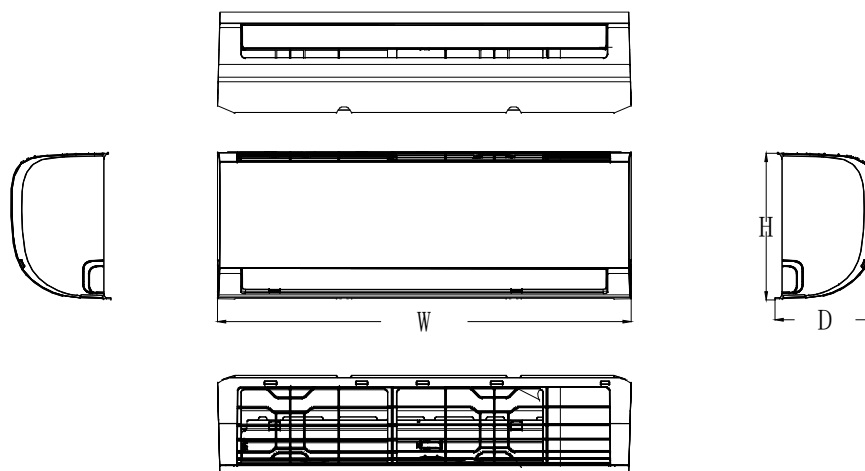
DIMENSIONS (mm)

MODEL	W	H	D	W1	W2	W3
HDLE-022N-09M25	713	270	195	148	462	103
HDLE-025N-09M25 HDLE-035N-09M25	790	275	200	168,5	462	159,5
HDLE-070N-09M25	970	300	224	104	685	181



HDLA / YDAA - HIGH WALL

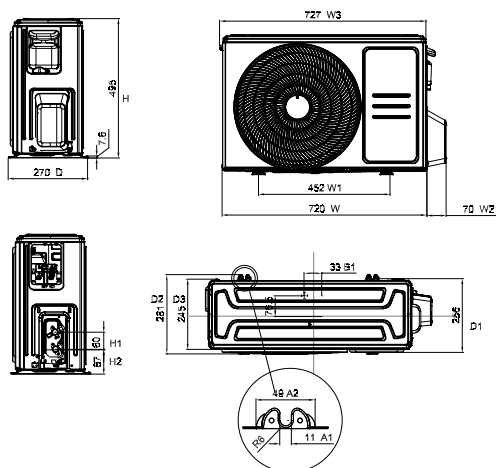
HDLA



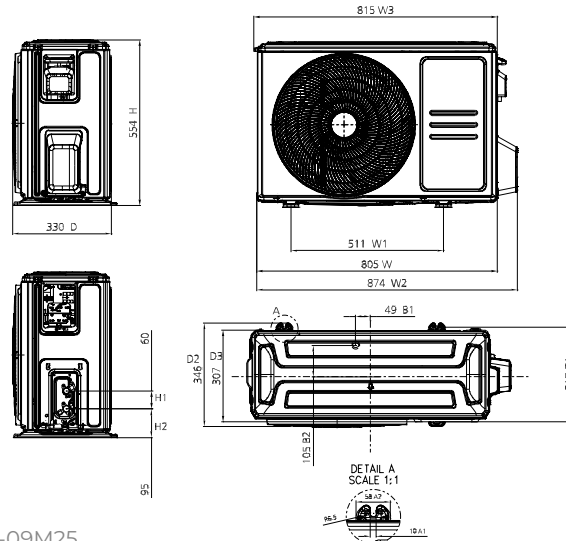
DIMENSIONS (mm)

MODEL	W	D	H
022N-025N-035N	805	194	285
050N	957	213	302
070N	1040	220	327

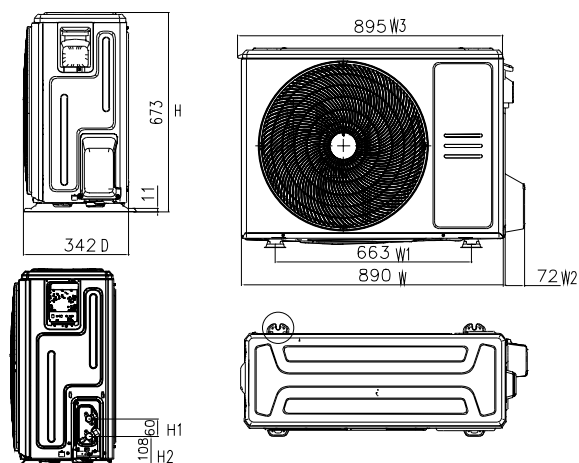
YDAA-025H/-035H-09M25

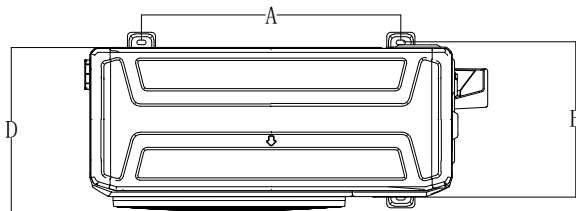
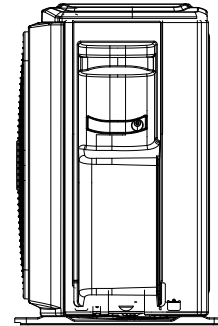
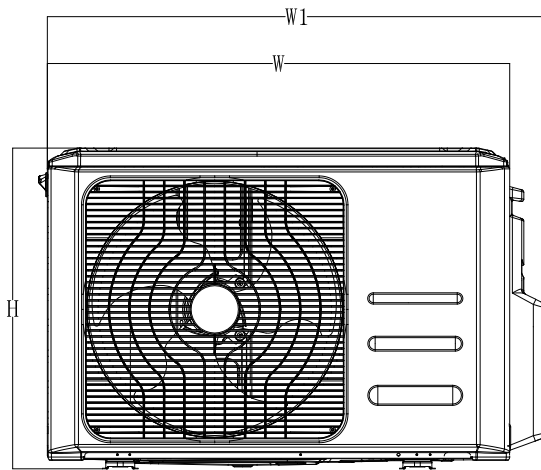


YDAA-050H-09M25



YDAA-070H-09M25

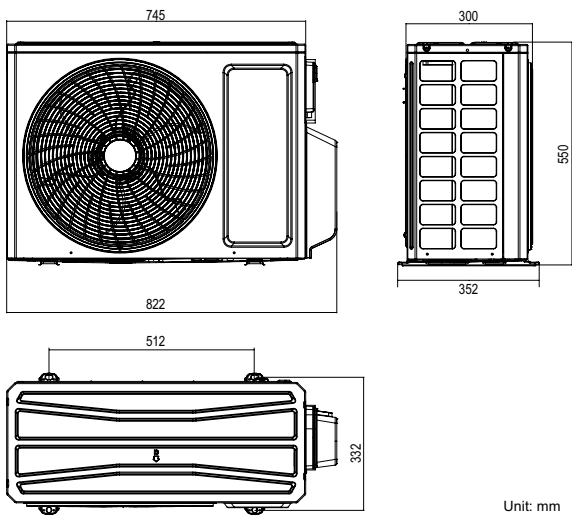


ZDAA - MULTISPLIT

DIMENSIONS (mm)

MODEL	W	D	H	W1	A	B
ZDAA-2040-09M25	805	330	554	877	511	317
ZDAA-2050-09M25	805	330	554	877	511	317
ZDAA-3080-09M25	890	342	673	990	663	354
ZDAA-4090-09M25	946	410	810	1034	673	403
ZDAA-5130-09M25	946	410	810	1034	673	403

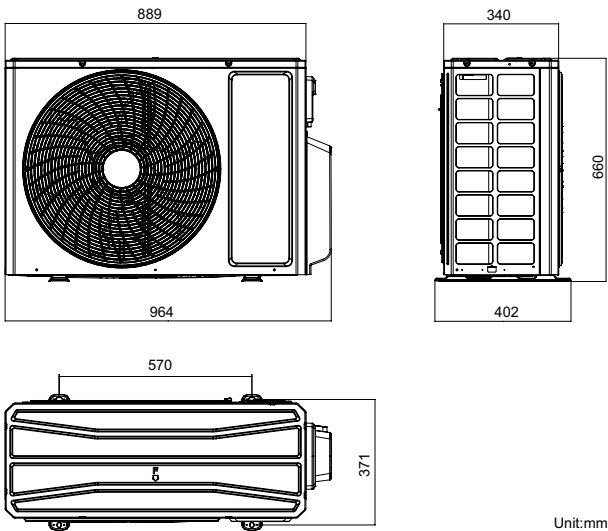
ZDAE - MULTISPLIT

ZDAE 2040-2050



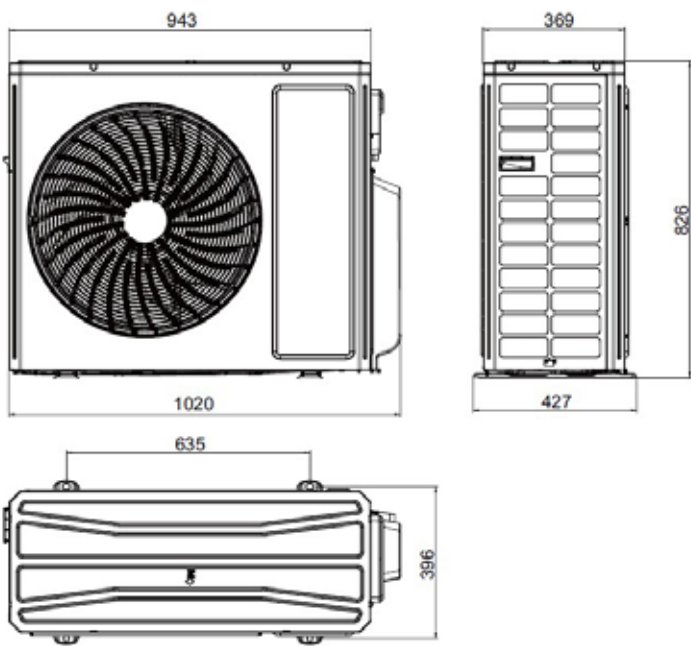
Unit: mm

ZDAE 3060-3070-4080



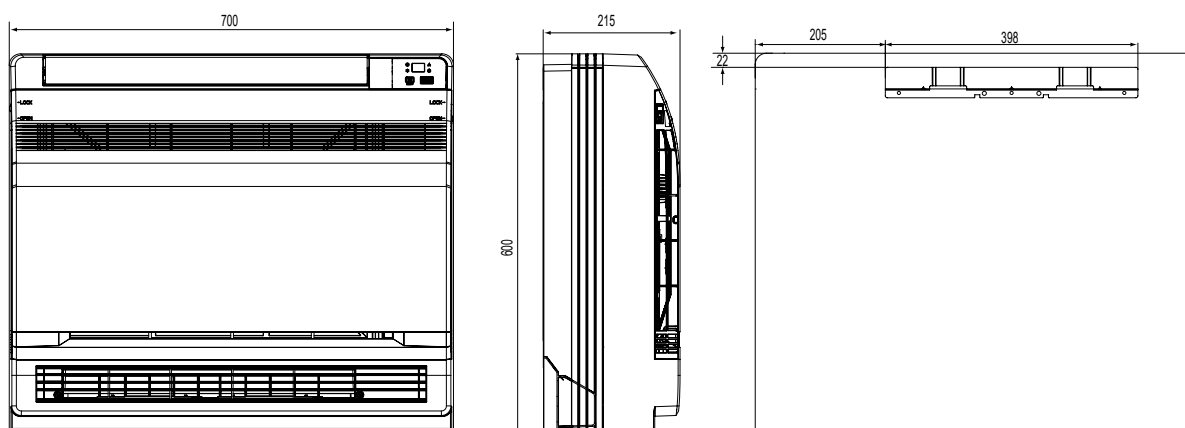
Unit:mm

ZDAE 5130

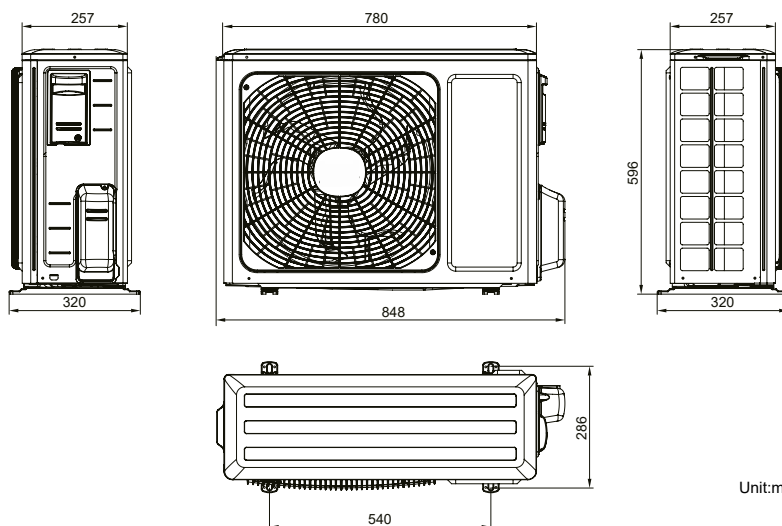


XDLF / YDAF - DUAL-FLOW CONSOLE

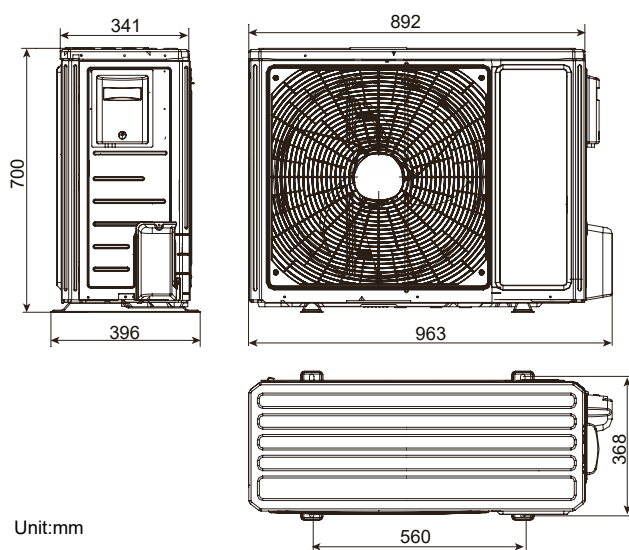
XDLF



YDAF 035R

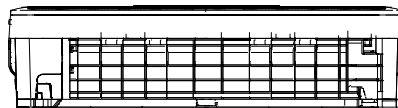
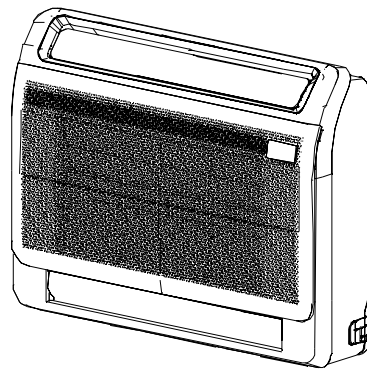


YDAF 050R



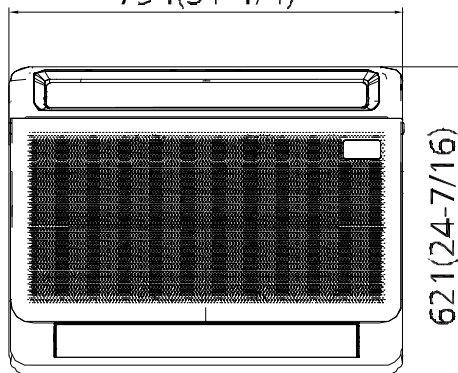
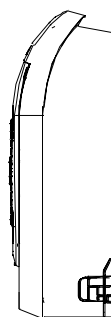
XDMX - DUAL-FLOW CONSOLE

XDMX

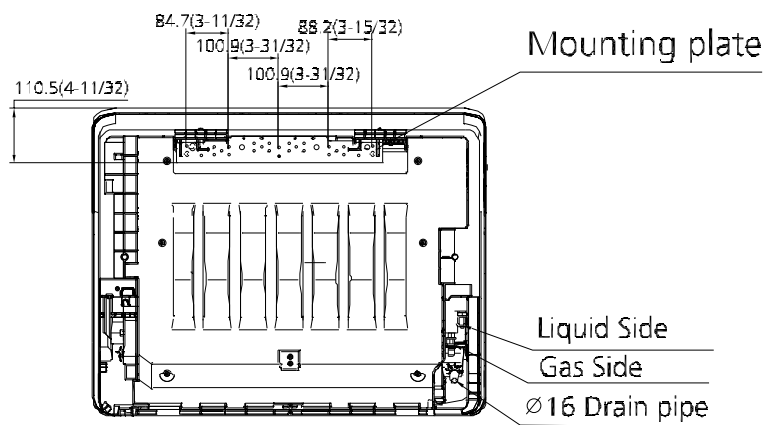
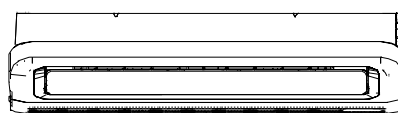
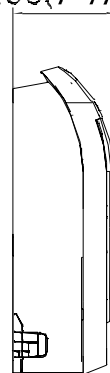


794(31-1/4)

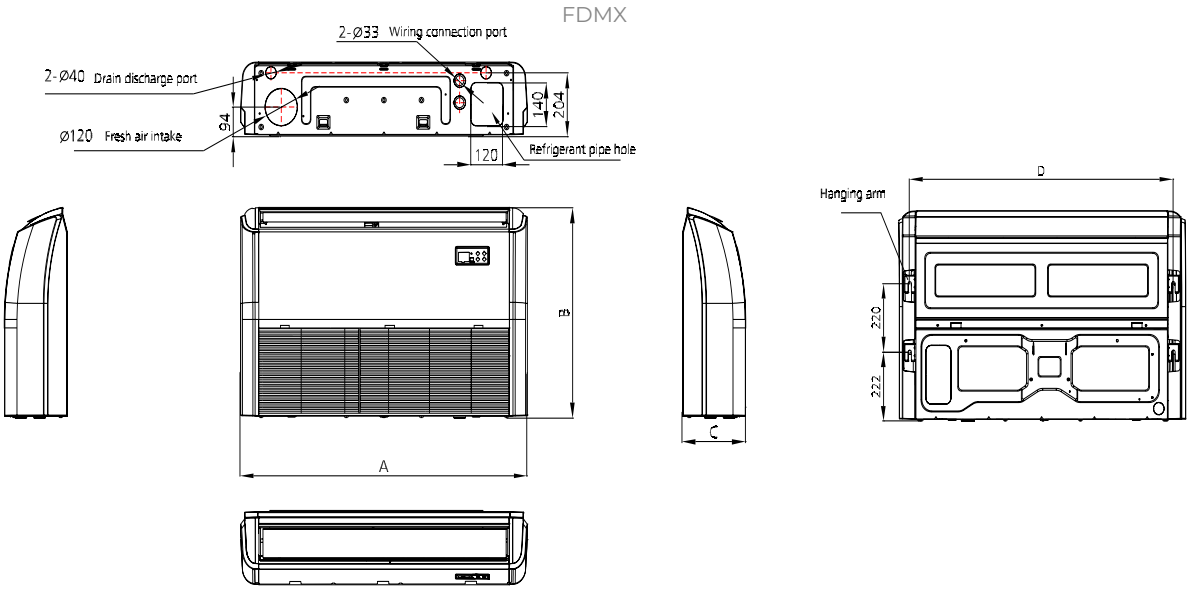
200(7-7/8)



621(24-7/16)



FDMX - FLOOR CEILING

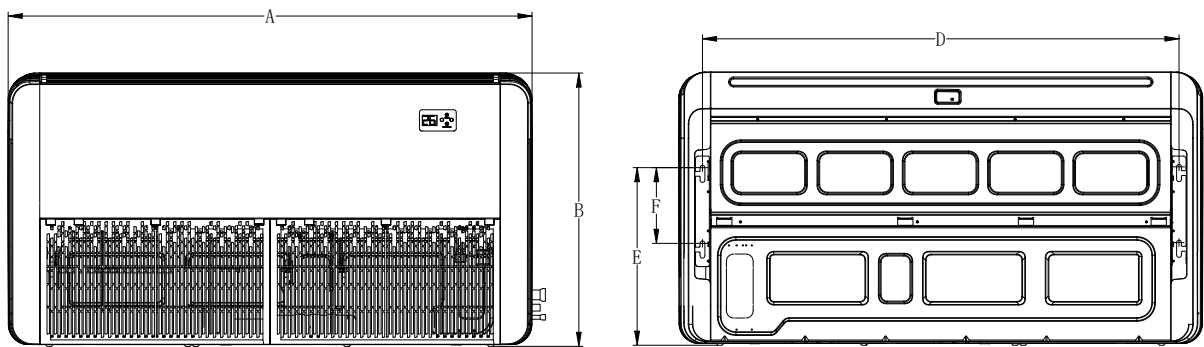


DIMENSIONS (mm)

MODEL	A	B	C	D
050N-070N	1068	675	235	983
100N-140N-175N	1650	675	235	1565

FDLK / YDAK - LOW-TEMPERATURE FLOOR CEILING

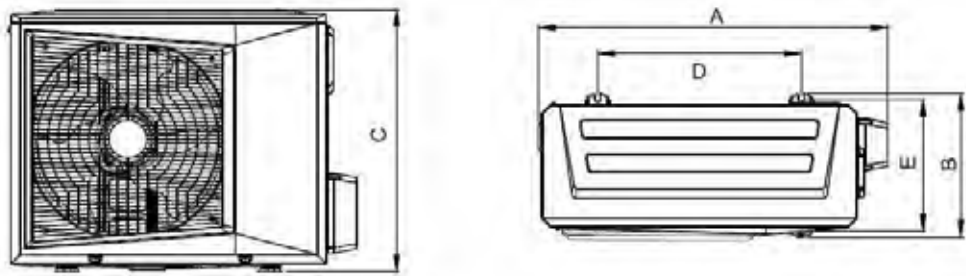
FDLK



DIMENSIONS (mm)

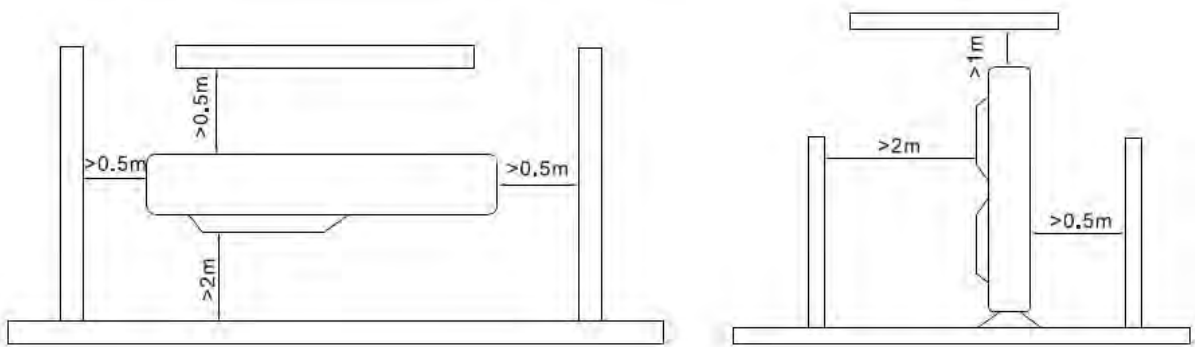
A	B	C	D	E	F
1050	675	235	933	440	188

YDAK 035H

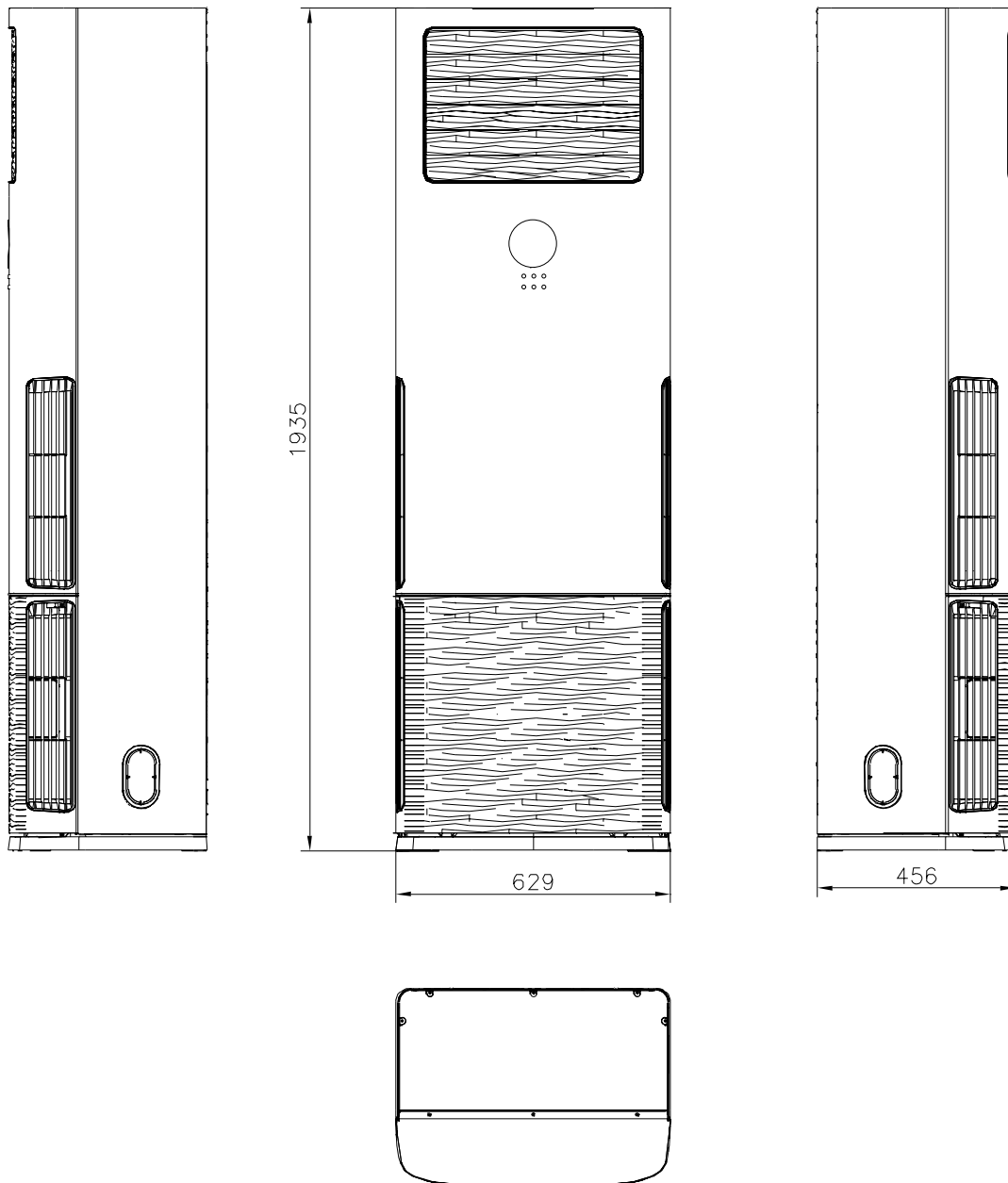


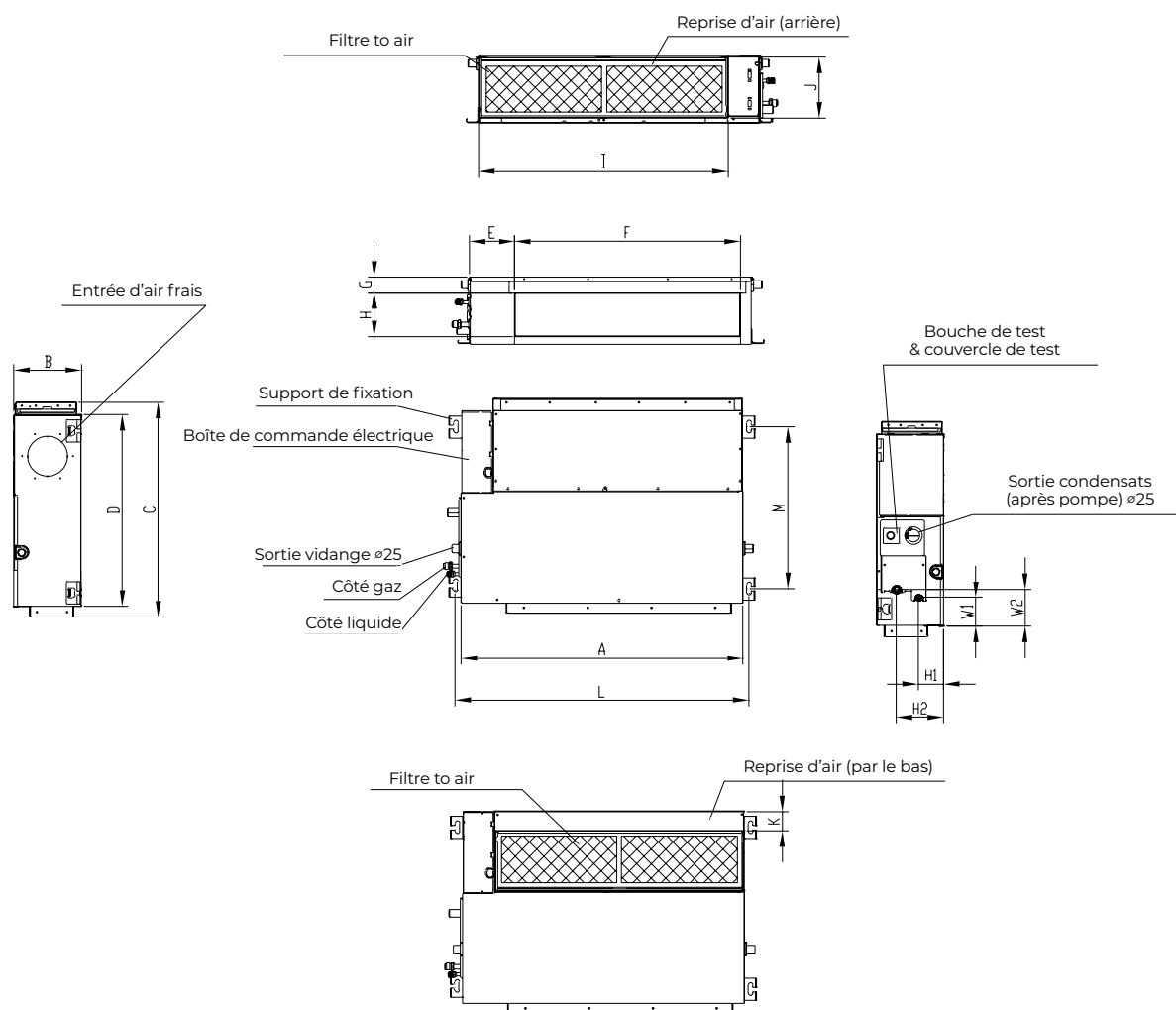
DIMENSIONS (mm)

MODEL	A	B	C	D	E
050N	880	345	555	508	314
070N	935	382	702	544	353



SDMX - FLOOR STANDING



DDMX - MEDIUM-PRESSURE DUCTED

DIMENSIONS (mm)

MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
022N-035N	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
050N	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
070N	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
90N-100N	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
140N-175N	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210

JDAА AIRFLOW - THERMODYNAMIC DUAL-FLOW CMV



Fresh air intake



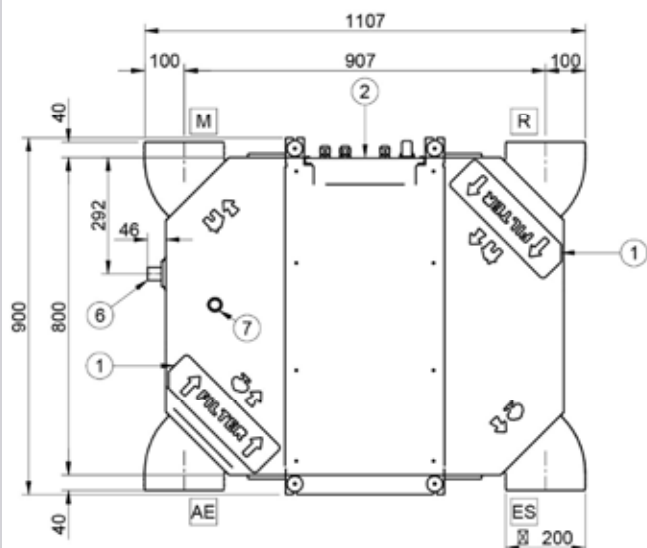
Ambient air exhaust



Fresh air supply

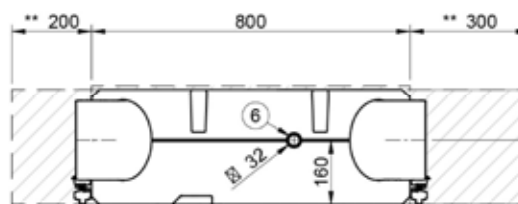
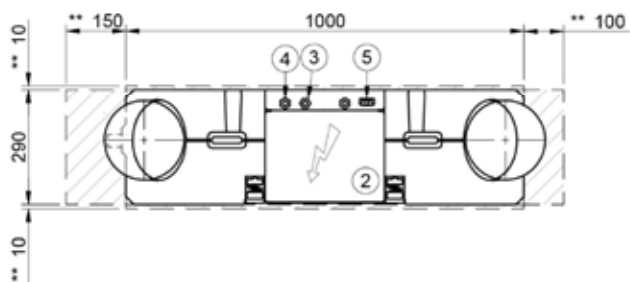


Ambient air intake

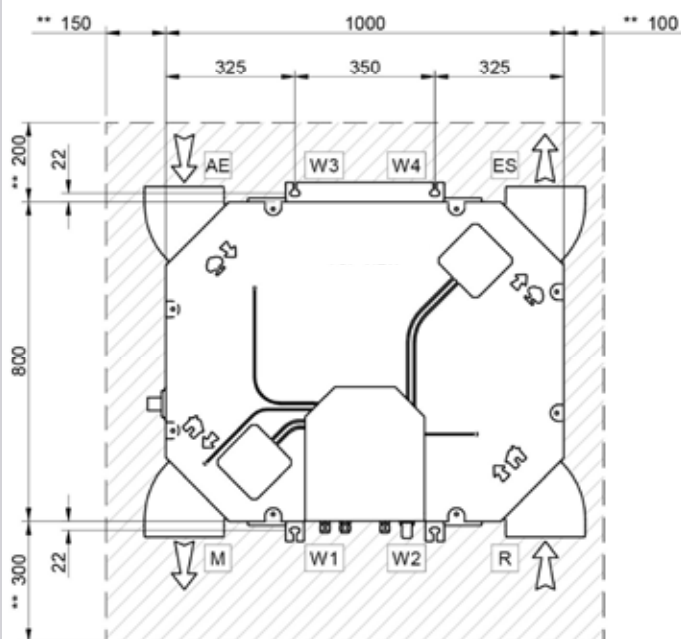


N° DESCRIPTION

N°	DESCRIPTION
1	Removable panel for accessing the air filter
2	Electrical panel
3	Electrical connection
4	Remote control connection
5	Auxiliary connection
6	Condensate drain outlet
7	Emergency drain
W	Fastening points
AE	Fresh air intake
ES	Ambient air exhaust
M	Fresh air supply
R	Ambient air intake



** Minimum servicing space

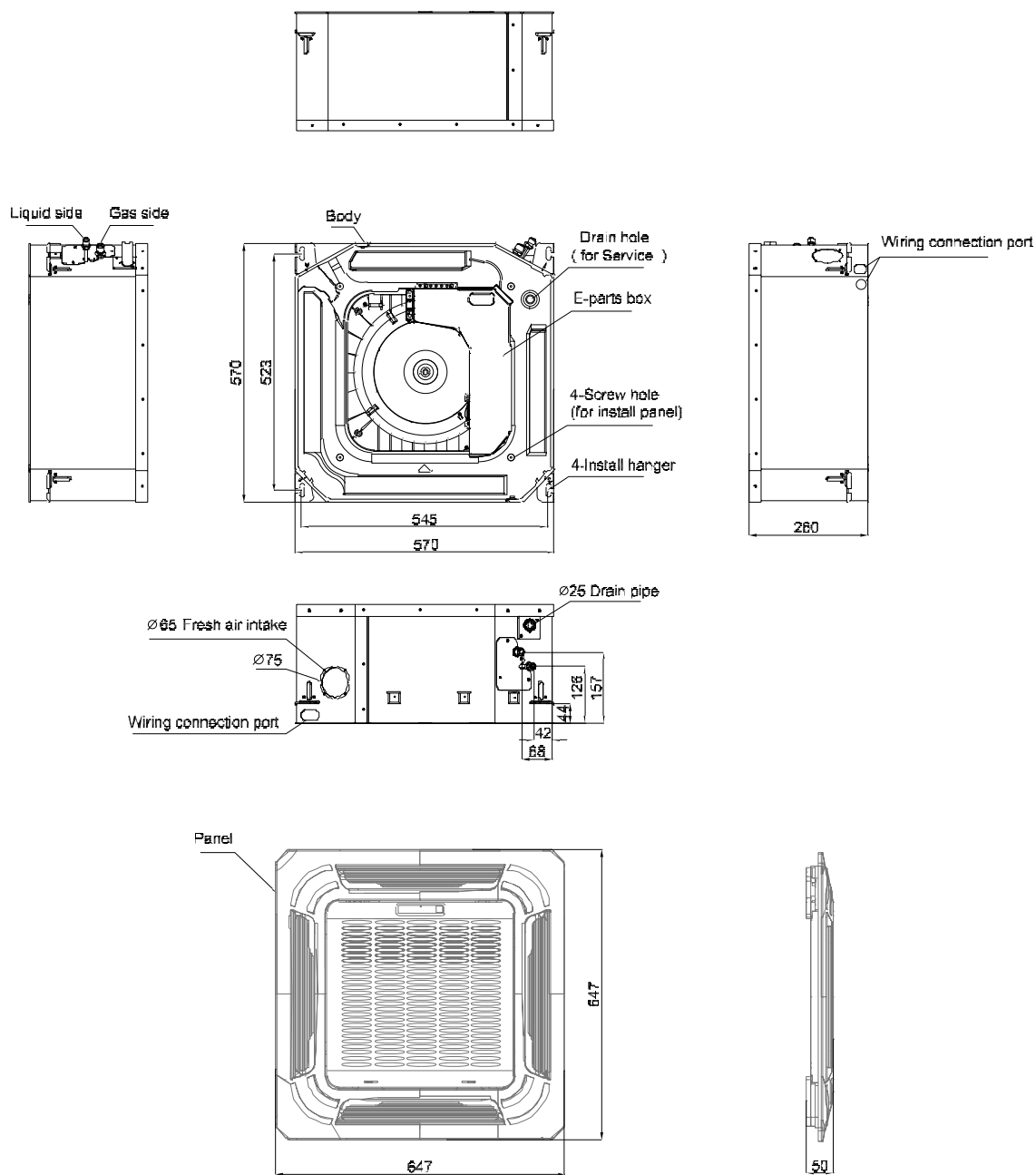


WEIGHT DISTRIBUTION (KG)

Unit configuration	Unit shipping weight	Weight during operation
Installation in suspended ceiling	73	44
Exposed installation	89	60

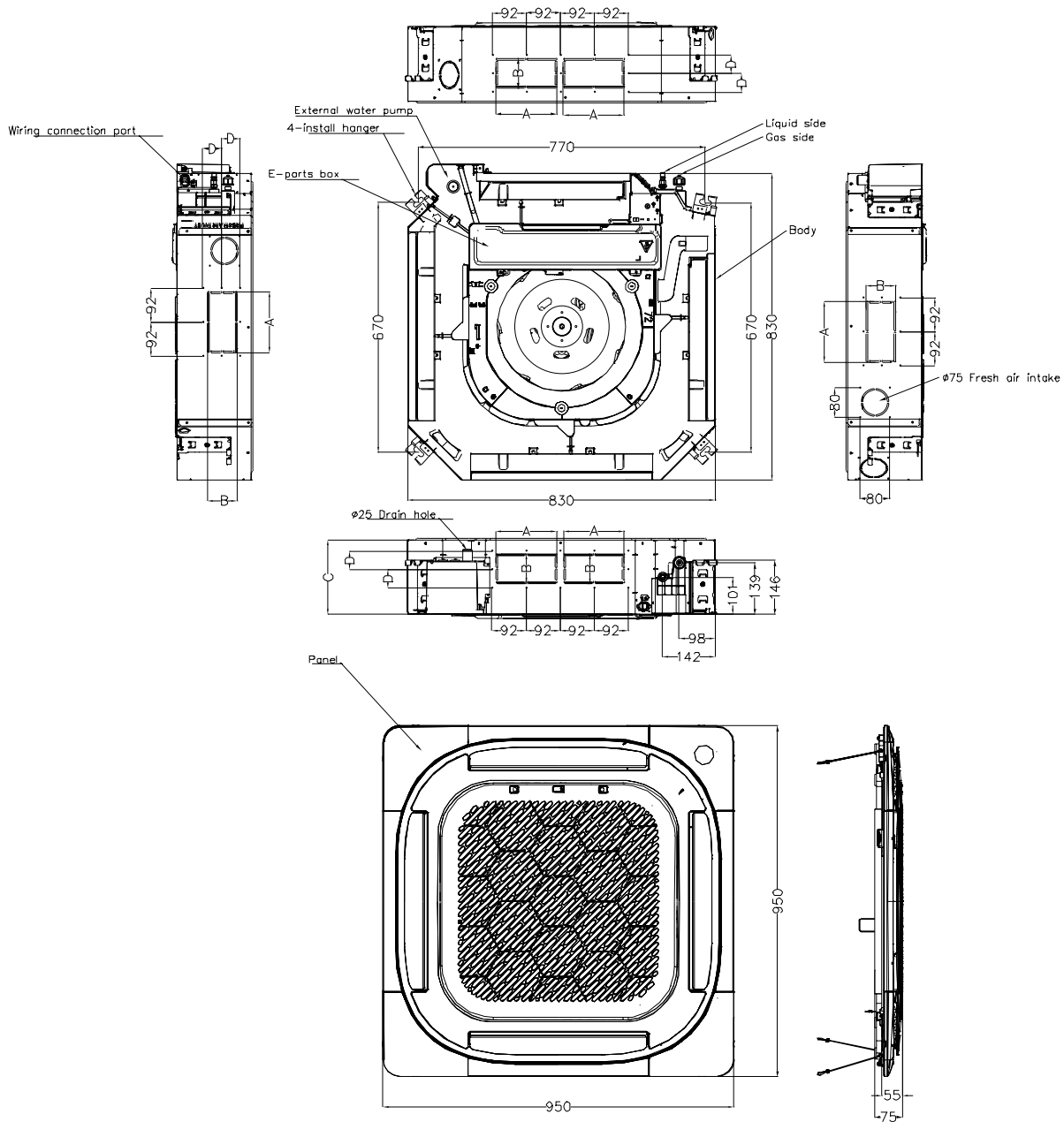
CDMX - 360° CASSETTE

CDMX 022N-025N-035N-050N



CDMX - 360° CASSETTE

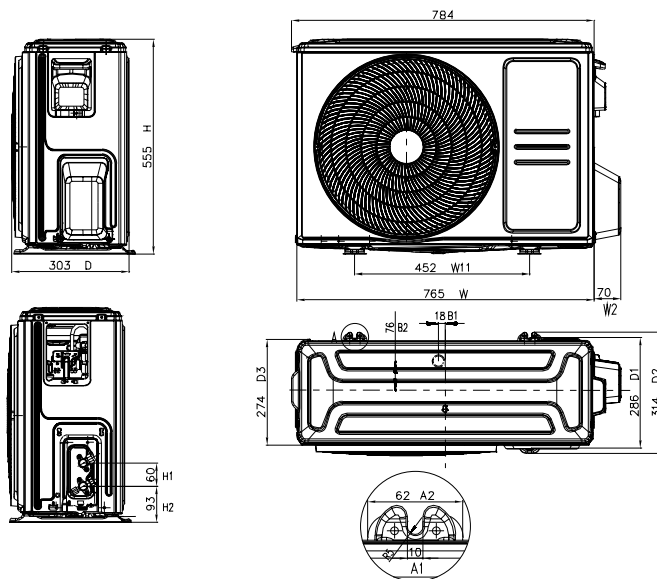
CDMX 070N-100N-140N


DIMENSIONS (mm)

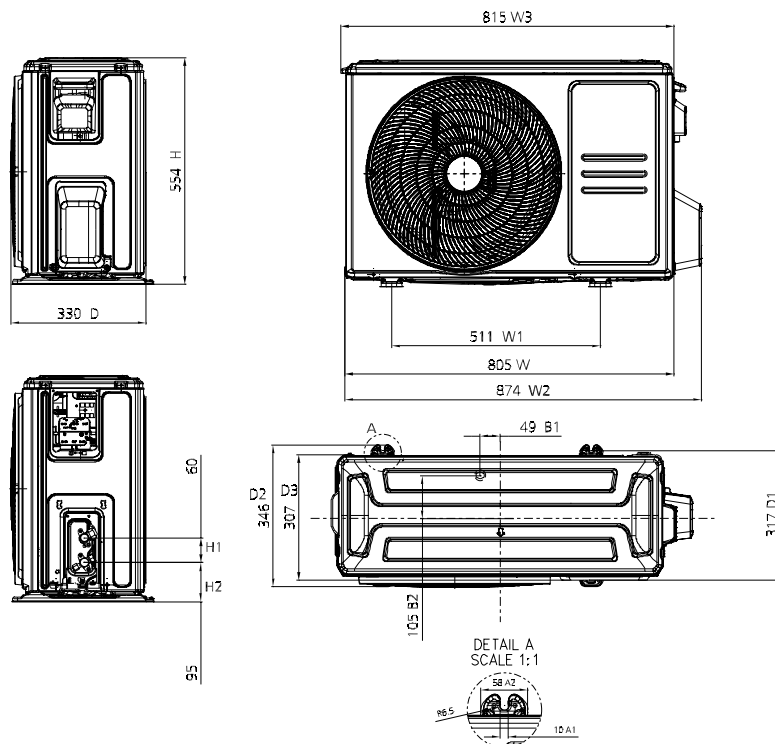
MODEL	A	B	C	D
070N	165	80	205	50
100N	165	100	245	60
140N	165	100	287	60

YDAX - OUTDOOR UNITS

YDAX 035H

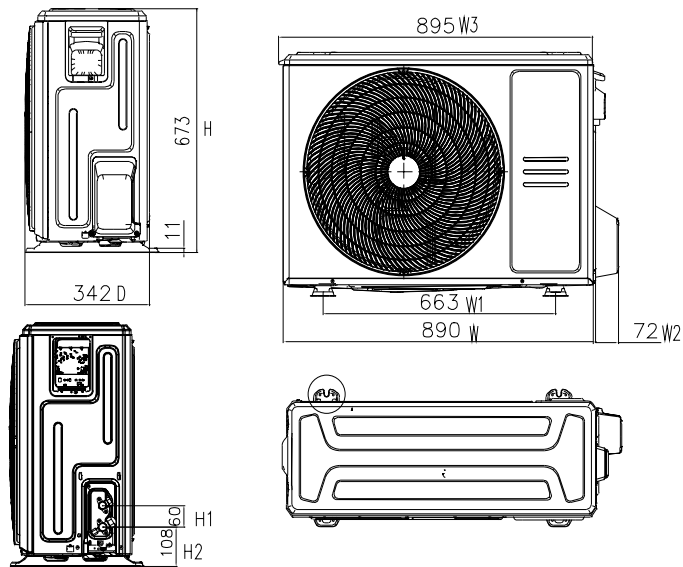


YDAX 050H

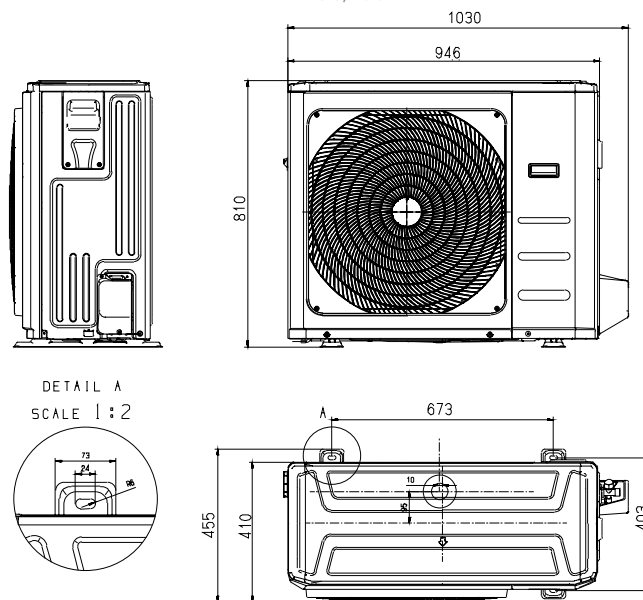


YDAX - OUTDOOR UNITS (next)

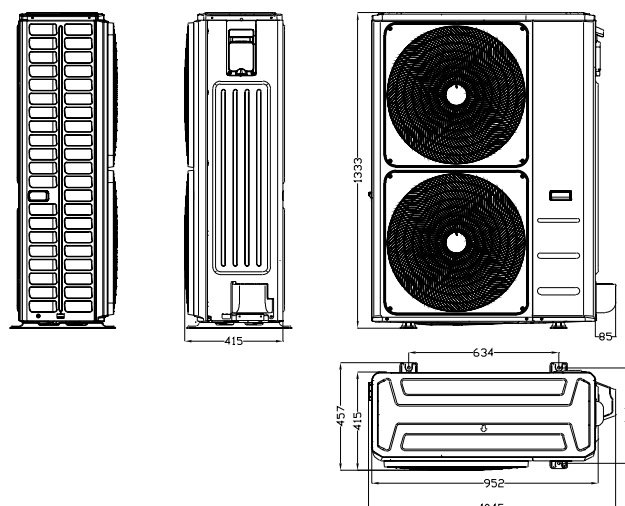
YDAX 070H



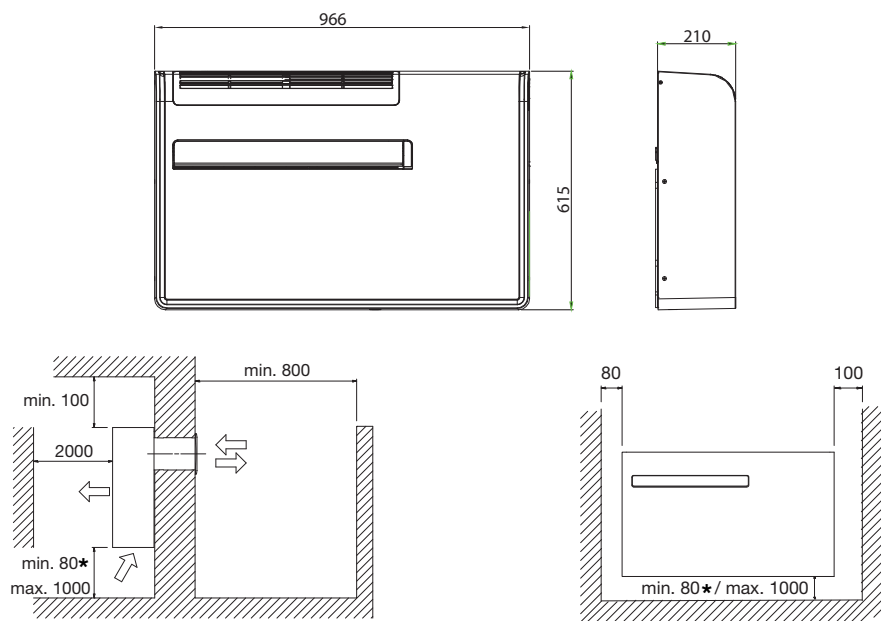
YDAX 90/100H



YDAX 140H



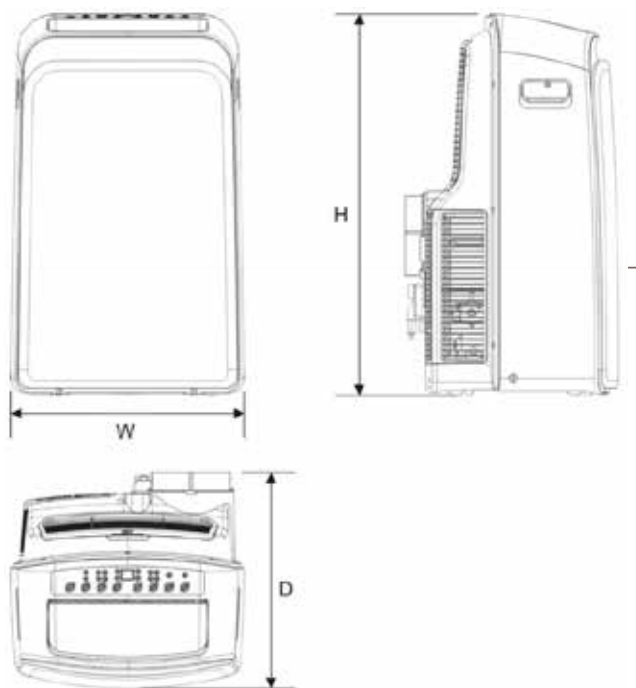
XDAW - MONOBLOCK CONSOLE



Unit: mm

* Warning! To facilitate the condensate drain from the service cap, however, it is advisable to install the unit at a minimum height of 300 mm.

MFH - MOBILE

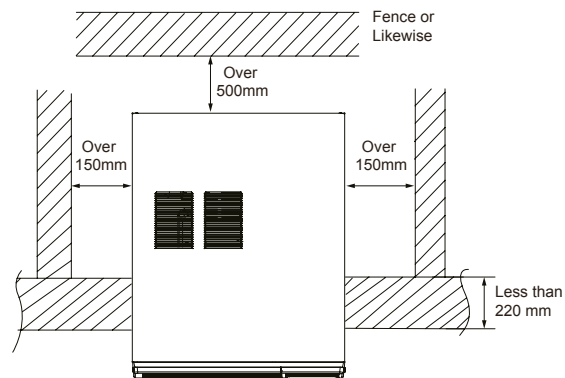
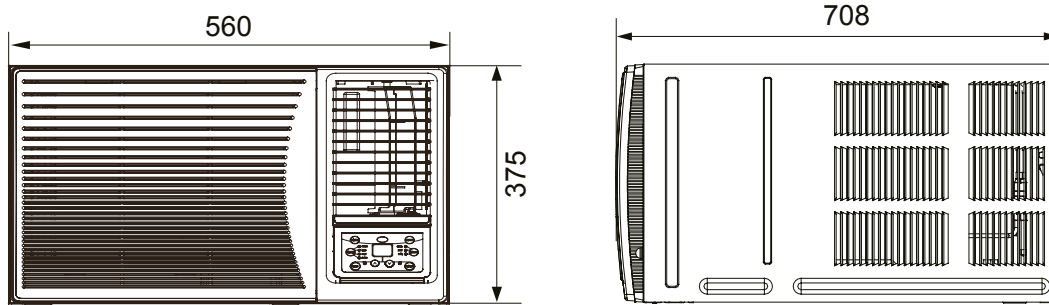


WEIGHT (kg) & DIMENSIONS (mm)

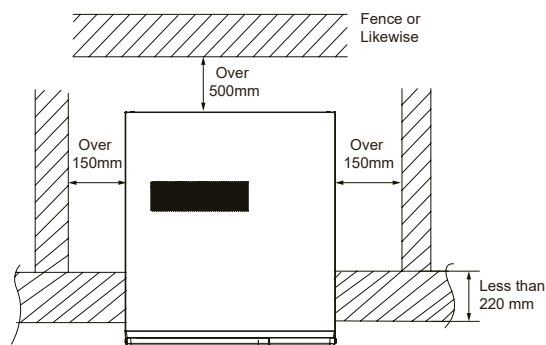
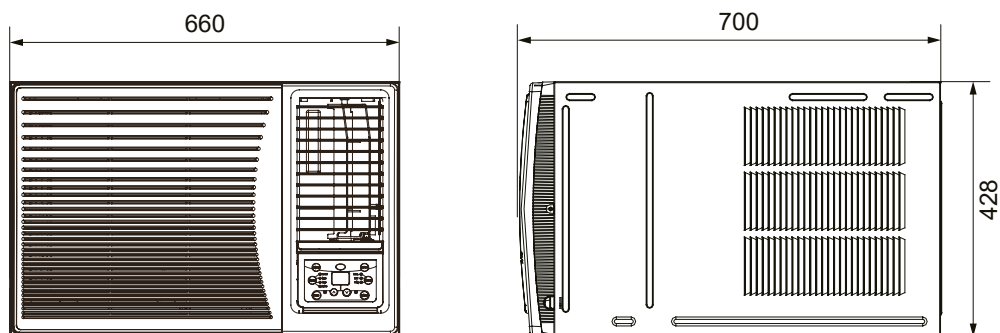
MODEL	POIDS	W	H	D
MFH010	31,8	467	765	397
MFH012	33	467	765	397

WFAE - WINDOW

WFAE 025C

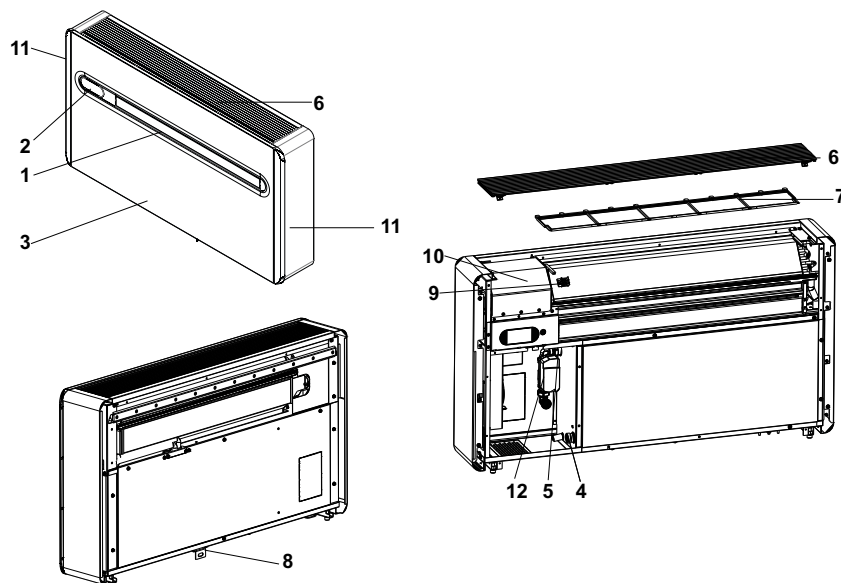


WFAE 035C



Note: There must be no barriers within 1m in front of it.

XDOW - WATER-COOLED CONSOLE



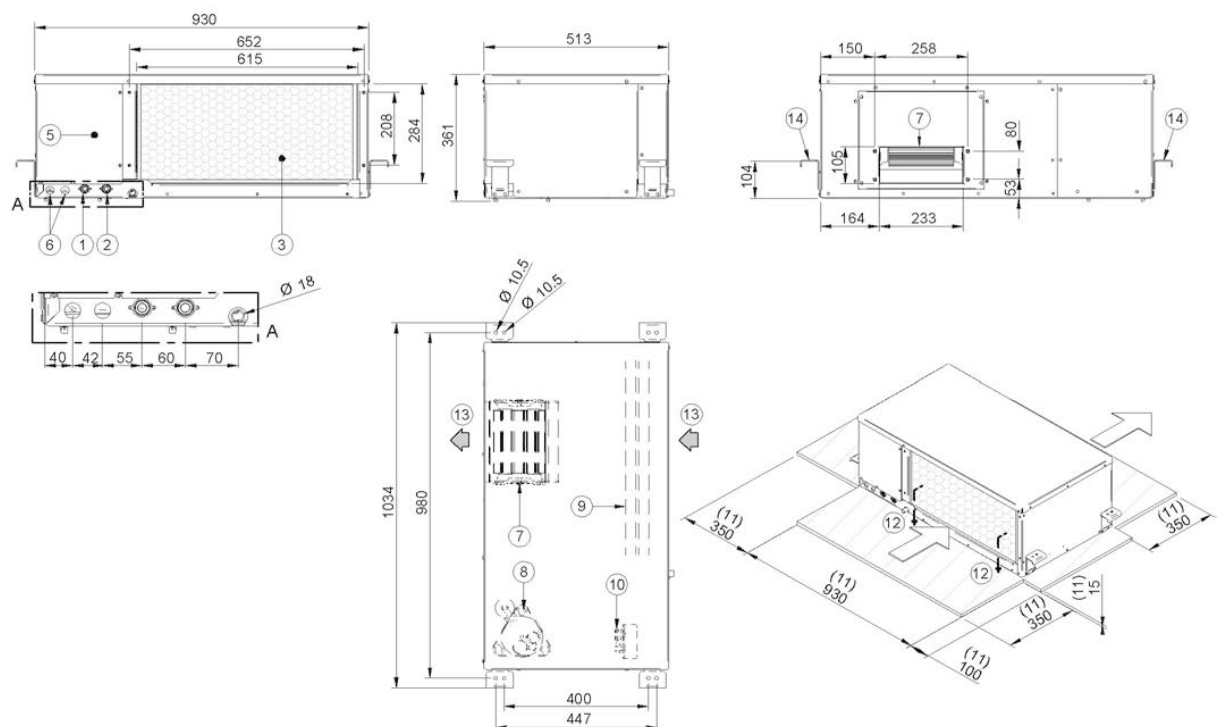
N° DESCRIPTION

1	Ventilation flap
2	Control touchscreen
3	Front panel
4	Water inlet (Eurokonus M 3/4")
5	Water outlet (Eurokonus M 3/4")
6	Air intake grille
7	Air filter
8	Anti-uplift fastening
9	Ambient temperature sensor
10	Switch box
11	Side panel
12	Modulating valve (water side)

DFMO 22 TO 41 - WATER-LOOP HEAT PUMP

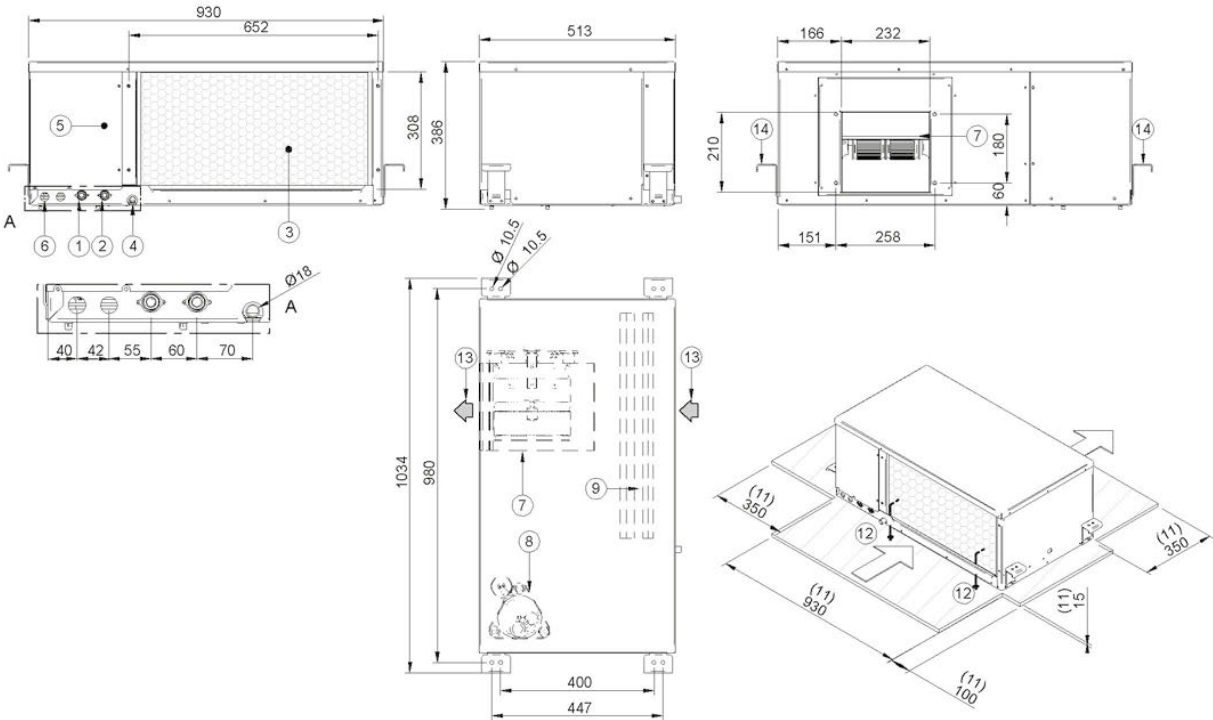
N°	DESCRIPTION	N°	DESCRIPTION
1	Standard unit water inlet (female)	8	Compressor
2	Standard unit water outlet (female)	9	Direct expansion exchanger
3	Air filter	10	Plate exchanger
4	Condensate drain Ø 15 mm	11	Functional spaces
5	Electrical panel	12	Filter extraction (provide for the space to access the filter)
6	Power input	13	Airflow
7	Fan	14	Fixing brackets

DFMO 022N-035N



DFMO 22 TO 41 - WATER-LOOP HEAT PUMP (NEXT)

DFMO 041N



TECHNICAL DATA

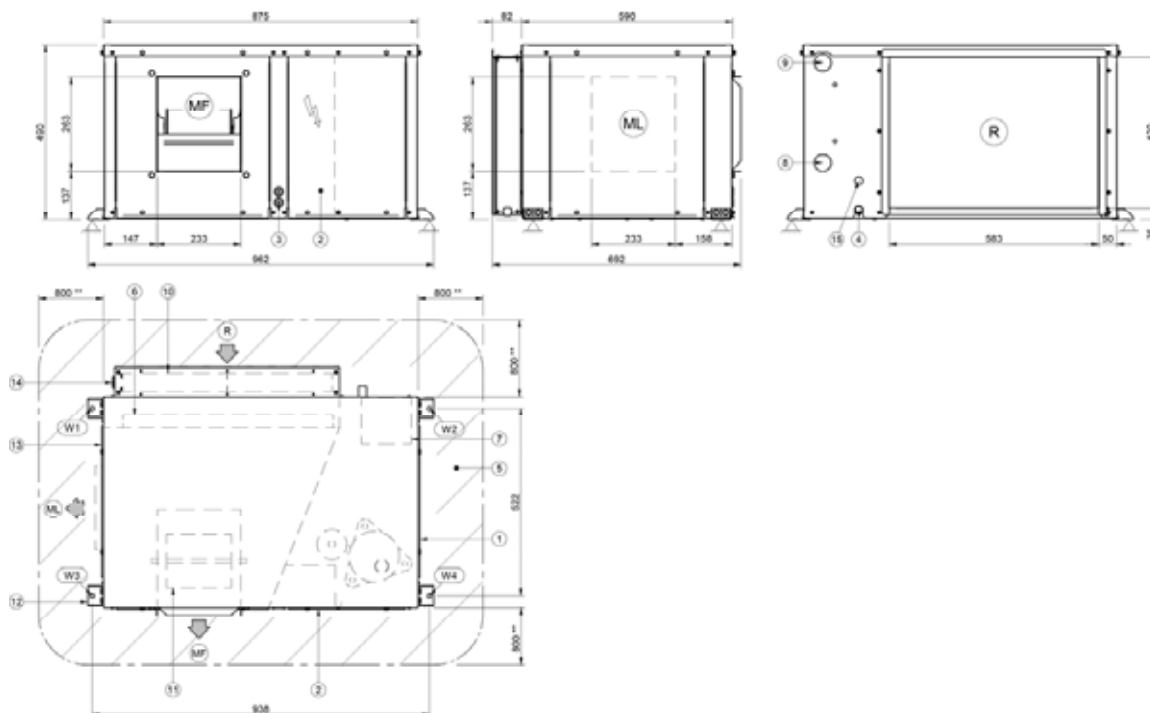
MODEL		DFMO-022N-01M25	DFMO-031N-01M25	DFMO-041N-01M25
A (Lenght)	mm	1034	1034	1034
B (Height)	mm	361	361	386
C (Depth)	mm	513	513	513
Weight	kg	71	74	82
Standard unit water fittings	inches	1/2"	1/2"	1/2"

DFMO 45 TO 250 - WATER-LOOP HEAT PUMP

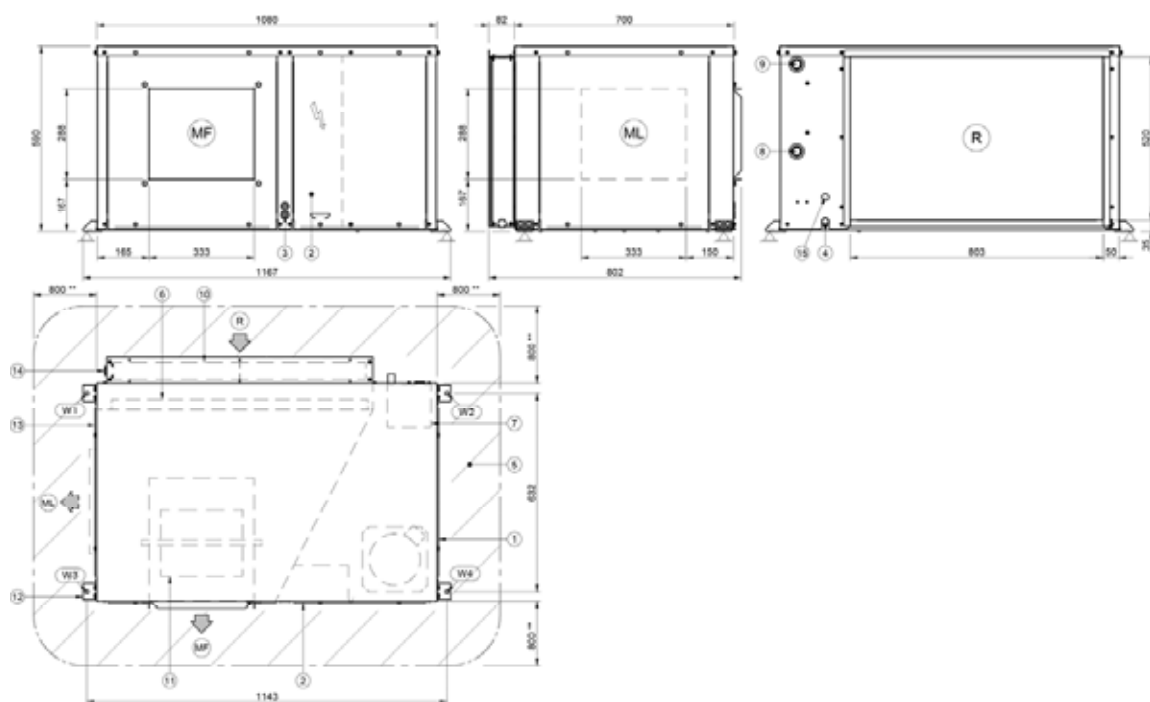
N° DESCRIPTION

1	Compressor enclosure	8	Plate exchanger water input 1"	15	15 Hidraulic circuit valve connection
2	Electrical panel	9	Plate exchanger water output 1"	R	Air inlet
3	Power input	10	Air filters	MF	Front air supply
4	Condensate drain	11	Electric fan (supply-return)	ML	Lateral air supply
5	Functional spaces	12	Lifting bracket	**	Minimun suggested clearance
6	Treatment coil	13	Coil - electric fan inspection		
7	Plate exchanger	14	Filters inspection		

DFMO 045N-080N

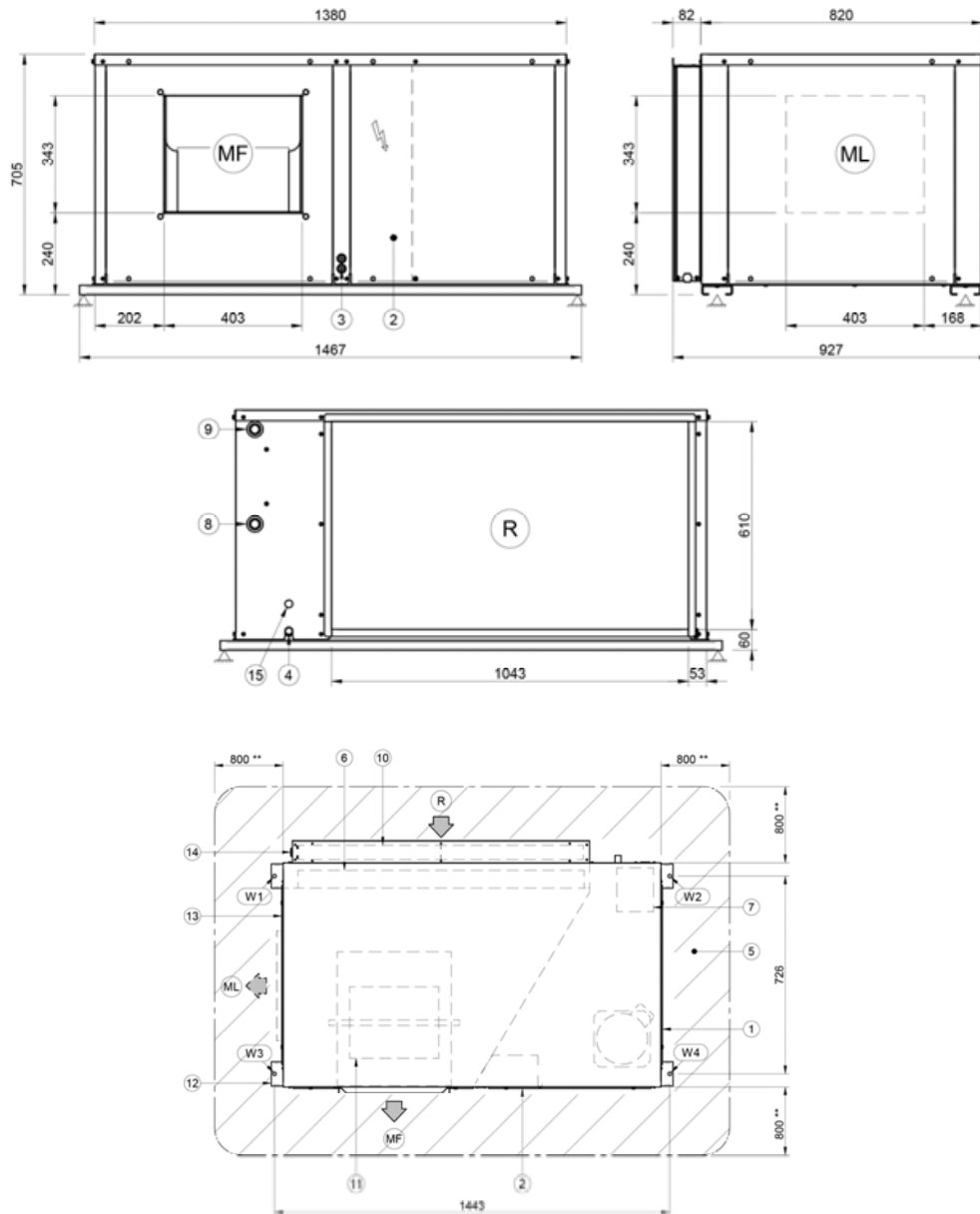


DFMO 100N-170N



DFMO 45 TO 250 - WATER-LOOP HEAT PUMP (NEXT)

DFMO 250N


TECHNICAL DATA

MODEL		DFMO-045N-01M25	DFMO-080N-01M25	DFMO-100N-01M25	DFMO-170N-01T35	DFMO-250N-01M25
Lenght	mm	962	962	1167	1167	1467
Height	mm	490	490	590	590	705
Depth	mm	692	692	802	802	927
Operation weight	kg	98	103	138	151	200
Shipping weight	kg	102	107	143	156	225
Weight distribution						
W1 Support point	kg	22	24	31	34	37
W2 Support point	kg	25	25	36	39	54
W3 Support point	kg	24	26	33	36	52
W4 Support point	kg	27	28	38	42	57

Installation accessories

ACCESSORY	REFERENCE	PICTURE	PART NUMBER	FUNCTION
COPPER				
Insulated Copper M1	1/4"-3/8" - 10ml		7ACFH0810	Refrigerant tubing to connect outdoor unit with indoor unit (monosplit and multisplit).
	1/4"-1/2" - 10ml		7ACFH0811	
	3/8"-5/8" - 10ml		7ACFH0812	
	1/4"-3/8" - 7ml		7ACFH0813	
	1/4"-1/2" - 7ml		7ACFH0814	
	3/8"-5/8" - 7ml		7ACFH0815	
OUTDOOR UNIT BRACKETS				
Wall bracket	max. load 160 kg Horiz. 560 mm Vert. 365 mm Barre 800 mm		7ACTL0506	Bracket for outdoor unit installation (monosplit and multisplit).
Anti-corrosion wall bracket	max. load 160 kg Horiz. 460 mm Vert. 410 mm Barre 790 mm		7ACTL0555	- Bracket for outdoor unit installation (monosplit and multisplit). - Screws and bolts + anti-vibration mounts supplied
4 anti-vibration pads (kit)			7ACTL0508	Idéal for limiter le bruit and les vibrations (voisinage)
Floor mount recycled rubber (pair)	length 600 mm		7ACTL0509	- Necessary for a professional installation. - High quality: using rubber.
	Length 1000 mm		7ACTL0510	
Floor mount (pair)	450x100 mm		7ACTL0513	- Necessary for a professional installation. - Good quality price ratio: using PVC.
CONDENSATE PUMP				
Condensate pump Mini Flowatch MF2			7ACTL0517	Evacuates condensates from indoor units.
Condensate pump FlowatchDesign (gutter)			7ACTL0518	Evacuates condensates from indoor units.



Regulations ON R410A FLUID CONCENTRATION

CALCULATION EXAMPLE

Classic case of a hotel, i.e. a category "A" building.

THE PROJECT/EXAMPLE CHARACTERISTICS ARE:

- ▶ Typical 2-3* hotel.
- ▶ VRF system designed to supply 12 to 16 rooms.
- ▶ Outdoor unit model 280 (10 HP).
- ▶ Reversible VRF that can supply up to 16 units.
- ▶ 11 kg of R410A refrigerant recommended.
- ▶ Smaller bedroom, bathroom included: 13 m² > volume = 32.50 m³.
- ▶ CMV ventilation of 60 m³/h, i.e. 10 m³ in 10 minutes.

THIS GIVES THE FOLLOWING CALCULATION:

- ▶ Room volume to take into account:
 $32.50 + 10 = 42.50 \text{ m}^3$.
- ▶ **MAXIMUM LOAD UNDER THE STANDARD:**
 $0.44 \text{ kg/m}^3 \times 42.5 \text{ m}^3 = 18.7 \text{ kg of refrigerant}$
- ▶ Since the calculation is determined for the room with the smallest volume, the total refrigerant capacity of the installation must be taken into account:
 - Outdoor unit (11 kg) + network backup.
 - The network back-up is calculated according to the lengths and diameters of the copper piping used. See refrigeration diagram.
- ▶ **MAXIMUM PROJECT LOAD CALCULATION:**
 $11 \text{ kg} + (4.520 \text{ kg}) = 15.520 \text{ kg of refrigerant}$

Compliant with regulations

LENGTH			
1 inch (in)	0.0254 m		
1 foot (ft)	12 inches	0.3048 m	
1 yard (yd)	3 feet	0.9143 m	
1 mile (mi)	1.760 yards	1609 m	
1 nautical mile (nmi)	1852 m		
1 meter (m)	39.37 inches	3.28084 feet	1.09361 yard

MM	INCHES
6.35	1/4
9.52	3/8
12.70	1/2
15.88	5/8
19.05	3/4
22.22	7/8
25.40	1
28.58	1 1/8
31.75	1 1/4
38.10	1 1/2

VOLUME	
1 cubic inch (cu in)	16.387064 cm ³
1 cubic foot (cu ft)	0.028317 m ³ /28.31685 dm ³
1 cubic yard (cu yd)	0.76455 m ³
1 pint	0.568 l
1 gallon-imp	4.546 l
1 gallon (US gal)	3.78541 l or dm ³
1 cubic meter (m ³)	35.31467 cu ft
1 cubic decimeter (dm ³)	0.26428 gal
1 liter (l)	1 dm ³

HP (HORSE POWER) *	BTU	KW
1	9000	2.637
1.5	12000	3.516
2	18000	5.274
2.5	24000	7.032
3	30000	8.79
5	45000	13.185

MASS VOLUME	
1 cu.ft/lb	62.43 dm ³ /kg
1 US gallon/pound	8.3 dm ³ /kg

DENSITY	
1 pound/cu.ft	0.016 kg/dm ³

MASS		
1 ounce (oz)	28.349 g	
1 pound (lb)	16 oz	0.4536 kg
1 quintal U.S	100 lbs	
1 centweight	112 lbs	
1 short ton (US)	2000 lbs	907.18 kg
1 long ton (GB)	2240 lbs	1016.04 kg
1 quintal (q)	100 kg	
1 tonne (t)	1000 kg	

AREA		
1 square inch (in ²)	6.4516 cm ²	
1 square foot (ft ²)	0.0929 m ²	
1 square yard (yd ²)	0.8361 m ²	
1 square meter (m ²)	1550 in ²	10.76391 ft ²

ENERGY - HEAT QUANTITY		
1 cal	4.18 joules	
1 Btu	0.252 kcal	1055 joules
1 Btu/lb.°F	1 kcal/kg °C	
1 kcal	1 millithermie	
1 fg/h	-1 kcal/h	
1 kcal/h	1.163 W	
1 Btu/h	0.293 W	
1 ton (US)	3024 kcal/h	3512 W
1 ton (GB)	3340 kcal/h	3878 W
1 watt (thermic)	0.86 kcal/h	

° Fahrenheit = °C x 9/5 + 32 / ° Celsius = (°F-32) x 5/9 / ° Celsius = T (Kelvin) - 273.15.
 * Indicative values

Rated capacities of our products are given for air conditions as following:
 Cooling mode: 35°C out/27°C in (Dry bulb)
 Heating mode: +7°C out/20°C in (Dry bulb)

PRODUCT Naming system

Discover below some tips to decipher our references and product codes more quickly.

1 ► UNDERSTANDING PRODUCT CODES

DIGIT N° 1	DIGIT N° 2 & 3 Product constitution	DIGIT N° 4 & 5 subfamily
2	AirSolar	VF VRF
7	Airwell	OG Chilled water terminal
E	Electra	KT Kit
J	Johnson	MB Monoblock
		SP Split (2 units)
		CK Unassembled product
		PR Spare part
		EN Renewable energy
		01 Floor ceiling
		02 High wall
		03 Ducted
		04 Cassette
		05 Window
		06 Monosplit condensing unit
		07 Console
		08 Portable
		09 Multisplit condensing unit
		10 Floor standing
		11 Airflow
		12 Rooftop unit
		13 Hydraulic module
		17 Thermodynamic water heater
		18 Vertical cabinet
		14 Monoblock condensing unit
		15 VRF water source
		19 Water source
		20 Water condenser
		21 Water-cooled condensing unit
		22 Hybrid panel
		23 Photovoltaic panel
		24 Heating panel
		25 Micro-inverter

2 ► UNDERSTANDING ACCESSORY CODES

DIGIT N° 1	DIGIT N° 2 & 3	DIGIT N° 4 & 5 (& 6)
7	Airwell assembled product	AC Accessories
		EL Electricity kit - Heating
		ELH Electricity kit - Heating / VRF
		FH Cold & hydraulic kit
		FHH Cold & hydraulic kit / VRF
		TL Sheeting Kit / Casing & Metal sheet Kit
		VF Fan & airflow kit
		VFH Fan & airflow / VRF kit

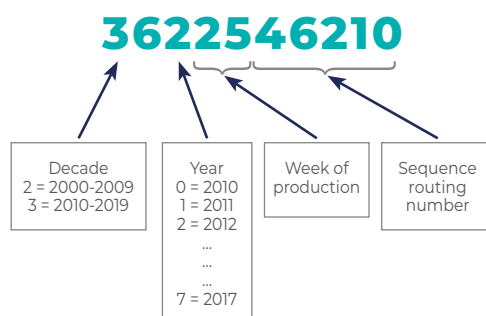
3 ► UNDERSTANDING PRODUCT REFERENCES

See the table below to help you understand the new product naming system.

TYPE	TECHNOLOGY	PRODUCT POSITIONING / IDU	UPGRADE	SIZE (kW)	MODE	REFRIGERANT	PHASE (current type)	POWER SUPPLY	ELECTRICAL FREQUENCY
B Monoblock condensing unit	D DC Inverter	L Entry level	W 1 st upgrade	015 5000BTU / 1.5 kW	N Neutral	01 R410A	M Single-phase	1 110 V	5 50 Hz
C Cassette	F Fix RPM	M Medium level	X 2 nd upgrade	022 7000BTU / 2.2 kW	T Triple-service	02 R407C	T Three-phase	2 220-230 V	6 60 Hz
D Ducted	V VRF	H High-end	Y 3 rd upgrade	025 9000BTU / 2.5 kW	C Cooling only	03 R134A		3 380-400 V	2 50Hz/60Hz
F Floor ceiling	N Neutral	VEHICLE OF EXCHANGE / ODU	Z 4 th upgrade	035 12000BTU / 3.5 kW	R Reversible	04 R290		4 460 V	
H High wall		A Air / Air		050 18000BTU / 5 kW	H Heating only	05 CO ₂			
J Ventilation		H Air / Water		060 21000BTU / 6 kW	M Monocrystalline	06 R22			
M Portable		W Water / Water		070 24000BTU / 7 kW	P Polycrystalline	07 R410a + R32			
O Hydraulic module		O Water / Air		080 27000BTU / 8 kW		08 H ₂ O			
P Vertical cabinet				090 30000BTU / 9 kW		09 R32			
R Rooftop				100 36000BTU / 10 kW		10 Solar			
S Floor standing				120 42000BTU / 12 kW					
T Thermodynamic water heater				140 48000BTU / 14 kW					
V Condensing unit VRF				150 50000BTU / 15 kW					
W Window				160 55000BTU / 16 kW					
X Console				170 58000BTU / 17 kW					
Y Monosplit condensing unit				300 30 kW					
Z Multisplit condensing unit				...					

4 ► UNDERSTANDING SERIAL NUMBERS

Each unit (IDU or ODU) is also identify with a unique serial number which can assist tracing the unit.



THE AIR CONDITIONING

Sizing

STEP 1: EVALUATING THE NEEDS

In order to size properly your air conditioning installation, it's important to calculate the thermal needs of your habitation to calculate the power needed for your installation.

SIZING THE COOLING NEEDS BY OCCUPANCY RATIO

We use the following ratio to calculate the cooling capacity needed:

$$90 \text{ W/m}^2 + 100 \text{ W/Occupant}$$

The calculation is to be done room by room.

SIZING THE HEATING NEEDS BY THE G METHOD

The G is the volume loss coefficient of the building, corresponding to the total thermal losses through walls, windows, roofs... It's expressed in $\text{W/m}^3/\text{°C}$. This coefficient is related to the building insulation.

$$\text{Heating capacity (W)} = G \times V \times \Delta T$$

G = global loss coefficient ($\text{W/m}^3/\text{°C}$):

- ▶ 0.65 W/°C m^3 RT 2012 constructions
- ▶ 0.75 W/°C m^3 construction after 2000
- ▶ 0.9 W/°C m^3 constructions after 1980
- ▶ 1.2 W/°C m^3 moderately insulated constructions
- ▶ 1.8 W/°C m^3 poorly insulated constructions

V = building volume (m^3)

ΔT = Difference between indoor temperature (19 or 20°C), and average outdoor temperature in the region where the project is based.

STEP 2: OUTDOOR UNIT SELECTION

- ▶ Divide the cooling and heating needs calculated before (see step 1).
- ▶ Calculate the global needs by zone, in order to determine outdoor unit capacity.

STEP 2: EXTERIOR UNIT SELECTION			
Zone	Room	Cooling needed (kW)	Heating needed (kW)
ZONE 1	Room n°1		
	Room n°2		
	Room n°3		
	Room n°4		
	Room n°5		
	Room n°6		
	Total		
ZONE 2	Room n°1		
	Room n°2		
	Room n°3		
	Room n°4		
	Room n°5		
	Room n°6		
	Total		
ZONE 3	Room n°1		
	Room n°2		
	Room n°3		
	Room n°4		
	Room n°5		
	Room n°6		
	Total		

Heat pump providing heating and/or domestic hot water

- [illegible]

Please enclose the plans of the house with your costing request.

CALCULATION OF NEEDS

Example of simplified heat balance using the following formula:

$$D = G \times V \times \Delta T$$

- ▶ **D** = represents heat loss in Watts.
- ▶ **G** = is the volume ratio of heat loss, corresponding to the insulation of the house (in W/m³/°K).
- ▶ **V** = is volume of the house in m³.
- ▶ **ΔT** = is the difference between the basic outdoor temperature and the indoor temperature.

This balance does not replace the one performed by a design office, which is recommended for all types of installations, in particular for specific buildings (architecture, insulation, etc.).

EXAMPLES	
New-build (very well insulated)	G = 0.4
Insulated house	G = 0.9
Modern house	G = 1.0
Poorly insulated old house (standard wall)	G = 1.3
Veranda	G = 2.5 to 3.0

HEAT PUMP SELECTION

Select heat pump capacity depends on heat losses:

1 Sizing a HT heat pump and its electrical backup or boiler (ON/OFF bi-compressor solution)

- 70% of losses ≤ Heating capacity of the heat pump ≤ 100% of losses
- 120% of losses = Total power delivered by the heat pump + backup (electrical or fossil energy).
- Basic outdoor temperature ≤ Heat pump operating limit temperature - 5°C.

2 Sizing a LT heat pump and its electrical backup or boiler (DC Inverter bi-compressor solution)

- 80% of losses ≤ Heating capacity of the heat pump ≤ 100% of losses
- 120% of losses = Total power delivered by the heat pump + backup (electrical or fossil energy).
- Basic outdoor temperature ≤ Heat pump operating limit temperature - 5°C.

DHW POWER CALCULATION

Domestic Hot Water needs

Number of people in the home	1	2	3	4	5
Daily water needs by person (in liters of water at 40°C)	80 ± 35	60 ± 25	50 ± 20	45 ± 20	45 ± 20

Preparation with accumulation only: the DHW is produced in 6 or 8 hours.

Equivalent volume at 60°C:

$$V_{60} = V_x \frac{T_x - 10^\circ}{60^\circ - 10^\circ}$$

with: **T_x** = storage temperature of the DHW tank

V_x = water volume at storage temperature T_x

STEP 1

Energy drawn during the day

- It consists in calculating the maximum volume of hot water (equivalent to 60°C) drawn during the heaviest-laden day of the year.
- The energy drawn via hot water is given by the formula:

$$E_{acc} = 1,16 V_{60acc} (60^\circ - 10^\circ) / 1000$$

with: **E_{acc}** = energy drawn over a full day in kW/h

V_{60acc} = total hot water drawn during a day, including all usage, adjusted to 60°C, in liters

1.16/1000 = adjustment coefficient

10° = cold water temperature

STEP 2

Storing volume and exchanger capacity

- Storage tank volume given in liters by:

$$\text{Volume} = \frac{1000 \times E_{acc}}{1,16 \times (T_{ec} - 10^\circ) \times a}$$

with: **T_{ec}** = water temperature in the tank (between 55 and 60°C)

10° = cold water temperature, being the minimum temperature reached by the water in the tank while guaranteeing users comfort

a = storage efficiency coefficient (between 0.8 and 0.95)

- The exchanger capacity, given in kW by the following formula, allows to recover the hot water stock in 6 or 8 hours.

$$\text{Heat exchanger capacity (DHW)} = \frac{E_{acc}}{6 \text{ to } 8 \text{ h} \times 0,9} + P_{dis}$$

with: **P_{dis}** = losses in distribution circuit. In case of a distribution loop, it will be the power needed for maintaining the temperature in the loop.

0,9 = add-on factor, offsetting the storage losses during the stock restoration period

- Generally, a minimum power of 10 to 12 W/l per stored liter.

THE HYDRAULIC ACCESSORIES

Sizing

BUFFER VOLUME

Airwell recommends a minimal water content that must be connected to the heat pump. This content:

- Ensures a sufficient inertia
- Maintains a minimum run compressor run time (anti-short cycle)

Approximate buffer volume for a low-temperature heat pump (runtime 6 min):

Heat pump power (in kW) under +7°C/35°C conditions	4	6	8	10	12	14	16
Power reduced to 20% for an Inverter heat pump (in kW)	1.2	1.8	2.4	3.0	3.6	4.2	4.8
Buffer capacity (in liters)	20	30	40	50	60	70	80

Approximate buffer volume for a high temperature heat pump (runtime 6 min):

Heat pump power (in kW) with +7°C/35°C conditions	4	6	8	10	12	14	16
Buffer volume capacity (in liters)	70	100	140	170	200	240	280

EXPANSION TANK

The expansion tank should be sized based on the heating mode, and consists in calculating:

- The inflation pressure
- Its capacity

The inflation pressure must be higher than the static pressure of the installation so that, on cold cycle, the water cannot enter the tank and the volume is optimum for absorbing the water expansion.

The tank capacity must be able to cope with the expansion volume of the installation.

For a pressure setting at 3 bars and a water installation at 45°C, we can use:

Maximum capacity of the installation (in liters)	Expansion tank capacity (in liters) for a static height OF UP TO:		
	5 m	10 m	15 m
200	4	5	8
250	5	7	10
300	6	8	12
400	8	11	16
500	10	14	20



General recommendations **FOR INSTALLING OF AIR/WATER HEAT PUMP**

HYDRAULIC ACCESSORIES

Disconnecter on water system

- The regulations require a type CA or BA disconnecter installed on a power system of less than 70 kW connected to the drinking water network, depending on the heat transfer fluid used.

Safety valve

- The heat pump must be protected by at least one safety valve. It must be installed in an accessible place, in the immediate vicinity of the heat pump outlet pipe. There must be no isolating valves between the heat pump and safety valve.
- **Nota:** A safety valve is also necessary on the buffer tank, if equipped with a top-up electric heater.

Safety thermostat on the heating floor outgoing line

- Installing a safety thermostat on the heating floor outgoing line is mandatory. It must have a manual reset, operate mechanically without an electrical supply, and be independent from the regulation system.
- It must cut the heating supply to avoid the temperature in the heating floor to exceed 55°C. In case of a temperature exceeding 55°C it must stop the heat pump and top-up electric heater, as well as the circulator, and close the three way regulation valve.

Safety group

- The domestic hot water tank must be supplied in cold water via a safety group. There must be no branch connection or any elements between the safety unit and the water tank.

Expansion tank

- The expansion tank must be preferably upstream of the circulator.

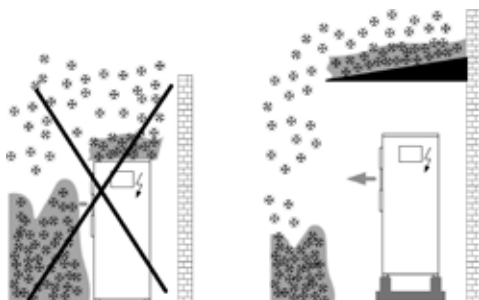
Dirt separator and air bleed valve

- The installation must have a air bleed valve situated at the top point of the network. It is also advisable to equip the buffer tank. The automatic air bleed valve must be associated with an isolation valve.
- Dirt separator and sieve filter.
- It is highly recommended to install a dirt separator and filter sieve upstream of the heat pump, to protect it from sludging and maintain optimal heat exchange. The sieve filter must be at least equal in diameter to the circuit. Installing a drain valve is recommended, at the bottom of the buffer tank, so as to evacuate deposits.

Pressure gauges on circulators

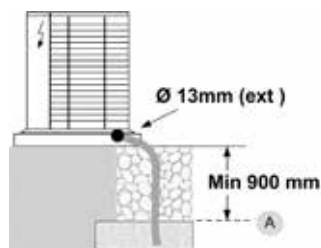
- The pressure gauge located on each circulator must be associated with two isolation valves. It measures the pressure in the circulator, and evaluates the flow based on the specific curve of the circulator.

SNOWDRIFTS



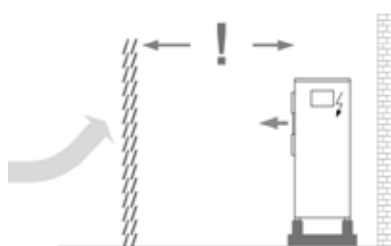
Provide a protection

CONDENSATE DISCHARGE



To avoid the water freezing downstream of the drain, lay the tube below the frost line (A).

STRONG WINDS



Provide windbreaks or similar

WATER FEATURES



< 15 °F. ?

If necessary, install water softener

WATER FEATURES | DOMESTIC HOT WATER REQUIREMENTS

The requirements vary by the number of people living in the building

* Possibility of adding auxiliary cylinder in case of high hot water request



Estimated average daily per capita consumption of hot water

Requirements	Liters - day - people (bathroom)	Liters - day - people (kitchen)
Low	Min.15 > max. 30	Min. 10 > max. 20
Medium	Min.30 > max. 60	Min. 20 > max. 40
High	Min.60 > max. 120	Min. 40 > max. 80

Example: average requirement for 4 people need about 230 litres/day

EXPANSION TANKS

Litres ? °C ?



Sizing expansion tanks according to the system features

GROUPE AIRWELL

ARTICLE 1 - PURPOSE AND SCOPE

1.1. These general terms and conditions of sale apply to all sales of equipment and deliveries of services entered into by Groupe Airwell SA (hereinafter the "Vendor"), a public limited company (société anonyme) with a capital of 304,177.10 euros whose registered office is located at 10, rue du Fort de Saint Cyr, 78180 Montigny le Bretonneux, France, entered in the Versailles trade and companies register under number 824 596 795 from a professional buyer, understood as any natural or legal person, public or private, who acts for purposes within the framework of his commercial, industrial, craft, liberal or agricultural activity, including when they act in the name and on behalf of another professional. These general terms and conditions of sale are not applicable to a consumer or non-professional buyer.

1.2. "Equipment" refers to finished products, accessories, and spare parts.

1.3. Any order implies full and unconditional acceptance of these general terms and conditions of sale, which prevail over any other document of the buyer, particularly its general terms and conditions of purchase, unless otherwise expressly agreed beforehand by the Vendor.

1.4. If the Vendor does not invoke any one of the clauses of the general terms and conditions of sale at a given moment, this may not be interpreted as a waiver of its rights to invoke such clauses or these general terms and conditions of sale subsequently.

ARTICLE 2 - GENERAL INFORMATION: CATALOGUES, DOCUMENTATION

2.1. Because of the speed of the technological evolution and the evolution of standards or improvements regarding security in the field in question, any information, indication, or item of value transmitted on any medium, whether it comes from the manufacturer or the Vendor, is given for information purposes only. These parties reserve the right to make any modification to the equipment whose etchings, photographs, or drawings appear on such documents, at any time and without notice. No document provided by the Vendor is considered a contractual element, and the Vendor cannot be held liable for such documents.

2.2. Where the selection of the proposed equipment is done by the Vendor on the basis of information provided by the informed professional buyer, the buyer is always responsible for ensuring that the characteristics of the equipment proposed by the Vendor are actually suitable for its needs, with regard to both performance and the possibilities of implementation. In addition, if the buyer resorts to the collaboration of the Vendor's engineers or technicians for a study or project, the Vendor may not be held responsible, and the buyer undertakes to consult an expert in the field for, among other things, the selection and sizing of the equipment and its installation and commissioning.

2.3. The buyer must not modify the markings affixed on the equipment or packaging, add any other marking, or use the Vendor's markings, names, or trademarks in any way not expressly authorised.

ARTICLE 3 - ORDERS AND QUOTATIONS

3.1. Orders are firm. Once accepted, the order or quotation may only be modified or cancelled by the buyer with the Vendor's prior express consent. The buyer shall be liable for any order cancellation, even partial, and the Vendor shall be entitled to compensation in the form of a penalty set in the amount of the cancelled order, without prejudice to all other damages.

3.2. Any acceptance of an order or quotation must be written. Sales are final only after the express acceptance materialized by the Vendor's issue of an acknowledgement of receipt of the buyer's order. The Vendor reserves the right to accept or reject any order within a maximum of five business days from its receipt.

3.3. The buyer must check the acknowledgement of receipt of the order and report any error or omission to the Vendor within a maximum period of 48 hours from its receipt. Beyond this period, the order becomes final for the buyer. If a buyer places an order with the Vendor, without having paid for its previous order(s), the Vendor may refuse to honor the order and deliver the equipment in question, without the buyer being able to claim any compensation for any reason whatsoever.

3.4. The Vendor reserves the right, even after partial fulfilment of an order, to require guarantees or to cancel the order(s) or balances of orders in progress in the name of the buyer, without any compensation any kind, in the following cases: deterioration of the buyer's credit, failure to file documents and instruments with the registry of the commercial court, downgrading of the buyer's rating by the Vendor's credit

department, refusal of a credit insurer or a factor to cover the amount of the sale, change or modification in the financial or legal capacity of the buyer, registrations or liens on the buyer's business or in general, in case of a change in the buyer's situation.

ARTICLE 4 - DELIVERY AND TRANSPORT

4.1. Unless there are provisions or an agreement to the contrary, the transport/delivery costs are borne by the purchaser. The reference incoterms are FCA vendor's warehouse or FOB port of shipment from the manufacturing plants.

4.2. The delivery lead times are given for information purposes only. In no case may exceeding the lead times justify the cancellation of the order or the awarding of damages. However, if the equipment still has not been delivered two months after a formal notice has remained unsuccessful, for any other cause other than force majeure (as defined in article 6.2), the order may then be cancelled at the request of either party; the buyer may obtain a refund of its advance payment to the exclusion of any other compensation or damages.

4.3. In accordance with Article 133-3 of the French commercial code, any delivered equipment that was not the subject of reservations by registered letter with acknowledgement of receipt within three days following the date of such receipt (not including holidays) to the transporter, a copy of which shall be simultaneously sent to the Vendor, shall be considered accepted by the buyer.

ARTICLE 5 - RECEIPT AND RETURN OF EQUIPMENT

5.1. Complaints about apparent defects or the non-conformity of the delivered equipment must be expressed in detail on the delivery slip and by registered letter with acknowledgement of receipt and sent to the Vendor's registered office within 72 hours following the delivery. Beyond this period, the received equipment shall be considered conforming to the order. It shall be up to the buyer to provide, with its complaint, any justification as to the reality of the noted defects or anomalies. The buyer shall give the Vendor every opportunity to investigate such defects and find a solution.

5.2. In any case, the buyer may not return the equipment without authorization from the Vendor. The Vendor shall be responsible for the costs and risks of the return solely in the event that an apparent defect or missing items are actually noted by it or its representative. If a claim proves justified, the return shall be the subject of an exchange or a credit memo, at the Vendor's choice, without the ability to demand any compensation or damages in any capacity whatsoever. Any return of equipment previously accepted due to the buyer, including but not limited to an order error or incorrect information communicated for a calculation or an order made by the buyer, will result in a discount to be defined according to the condition and/or antiquated or possible obsolescence of the returned product. The buyer shall be responsible for the return transport.

ARTICLE 6 - PRICE - TARIFFS - PRICE REDUCTIONS

6.1. Unless there are provisions or an agreement to the contrary, prices are set in euros net of tax and FCA vendor's warehouse for sales from the seller's stock, or FOB port of shipment from the manufacturing plants. For sales from manufacturing plants, a handling/freight/stuffing fee of 470 euros per container (regardless of container type) will be charged.

6.2. Equipment is sold on the basis of the Vendor's tariffs in force as at the date when each order is placed, or as at the date of issue of each quotation, subject to a delivery occurring no later than the end of the second calendar month following that date. Beyond that period, any price change before delivery shall be automatically applicable.

6.3. No discount shall be applied by the Vendor for cash payment or for payment earlier than the period indicated in these general terms and conditions of sale or on the invoice issued by the Vendor.

6.4. Unless otherwise agreed, the Vendor may grant the buyer discounts on the prices in force, including in the form of premiums, at the time when the order is placed, depending on the turnover excluding taxes generated annually or over a given period, and/or the quantity/nature of the purchased finished products and/or services possibly rendered by the buyer. These discounts may be fixed and/or gradual and may vary according to the categories of buyers.

6.5. If one of the criteria for application of these price reductions or any one of the clauses of these terms and conditions of sale is not met, the elimination of the benefit of such price reductions shall be immediately retroactive over the entire year in question. Consequently, if price reductions have already been applied by the Vendor during the year in question, they must be returned by the buyer on simple request.

ARTICLE 7 - PAYMENT TERMS

7.1. For any company based outside France, invoices shall be payable according to the payment period negotiated and agreed by the Vendor. For all French companies, invoices are payable within a maximum period of 45 days, end of month, or 60 days from the invoice issue date. For summarised invoices issued at the end of the month, the period must not exceed 45 days from the invoice issue date (article L. 441-6 of the Code of Commerce).

7.2. The Vendor reserves the right to require one or more advance payments when the order is placed and/or before shipment. Any commercial paper (bill of exchange or promissory note) presented for acceptance must be returned within eight clear days of its receipt by the buyer.

7.3. In accordance with Articles L. 441-3, L. 441-6, and D. 441-5 of the French commercial code, any payment delay automatically results in, in addition to late payment penalties at a rate equal to three times the statutory interest rate (i.e., 0.77% in the second half of 2022 updated each half-year period by the Minister of the Economy, with the understanding that this rate shall apply to the amount of the invoice including all taxes), an obligation for the debtor to pay 40 euros in recovery charges if the invoice has not been settled on the day following the payment date appearing on the invoice. In addition, in case of a late payment or a partial payment, (i) the Vendor may suspend all current and/or future orders; (ii) 48 hours after a formal notice has remained unsuccessful, the sale shall be automatically terminated, if so desired by the Vendor, which may bring action for summary proceedings for the return of the equipment, without prejudice to any other action and/or damages. The buyer must reimburse all costs caused by the non-payment (including return costs on unpaid debts) and the recovery of sums due, including fees of ministerial officers and/or recovery companies.

7.4. In no case may payments be suspended or offset without the Vendor's prior written approval. Any partial payment shall first be applied to the non-preferential part of the debt, then on the amounts with the earliest due date.

ARTICLE 8 - RETENTION OF TITLE AND TRANSFER OF RISKS

8.1. The transfer of ownership of the equipment is subject to the full payment of the price by the buyer. The buyer undertakes to maintain the equipment in good condition and insure it against all risks, for which the buyer shall be fully responsible in all cases, as from their delivery. In order to permit any action for recovery by the Vendor, the buyer must ensure that the equipment can be individually identified.

8.2. The Vendor may recover its equipment regardless of whose possession it is in, in case of non-payment of the price by the buyer or insolvency concerning it, even when such equipment has been handed over to a third party. If the equipment resold, the buyer must notify the new buyer of the existence of the retention of title clause.

ARTICLE 9 - LOCAL STANDARDS AND COMPLIANCE

9.1. As concerns European countries subject to the FGAS EU517/2014 regulation, the importer of the products bears sole liability to the European authorities for the declaration of the FGAS quotas. Therefore, for orders from Airwell's central stock located in France, the FGAS quotas are declared by Airwell; no further action is to be taken by Airwell customers. For drop-shipped orders, imported directly from plants outside of Europe, the Airwell customer importing this order bears sole liability for the declaration of the FGAS quotas to the relevant authorities. The latter must complete the declaration paperwork in its own country. Airwell may, at the customer's request, sell and transfer FGAS quotas but Airwell shall not be held liable under any circumstances for a failure to declare quotas or any error in the quantities declared. The importing customer bears sole liability for the declaration of FGAS quotas.

9.2. Any entry of goods into the European Union or a third country is the sole responsibility of the importer. In this sense, the buyer is solely responsible for ensuring the conformity of the products he imports. Airwell cannot be held responsible if the products do not conform to the local standards when they enter the "destination" territory (release for consumption). The buyer must provide in advance all the documents necessary for the conformity of the imported products on the territory of «destination» (release for consumption). Airwell strongly recommends a pre-departure inspection of the goods, at the customer's (buyer's) expense, to ensure the conformity of the imported goods. After research and analysis, Airwell reserves the right to refuse the order or to modify the pricing.

9.3. As a condition of sale, the buyer, upon placing an order with GROUPE AIRWELL SA for products and/or technology

and/or services provided by GROUPE AIRWELL SA, certifies to all of the following provisions:

1. Neither the buyer nor any of the buyer's shareholders are entities designated on the Specially Designated National List (SDN List), or other similar sanction lists maintained by applicable jurisdiction. Buyer further warrants that the buyer and its affiliates will not conduct prohibited transactions with the parties listed thereof.

2. Buyer is not a military end user/military-intelligence end user and shall not use the product(s) and/or technology and/or service(s) for a military end use/military-intelligence end use.

3. Buyer shall not sell, export, reexport, transfer, or divert the product(s) and/or technology and/or service(s) directly or indirectly to any use, location, or user in violation of applicable export controls and sanction laws, including but not limited to the U.S. Export Administration Regulations (EAR), and U.S. sanctions administered by the U.S. Department of the Treasury's Office of Foreign Assets Control (OFAC).

4. Buyer shall indemnify and hold GROUPE AIRWELL SA harmless for all damages, costs, fines, penalties, and other expenses arising from the non-compliance by the buyer or any of its shareholders with the aforementioned provisions.

ARTICLE 10 - ASSIGNMENT OF JURISDICTION - APPLICABLE LAW

These general terms and conditions of sale are subject to French law. Any dispute shall be under the exclusive jurisdiction of the VERSAILLES COMMERCIAL COURT, even in case of interim proceedings, incidental claims, or multiple defendants or introduction of third parties.

ARTICLE 11 - INTELLECTUAL PROPERTY

11.1. The buyer is authorized, on a precarious basis, to use the brand, the commercial name, the sign, the graphic elements and other distinctive signs relating to the Vendor's equipment for the sole purpose of identifying and promoting them and in the exclusive interest of the Vendor. This right of use does not confer any ownership rights to the buyer. The buyer undertakes not to register and not to be the owner of trademarks, models, domain names, patents, signs, trade names, product references and other distinctive signs belonging to the Vendor (or of which it has the use) or which could lead to confusion with its own.

11.2. With regard to the Vendor's graphic elements, such as logos or photographs, the buyer undertakes to use and reproduce them only and reproduce them only in strict compliance with the quality of the image and the format of the original graphic elements. The buyer shall not modify them or use them in such a way as to degrade the brand image of the Vendor or those image of the Vendor or of his equipment.

11.3. The buyer's right to use the Vendor's trademarks, trade names or other distinctive signs shall cease immediately when the business relationship with the Vendor ceases for any reason whatsoever. The same applies to non-compliance by the buyer with the conditions of use described in this article may result in the termination of this right of use at any time by use at any time by simple letter.

ARTICLE 12 - PROTECTION OF PERSONAL DATA

12.1. Any order for equipment implies the processing, by the Vendor, of personal data within the meaning of European Regulation 2016/679 of 27 April 2016 and Law No. 78-17 of 6 January 1978 relating to data processing, files and freedoms in its current version (hereinafter collectively the «Applicable Laws»), which relate to the buyer and/or the natural person, representative of the buyer, who places the order in the name and on behalf of the buyer.

12.2. The Vendor declares that it complies with the Applicable Laws and, in particular, implements the principles of personal data protection, notably the principles of lawfulness, proportionality, transparency and data minimization as set forth in the Applicable Laws.

12.3. The manner in which such data is collected and processed by the Vendor, as well as a description of the buyer's rights with respect to such data, are set out in the privacy policy adopted by the Vendor and available on its website at the URL <https://www.airwell.com/en/privacy-policy/>.

12.4. The Vendor's privacy policy is an integral part of these terms and conditions of sale.

THESE GENERAL TERMS AND CONDITIONS MAY BE SENT TO YOU IMMEDIATELY IN BOLD CHARACTERS ON SIMPLE REQUEST. AS THESE TERMS AND CONDITIONS ARE ESSENTIAL TO THE VENDOR'S COMMITMENT, WE INVITE YOU TO CONTACT US IF THEIR READABILITY IS NOT SUITABLE FOR YOU.

CERTIFICATIONS



EUROVENT

The product is Eurovent certified.



KEYMARK CERTIFICATION

The product is Keymark certified.



SMART GRID

This feature transforms the free energy from your photovoltaic panels into thermal energy (hot water) that you can use in the shower. So you save energy and reduce your electricity bill!

PERFORMANCES



FLUID
R290

R290 FLUID
R290 refrigerant.
PRP = 3



FLUID
R32

R32 FLUID
R32 refrigerant.
PRP = 675



FLUID
R134A

R134A FLUID
R134A refrigerant.
PRP = 1430



FLUID
R410A

R410A FLUID
R410A refrigerant.
PRP = 2100

TECHNOLOGY & CONNECTIVITY



FLEXY MATCH

Indoor units are compatible with monosplit or multisplit installation.



DC INVERTER

Compressor with high efficiency DC engine.



ELECTRONIC EXPANSION VALVE

Precise control of refrigerant flow, optimized of performance and compressor protection.



3D SWING

Optimized heating and cooling operations, with an automatic horizontal and vertical swing.



MULTIFLUX 360°

4-direction air distribution system with great comfort through 360°, with motorized opening control.



OPTIPOWER

Intelligent power management to optimise energy savings



BLUE FIN TREATMENT

Protects heat exchangers against corrosion.



GOLDEN FIN TREATMENT

Protects heat exchangers against corrosion while improving heat transfer.



GREEN FIN TREATMENT

Reinforced protection against corrosion. Better resistance to saline environments.



AIRHOME

Home automation application to control all Airwell products in the home from your smartphone.



COMPATIBLE HYBRID HOUSE

Product compatible with the Hybrid House option.

AIR QUALITY



IONIZER

Generates sterilizer ions producing electrochemical reaction destroying bacteria, viruses and allergenic particles. Creates and ensure provisioning of natural and high quality air in living environment.



NANO PHOTO-CATALYTIC FILTER

Oxidizes and degrades organic contaminants. It can eliminate up to 99.9% of bacteria and can efficiently at blocking dust.



ANTIBACTERIAL FILTER

Eliminates fine particles and purifies the air.



AUTO CLEAN/ DRY

Prevents development of bacteria and moistures keeping the heat exchanger dry after a cooling operation.



TRIPLE ACTION FILTER

Filter made up of a cold catalyst, activated charcoal and silver ions that provide clean air and eliminate odours and germs.



FRESH AIR SUPPLY

Cools the room by bringing fresh air from outside.

USER FUNCTIONS



I FEEL

Precise temperature control all around the chosen zone via a remote temperature sensor.



NIGHT MODE

Temperature in the room adjusted based on sleeping habits.



QUIET MODE

Top design for the lowest sound level.



REFRIGERANT LEAKAGE DETECTOR

Indicates a refrigerant leakage on indoor unit and stops the system for compressor protection.



PROGRAMMABLE TIMER

Timer set to switch the unit on and off.



TIMER

Timer for switching the appliance on or off.



AUTO RESTART (MEMORY)

Automatically restarts the unit in the last used mode when power is restored.



REMOTE CONTROL LOCK

Locks the remote functions to avoid inadvertent actions.



WI-FI

Air conditioner controlled via smartphone, tablet or computer through a wireless router and internet, thanks to AirHome app.

INSTALLER FUNCTIONS



ERROR CODE VIA INDOOR UNIT

Digital display of error codes or temperature settings on the indoor unit.



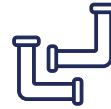
AUTO-DIAGNOSTIC

Unit failure indicated by a blinking led on the unit display.



BUILT-IN CONDENSATE PUMP

Eliminates condensate, for a simple and smooth running.



LEFT/RIGHT DRAIN CONNECTION

Easy-to-install condensate tubing, either on the left or right side.



ALARM OUTPUT

Remote transmission of malfunctions.



DRY CONTACT ON/OFF

Connection to a detection accessory (room card, presence detection, window...) to make energy savings.



TECHNICIAN TEST MODE

Special mode optimizing the technician's intervention time.



HEATING MODE ONLY

The unit can be configured in heating only mode.



AUXILIARY HEATER

Relaunches the heating capacity when the systems runs at a very low ambient temperature.



TEMPERATURE LOCK

Thanks to the installer mode, you can restrict the setting ranges of your appliances to limit energy consumption.



MODE LOCK

With the installer mode, you can restrict the operating modes of your appliances to limit energy consumption.

RANGE HEATING



WEEKLY TIMER

Program a scenario that will be automatically executed by the device on a weekly basis.



UNIT ON/OFF OUTPUT

Option displaying the unit's power status on the remote control.



COOLING MODE OPERATIONAL UP TO 43°/46°C OUTDOORS

Operation in cooling mode even at very high outside temperature, thanks to the special design of the unit.



HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOORS

Heating mode available even at very low outdoor temperatures, thanks to the special design of the unit.



MEDIUM TEMPERATURE UP TO 60°C

High temperature production up to 60°C.



HIGH TEMPERATURE UP TO 75°C

High temperature production up to 75°C.



DOMESTIC HOT WATER

Production of domestic hot water.



FLOOR HEATING

Connection available with a low-temperature transmitter.



HIGH-TEMPERATURE RADIATOR

Connection available with a high-temperature transmitter.



LOW-TEMPERATURE RADIATOR

Connection available with a low-temperature transmitter.



BOILER REPLACEMENT

Replace an old, energy-consuming boiler with an efficient Airwell heat pump.



BOILER BACK-UP

Complement a boiler with a heat pump.



FAN COIL

Can be connected to fan coil units.



WATER PROGRAMS

The regulator maintains the heat pump power in accordance with a water logic based on outdoor temperature.



YOUR AFTER-SALES, TECHNICAL SUPPORT, ORDER SPARE PARTS CONTACT

Our interactive voice server (IVR) has been redesigned in order to provide a more efficient and effective customer service. Our responsiveness and professionalism provide a benchmark level of service.

+33 (0)1 76 21 82 95

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TECHNICAL SUPPORT

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