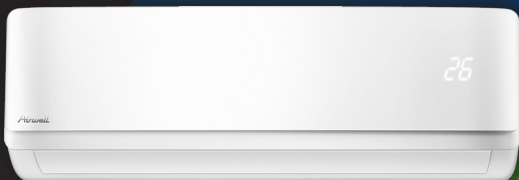


Airwell

Heat pumps, Air conditioning
& Renewable energy ranges



2026/2027

French-style comfort since 1947










FRENCH BRAND

TABLE OF CONTENTS

AIR/AIR RANGE





p.5 High wall range

p.6		HDMB Harmonia	High wall - Platinum97 treatment	NEW		FLUID R32
p.8		HDLA Aura	High wall - Wi-Fi built-in			FLUID R32
p.10		HDLS	High wall	NEW		FLUID R32
p.12		HFLA	High wall			FLUID R410A





p.15 Floor ceiling & Floor standing ranges

p.16		FFMD	Floor ceiling			FLUID R410A
p.18		SFMD	Floor standing			FLUID R410A

p.21 Ducted range

p.22		DDMX	Medium-pressure ducted			FLUID R32
p.24		DFMD	Medium-pressure ducted			FLUID R410A

p.27 Cassette range

p.28		CDMX	Cassette 360° - 90x90 cm			FLUID R32
p.30		CFMD	Cassette 360° - 60x60 cm			FLUID R410A

VRF RANGE

p.33 Commercial & Industrial range

p.34		Outdoor unit	VVTA			
p.38		Indoor units & AHU connection kit				

AIR/WATER RANGE

p.41 Heat pump range

p.42



WELLEA M HT

HT monoblock heat pump up to 75°C

NEW



p.44

WELLEA M DF HT

HT monoblock heat pump up to 85°C

NEW



SOLAR RANGE

p.47 Solar solutions

PV modules

DM500M10RT-B60HBT & LR7-60HTB-500M

Inverters

SI000S

NEW

Battery kits

SH6.0RS, SH3.0RS & SBS050

NEW



Monitoring

SUNPILOT & IHM

NEW

Electrical boxes

Single-phase 3, 6, 9 kW, Three-phase 9 kW & Battery from 3 to 6 kVA (5kWh)

Fixing systems

ISY BOX (ISY RAIL)

NEW

Photovoltaic kits

AirSolar Solutions Offer

p.51

SolarFrost

The autonomous solar powered cold room

p.54

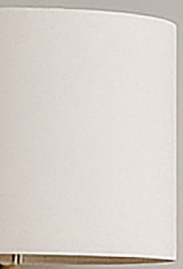
Installation accessories

p.55

Toolbox (installation assistance, recommendations...)

p.58

Icon guide







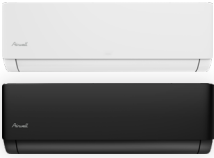





HIGH WALL

range



MODELS

			kBTU/h kW	9 2.5	12 3.5	18 5	24 7	
p.6	NEW HDMB Harmonia		<i>High wall - Platinum97 treatment Design and comfort</i>		✓	✓	✓	✓
p.8	HDLA Aura		<i>High wall Built-in Wi-Fi</i>		✓	✓	✓	✓
p.10	NEW HDLS		<i>High wall Design and comfort</i>		✓	✓	✓	✓
p.12	HFLA		<i>High wall Design and comfort</i>		✓	✓	✓	✓

+ PRODUCT

- RC19 remote control included
- Design
- Performance
- Air quality (ionizer + filters)
- Quiet
- Platinum97 anti-corrosion treatment
- Compatible multisplit

Connectivity



Technology



3D SWING



GOLDEN FIN TREATMENT EXCHANGERS



PLATINIUM97 TREATMENT



COOLING MODE OPERATIONAL UP TO 50°C OUTDOOR



HEATING MODE OPERATIONAL DOWN TO -20°C OUTDOOR

Air quality



IONIZER



ANTIBACTERIAL FILTER



I CLEAN MODE



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

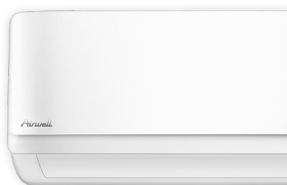
- AIRWELL participates in the ECP program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Certified performance in monosplit configuration

HDMB Harmonia

High wall - Platinum97 treatment



HDMB Harmonia White



HDMB Harmonia Grey



RC19 included

+ SUSTAINABLE DEVELOPMENT

- Significant reduction in the frequency of maintenance and replacement, reducing the carbon footprint.
- Long-lasting protection in the most aggressive environments.
- 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

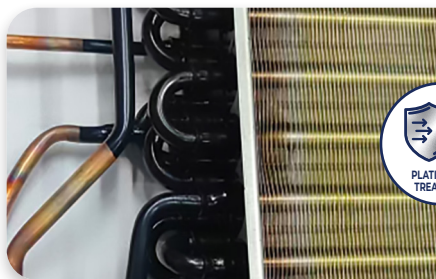
- Contemporary design to fit any interior.
- High-performance ionizer and filters for better air quality.
- Multi-directional air louvers for air distribution throughout the room.
- Wi-Fi included.
- Low noise level ideal for living rooms (bedroom, office, living room, etc.).
- Temperature lock for better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

+ TECHNOLOGY

- 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.



New Platinum97 resin treatment:

- **Enhanced protection against harsh environments**

OPTIONS

ACCESSORY	CODE	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 FlowatchDesign (gutter)	7ACTL0518		• Condensate evacuation from indoor units.

TECHNICAL DATA

INDOOR UNIT - WHITE		HDMB-025N-09M22	HDMB-035N-09M22	HDMB-050N-09M22	HDMB-070N-09M22
Indoor unit code - White		7SP024030	7SP024031	7SP024032	7SP024033
INDOOR UNIT - GREY		HDMB-025N-09M22-GY	HDMB-035N-09M22-GY	HDMB-050N-09M22-GY	HDMB-070N-09M22-GY
Indoor unit code - Grey		7SP024038	7SP024039	7SP024040	7SP024041
Phase		Single-phase	Single-phase	Single-phase	Single-phase

COOLING

Rated power (min./max.)	kW	2.60 (1.02~3.22)	3.50 (1.37~4.29)	5.30 (3.39~5.90)	7.00 (2.11~8.21)
Pdesignc	kW	2.60	3.50	5.30	7.00
Rated power input / EER	kW	0.60/4.30	0.97/3.60	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	2.93 (0.82~3.37)	3.81 (1.07~4.38)	5.50 (3.10~5.85)	7.30 (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	0.64/4.60	0.98/3.90	1.50/3.67	2.13/3.43
SCOP/Energy label (average climate)		4.52/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	2.65	3.03	4.52	6.87
Power at -10°C	kW	2.48	2.84	4.23	6.43
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
Unit 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

OUTDOOR UNIT		YDAB-025H-09M22	YDAB-035H-09M22	YDAB-050H-09M22	YDAB-070H-09M22
Code		7SP063230	7SP063231	7SP063232	7SP063233
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
Unit 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

Gas 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

* SCOP and Energy label not certified by Eurovent.

MATCHING



+ PRODUCT

- RC19 remote control included
- Design
- Performance
- Compatible multisplit

Connectivity



Technology



GOLDEN FIN TREATMENT EXCHANGERS

Air quality



ANTIBACTERIAL FILTER



I CLEAN MODE

User functions



I FEEL



NIGHT MODE



QUIET MODE



REFRIGERANT LEAKAGE DETECTOR



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL 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 program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Certified performance in monosplit configuration

HDLA Aura

High wall - Wi-Fi built-in



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.
- Temperature lock for better energy efficiency.

+ 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.

+ 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.



Longer product service life:
 → Golden Fin exchanger.
 → Anti-corrosion treatment on PCB.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote control RCW8	7ACEL1706		• Fan speed mode, timer on/off, temperature and swing.
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
Code		7SP024071	7SP024072	7SP024073	7SP024074
Phase		Single-phase	Single-phase	Single-phase	Single-phase

COOLING					
Rated power (min./max.)	kW	2.60 (0.91~3.40)	3.52 (1.11~4.16)	5.20 (1.82~6.16)	7.00 (2.08~7.91)
Pdesignc	kW	2.80	3.60	5.20	7.00
Rated power input	kW	0.87	1.24	1.53	2.49
SEER/Energy label		6.2/A++	6.1/A++	7.2/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)
Pdesignh (average climate)	kW	2.60	2.70	4.10	4.80
Pdesignh (warmer climate)		2.60	2.50	4.40	5.80
Rated power input	kW	0.73	1.09	1.55	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	2.50	2.80	3.90	5.80
Power at -10°C	kW	2.40	2.70	3.80	5.60
Power at -15°C	kW	2.10	2.20	2.80	4.90

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
Unit 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
Code		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
Unit 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	A	16	16	16	20
Electrical connections in/out	mm²	5G1.5	5G1.5	5G1.5	5G2.5

PIPE LINE					
Gas 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



+ PRODUCT

- HDLS IR remote control included
- Heating performance down to -20°C
- Anti-cold air
- Louver position memory
- 7 fan speeds

Technology



BLUE FIN TREATMENT EXCHANGERS

Air quality



I CLEAN MODE



ANTI-COLD AIR



INDEPENDENT DEHUMIDIFICATION

User functions



I FEEL



NIGHT MODE



QUIET MODE



REFRIGERANT LEAKAGE DETECTOR



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



7 VENTILATION SPEEDS



I SET



OPERATOR MODE (B/O)

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



LEFT/RIGHT DRAIN CONNECTION



DRY CONTACT ON/OFF

CERTIFICATION

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

www.eurovent-certification.com

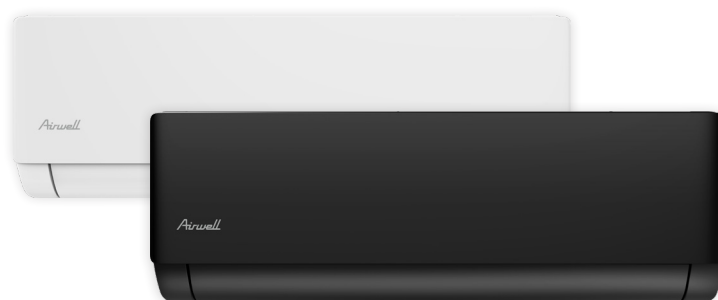


HDLS

High wall



Remote control included



Remote control included

+ SUSTAINABLE DEVELOPMENT

- Energy class A++ (cooling) and A+ (heating, average climate) for maximum efficiency.
- R32 refrigerant: environmentally friendly with low carbon impact.
- ECO mode: automatically reduces energy consumption.
- GEN mode: optimizes performance and limits energy usage.
- Wide voltage start-up (165–265 V): ensures stability even with electrical fluctuations.

+ USER

- 7 fan speeds for personalized comfort.
- Silence mode: ultra-quiet operation for total comfort.
- Night mode: regulated temperature for peaceful sleep.
- 8°C heating mode: prevents room freezing in winter.
- Louver position memory: retains your preferences after restart.
- On/Off display and backlit remote control: easy to use.
- Auto-restart, self-diagnosis, and leak detection for optimal reliability.
- Intelligent cleaning and washable filters for clean, healthy air.

+ INSTALLER

- Dual drainage: flexible installation on left or right side.
- Emergency button: manual start during installation or testing.
- BMS compatibility: easy integration with central management systems.
- Anti-corrosion protection: increased durability in demanding environments.
- Intelligent defrost: reduces maintenance time and extends unit lifespan.
- Intuitive design: faster installation and simplified maintenance.

+ TECHNOLOGY

- Advanced inverter technology for precise, energy-efficient comfort.
- Auto mode: automatic selection of the optimal mode based on room temperature.
- "I Feel" function: sensor built into the remote for personalized comfort.
- Smart Airflow: automatic airflow direction based on heating/cooling mode.
- Turbo mode: ultra-fast cooling or heating.
- Cooling from -15°C to 53°C: guaranteed performance in all conditions.
- Intelligent defrost: reliable operation even at low temperature.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote controller RCW34	7ACEL1939		• Weekly timer, mode, fan speed, on/off timer, "I Feel" function, temperature control.
Wi-Fi key	7ACEL1954		• To monitor and control the units remotely.

TECHNICAL DATA

INDOOR UNIT - WHITE		HDLS-025N-09M25	HDLS-035N-09M25	HDLS-050N-09M25	HDLS-070N-09M25
Code		7SP024100	7SP024101	7SP024102	7SP024103
INDOOR UNIT - BLACK		HDLS-025N-09M25-BK	HDLS-035N-09M25-BK	HDLS-050N-09M25-BK	HDLS-070N-09M25-BK
Code		7SP024140	7SP024141	7SP024142	7SP024143
Phase		Single-phase	Single-phase	Single-phase	Single-phase

COOLING

Rated power (min./max.)	kW	2.50 (0.94/3.30)	3.52 (1.00/4.10)	5.05 (1.25/5.30)	6.95 (1.50/7.35)
Pdesignc	kW	2.5	3.5	5.0	6.9
Rated power input	kW	0.769	1.080	1.563	2.151
SEER/Energy label		6.1 / A++	6.1 / A++	6.5 / A++	6.5 / A++
Operating limits	°C	(-15) at 53	(-15) at 53	(-15) at 53	(-15) at 53

HEATING

Rated power (min./max.)	kW	2.75 (0.94/3.50)	3.76 (1.00/4.20)	5.11 (1.25/6.07)	6.95 (1.50/7.80)
Pdesignh (average climate)	kW	2.4	2.5	4.1	5.2
Pdesignh (warmer climate)	kW	2.4	3.1	5.0	6.0
Rated power input	kW	0.733	1.006	1.375	1.873
SCOP/Energy label (average climate)		4 / A+	4 / A+	4 / A+	4 / A+
SCOP/Energy label (warmer climate)		5.1 / A+++	5.1 / A+++	5.1 / A+++	5.1 / A+++
Operating limits	°C	(-20) at 30	(-20) at 30	(-20) at 30	(-20) at 30

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB(A)	26/32/38	27/33/39	31/37/43	35/42/48
Sound level	dB(A)	54	55	59	65
Airflow (LS/MS/HS)	m³/h	390/460/530	390/480/580	540/630/760	750/860/1050
Dehumidification	L/h	1	1.5	1.8	2.3
Unit dimensions (WxHxD)	mm	778x272x192	811x305x195	910x305x195	1005x321.5x220
Package dimensions (WxHxD)	mm	840x335x255	880x378x265	979x380x265	1096x390x297
Net weight/Gross weight	kg	7.3/9.5	8.3/11	9/11	12/14

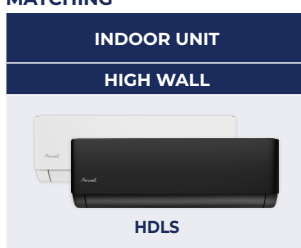
OUTDOOR UNIT		YDAS-025R-09M25	YDAS-035R-09M25	YDAS-050R-09M25	YDAS-070R-09M25
Code		7SP063295	7SP063296	7SP063297	7SP063298
Sound pressure level at 1 m	dB(A)	54	55	55	57
Sound level	dB(A)	64	64	65	69
Airflow	m³/h	1700	2000	2600	3000
Compressor type	L/h	Rotary	Rotary	Rotary	Rotary
Unit dimensions (WxHxD)	mm	664x459x235	732x551x257	780x602x292	856x699x330
Package dimensions (WxHxD)	mm	765x481x310	732x551x257	890x628x385	949x732x392
Net weight/Gross weight	kg	20/22	22.5/25	30/32.5	37.5/40.5

POWER SUPPLY

Phase/Voltage/Frequency		1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G2.5
Fuse rating am (courbe D)	A	16	16	16	20
Shielded electrical connections	mm²	4G1	4G1	4G1	4G1

PIPE LINE

Gas pipe diameter	inches	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
Max. length	m	25	25	25	25
Max. height	m	10	10	10	10
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	0.52	0.57	0.78	1.00
Additional charge	g/m	15	15	25	25

MATCHING


+ PRODUCT

- RC18 remote control included
- Design
- "I Feel" Comfort
- Discreet digital display
- Wide discharge angle
- Golden Fin treatment on exchangers



Tested up to 55°C outdoor temperature

Technology



GOLDEN FIN TREATMENT EXCHANGERS

Air quality



ANTIBACTERIAL FILTER



I CLEAN MODE

User functions



I FEEL



NIGHT 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



TECHNICIAN TEST MODE

HFLA

High wall



COOLING A



HEATING A



FLUID R410A



RC18 included

+ SUSTAINABLE DEVELOPMENT

- High energy class A.
- Energy savings, thanks to the limitation temperature instructions.

+ USER

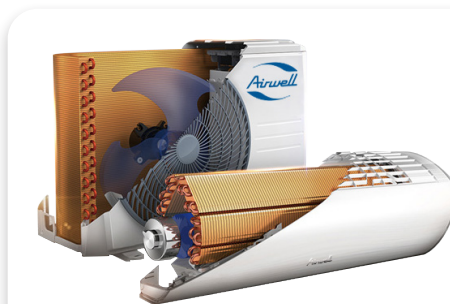
- High-performance filters for better air quality.
- Wi-Fi available as an option for remote control of the unit.

+ 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.

+ INSTALLER

- Technician mode for setting operating temperatures.



Longer product service life:
 → Golden Fin exchanger.
 → Anti-corrosion treatment on PCB.

OPTIONS

ACCESSORY

CODE

PICTURE

FUNCTION

AirNet Wi-Fi module



7ACEL1744



• Control air conditioners with your smartphone, tablet or computer via a wireless router and internet.

TECHNICAL DATA

INDOOR UNIT		HFLA-025N-01M25	HFLA-035N-01M25	HFLA-050N-01M25	HFLA-070N-01M25
Code		7SP024050	7SP024051	7SP024052	7SP024053
Phase		Single-phase	Single-phase	Single-phase	Single-phase

COOLING

Rated power	kW	2.68	3.37	5.07	7.15
Rated power input	kW	0.82	1.05	1.55	2.33
EER/Energy label		3.23/A	3.21/A	3.21/A	3.02/B
Outdoor operating limits (cooling mode)	°C	18~50°C Dry bulb			

HEATING

Rated power	kW	2.77	3.25	5.36	7.91
Rated power input	kW	0.75	0.9	1.46	2.25
COP/Energy label		3.61/A	3.61/A	3.61/A	3.41/B
Outdoor operating limits (heating mode)	°C	-7~24°C Dry bulb			

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB (A)	29.5/33.5/40	28.5/34.5/41.5	39.5/32/34	33/44.5/47.5
Airflow (LS/MS/HS)	m³/h	310/380/520	360/450/570	574/645/776	638/792/997
Dehumidification	l/h	0.9	1.2	1.7	2.2
Unit dimensions (WxHxD)	mm	715x285x194	805x285x194	957x302x213	1040x327x220
Package dimensions (WxHxD)	mm	780x365x270	870x365x270	1035x385x295	1120x315x405
Net weight/Gross weight	kg	7.7/9.8	8.5/10.6	10.9/13.8	13.2/16.2

OUTDOOR UNIT		YFAA-025R-01M22	YFAA-035R-01M22	YFAA-050R-01M22	YFAA-070R-01M22
Code		7SP063235	7SP063236	7SP063237	7SP063238
Sound pressure level at 1 m	dB (A)	54.5	55.5	58	59.5
Airflow	m³/h	1800	1800	2100	3650
Compressor type		Rotary	Rotary	Rotary	Rotary
Unit dimensions (WxHxD)	mm	720x495x270	720x495x270	765x555x303	890x673x342
Package dimensions (WxHxD)	mm	835x540x300	835x540x300	887x610x337	995x740x398
Net weight/Gross weight	kg	26.4/28.2	26.9/28.7	34/36.8	53/55.9

POWER SUPPLY

Phase/Voltage/Frequency		1Ph-230V~50Hz	1Ph-230V~50Hz	1Ph-230V~50Hz	1Ph-230V~50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating am	A	10	16	16	20
Electrical connections	mm²	5x1.5	5x1.5	5x1.5	5x1.5

PIPE LINE

Gas pipe diameter	inches	3/8"	1/2"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max. length	m	20	20	20	25
Max. height	m	8	8	8	10
Refrigerant/GWP		R410A/2088	R410A/2088	R410A/2088	R410A/2088
Charge (5 m)	kg	0.7	0.64	1.18	1.65
Additional charge	g/m	20	20	30	30

MATCHING





Airwell



FLOOR CEILING & FLOOR STANDING

range

MODELS

p.16

FFMD



*Floor ceiling
High-range blowing*

kBTU/h kW	36 10	48 12,5	60 16
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FLUID
R410A



p.18

SFMD



*Floor standing
Solution for high-volume halls*

FLUID
R410A



+ PRODUCT

- RC19 remote control included
- Alarm output and dry contact
- Long air supply distance up to 11 m
- 4D airflow

Technology



GOLDEN FIN TREATMENT EXCHANGERS

Air quality



ANTIBACTERIAL FILTER

User functions



I FEEL



NIGHT MODE



TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



TECHNICIAN TEST MODE

FFMD

Floor ceiling

FLUID R410A



RC18 included

+ SUSTAINABLE DEVELOPMENT

- Choice of installation options: wall or ceiling-mounted.

+ TECHNOLOGY

- High corrosion resistance with the Golden Fin.



+ INSTALLER

- Parameters can be read on the indoor unit.



Longer product service life:
 → Golden Fin exchanger.
 → Anti-corrosion treatment on PCB.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired single control RCW6	7ACEL1704		• Mode, fan speed, real time, timer, temperature, weekly timer and swing.
Wired single control RCW8	7ACEL1706		• Mode, fan speed, timer On/Off, temperature and swing.

TECHNICAL DATA

INDOOR UNIT		FFMD-100N-01T25	FFMD-140N-01M25	FFMD-160N-01M25
Code		7SP012311	7SP012312	7SP012313
Phase		Three-phase	Three-phase	Three-phase

COOLING

Rated power	kW	10.55	14.07	16.12
Rated power input	kW	3.51	5.45	6.4
EER/Energy label		3.01/B	2.58/E	2.52/E
Operating limits	°C	18°~43° Dry bulb		

HEATING

Rated power	kW	11.14	16.12	17.59
Rated power input	kW	3.47	5.08	5.8
COP/Energy label		3.21/C	3.17/D	3.03/D
Operating limits	°C	-7°~24° Dry bulb		

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB(A)	45/48.5/53	48.0/51.0/54.0	48.0/50.6/54.5
Airflow (LS/MS/HS)	m³/h	1331/1536/1819	2000/2150/2350	1636/1846/2267
Dehumidification	l/h	3.6	4.8	5.5
Unit dimensions (WxHxD)	mm	1285x235x675	1650x235x675	1650x235x675
Package dimensions (WxHxD)	mm	1360x318x755	1725x318x755	1725x318x755
Net weight/Gross weight	kg	29.9/35.5	39/45	39/45

OUTDOOR UNIT		YFAD-100R-01T35	YFAD-140R-01T35	YFAD-160R-01T35
Code		7SP063184	7SP063185	7SP063186
Sound pressure level at 1 m	dB(A)	62.5	62	61.5
Airflow	m³/h	3800	6000	6000
Compressor type		Rotary	Scroll	Scroll
Unit dimensions (WxHxD)	mm	946x810x410	900x1170x350	900x1170x350
Package dimensions (WxHxD)	mm	1090x885x500	1032x1307x443	1032x1307x443
Net weight/Gross weight	kg	73.0/77.5	98.6/109.3	99.7/111.2

POWER SUPPLY

Phase/Voltage/Frequency		3P/380-415V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side		Outdoor	Indoor	Indoor
Power cable section	mm²	5x2.5	5x2.5	5x2.5
Fuse rating am	A	25	32	32
Electrical connections	mm²	3x1.5 + 3x1	5x2.5 + 3x1	5x2.5 + 3x1

PIPE LINE

Gas pipe diameter	inches	3/4"	3/4"	3/4"
Liquid pipe diameter	inches	3/8"	3/8"	3/8"
Max. length	m	30	50	50
Max. height	m	20	30	30
Refrigerant/GWP		R410A/2088	R410A/2088	R410A/2088
Charge (5 m)	kg	2.85	3.3	3.3
Additional charge	g/m	30	30	30

MATCHING



+ PRODUCT

- RC19 remote control included
- Blowing distance
- High air flow (1488 m³/h)

Technology



GOLDEN FIN
TREATMENT
EXCHANGERS

User functions



I FEEL



NIGHT MODE



PROGRAMMABLE
TIMER



AUTO RESTART
(MEMORY)



REMOTE CONTROL
LOCK

Installer functions



ERROR CODE VIA
INDOOR UNIT



AUTO-DIAGNOSTIC



TECHNICIAN TEST
MODE

SFMD

Floor standing

FLUID
R410A



RC19
included

+ SUSTAINABLE DEVELOPMENT

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

+ INSTALLER

- Floor installation of the indoor unit for easier handling.

+ 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		SFMD-140N-01N35
Code		7SP101061
Phase		Three-phase

COOLING		
Rated power	kW	14.07
Rated power input	kW	5.3
EER/Energy label		2.65/D
Operating limits	°C	18°~43° Dry bulb

HEATING		
Rated power	kW	16.08
Rated power input	kW	5.35
COP/Energy label		3.01
Operating limits	°C	-7°~24° Dry bulb

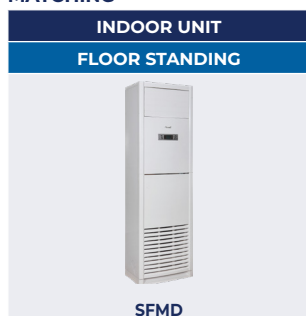
INDOOR UNIT		
Sound pressure level at 1.5 m (LS/HS)	dB(A)	46/54
Airflow (LS/HS)	m³/h	1180/1488
Unit dimensions (WxHxD)	mm	540x1825x410
Package dimensions (WxHxD)	mm	690x1965x565
Net weight/Gross weight	kg	52.9/69.4

OUTDOOR UNIT		YFAD-140R-01T35
Code		7SP063185
Sound pressure level at 1 m	dB(A)	63
Airflow	m³/h	6000
Compressor type		Scroll
Unit dimensions (WxHxD)	mm	900x1170x350
Package dimensions (WxHxD)	mm	1032x1307x443
Net weight/Gross weight	kg	98.6/109.3

POWER SUPPLY		
Phase/Voltage/Frequency		3P/380-415V/50Hz
Power supply side		Indoor
Power cable section	mm²	2.5x5
Fuse rating am	A	45
Electrical connections	mm²	1x3

PIPE LINE		
Gas pipe diameter	inches	3/4"
Liquid pipe diameter	inches	3/8"
Max. length	m	50
Max. height	m	30
Refrigerant/GWP		R410A/2088
Charge (5m)	kg	3.3

MATCHING







DUCTED

range

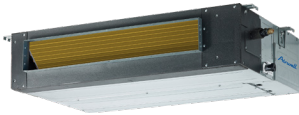


MODELS

kBTU/h	7	12	18	24	36	48	60
kW	2	3,5	5	7	10	14	17

p.22

DDMX



Medium-pressure ducted
Designed to fit into tight false ceiling



p.24

DFMD



Medium-pressure ducted
Designed to fit into tight false ceiling



+ PRODUCT

- RCW11 remote control included
- Discreet
- Compact
- Performance
- Compatible multisplit
- Airzone, Koolnova and Madel compatible

Connectivity



AirHome With LCAC Wi-Fi module in optional

Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



GOLDEN FIN TREATMENT EXCHANGERS

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 program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com



- Models marked * are not Eurovent certified

DDMX

Medium-pressure ducted



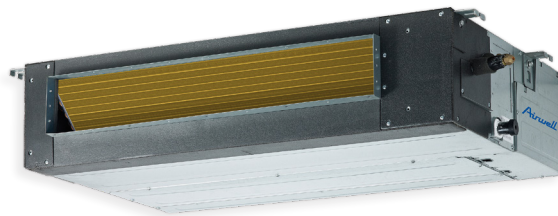
COOLING
A++



HEATING
A+



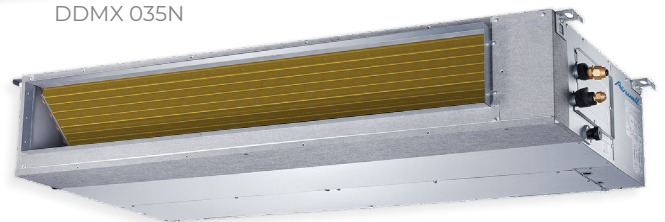
FLUID
R32



DDMX 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	CODE	PICTURE	FUNCTION
Wireless controller RC18	7ACEL1898		• Fan speed mode, on/off timer, "I Feel" function, maintenance mode
Wired remote control RCW26 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.
	7ACVF0136		• 3 outputs DN160. For DDMX 50.
	7ACVF0137		• 3 outputs DN160. For DDMX 70.
Insulated air duct plenum	7ACVF0138		• 3 outputs DN160. For DDMX 90-100.
	7ACVF0139		• 3 outputs DN160. For DDMX 140-175.

TECHNICAL DATA

INDOOR UNIT		DDMX-035N-09M25	DDMX-050N-09M25	DDMX-070N-09M25	DDMX-090N-09M25	DDMX-100N-09M25	DDMX-100N-09M25	DDMX-140N-09M25*	DDMX-175N-09M25*
Code		7SP033070	7SP033071	7SP033072	7SP033076	7SP033073	7SP033073	7SP033074	7SP033075
Phase		Single-phase	Single-phase	Single-phase	Single-phase	Single-phase	Three-phase	Three-phase	Three-phase

COOLING

Rated power (min./max.)	kW	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)
Pdesignc	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	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)
Pdesignh (average climate)	kW	2.70	4.30	5.40	8	8.40	8.80	8.80	12.50
Pdesignh (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)	23/29/30/34	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	62	63	61	61	66	66
Airflow (LS/MS/HS)	m³/h	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/ 0-60	25/0-100	25/0-160	37/0-160	37/0-160	37/0-160	50/0-160	50/0-160
Dehumidification	l/h	1.20	1.80	2.40	3.00	3.60	3.60	4.80	5.50
Unit dimensions (WxHxD)	mm	700x200x506	880x210x674	1100x249x774	1360x249x774	1360x249x774	1360x249x774	1200x300x874	1200x300x874
Package dimensions (WxHxD)	mm	860x285x540	1070x280x725	1305x315x805	1570x300x805	1570x300x805	1570x330x805	1405x365x915	1405x365x915
Net weight/Gross weight	kg	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
Code		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
Unit 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	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

PIPE LINE

Gas pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	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
DUCTED	MONOSPLIT
	
DDMX	YDAX

+ PRODUCT

- RCW11 remote control included
- Low height (210 mm)
- Alarm output and dry contact
- Integrated condensate pump
- Fresh air supply possible
- G1 filter included
- Constant flow control

Technology



GOLDEN FIN TREATMENT EXCHANGERS

User functions



I FEEL



NIGHT MODE



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



BUILT-IN CONDENSATE PUMP



ALARM OUTPUT



DRY CONTACT ON/OFF



TECHNICIAN TEST MODE

CERTIFICATION

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

www.eurovent-certification.com



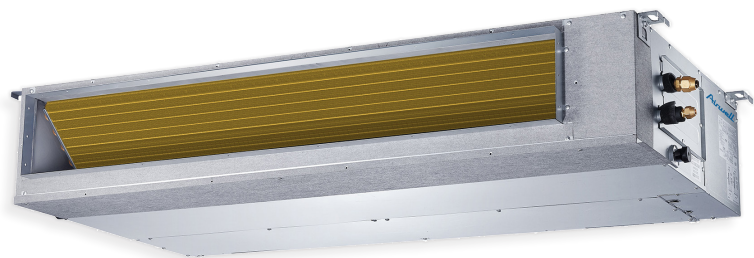
- Models marked * are not Eurovent certified

DFMD

Medium-pressure ducted



RCW11 included



+ SUSTAINABLE DEVELOPMENT

- Invisible: blends into all types of interiors.

+ INSTALLER

- Adapted to all types of ducts.

+ TECHNOLOGY

- Golden Fin (high corrosion resistance).
- Self-adjusting static pressure.



Longer product service life:
 → Golden Fin exchanger.
 → Anti-corrosion treatment on PCB.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired single control RCW6	7ACEL1704		• Mode, fan speed, real time, timer, temperature, weekly timer and swing.
Wired single control RCW8	7ACEL1706		• Mode, fan speed, timer On/Off, temperature and swing.
Central controller RCW16	7ACEL1707		• Controls up to 64 indoor units with individual setting failure codes indication, On/Off dry contact, last operation memory, ModBus.

TECHNICAL DATA

INDOOR UNIT		DFMD-050N-01M25	DFMD-070N-01M25	DFMD-100N-01M25	DFMD-100N-01T35	DFMD-140N-01M25	DFMD-160N-01M25
Code		7SP033080	7SP033081	7SP033082	7SP033083	7SP033084	7SP033085
Phase		Single-phase	Single-phase	Single-phase	Three-phase	Three-phase	Three-phase



COOLING

Rated power	KW	5.28	7.03	10.55	10.55	14.07	16.12
Rated power input	kW	1.95	2.7	3.90	3.51	5.35	6.36
EER/Energy label		2.71/D	2.61/D	2.71/D	3.01/B	2.63/D	2.53/E
Operating limits	°C	18°~43° Dry bulb					



HEATING

Rated power	KW	5.57	7.62	11.43	11.72	16.12	17.59
Rated power input	kW	1.65	2.23	3.80	3.44	4.82	5.54
COP/Energy label		3.37/D	3.42/B	3.01/B	3.41/B	3.35/C	3.17/D
Operating limits	°C	-7°~24° Dry bulb					

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB(A)	38/41/44	34.5/38/41	38.5/41.5/45	38/40.5/47	42.0/45.0/48.0	44.4/46.9/51.7
Airflow (LS/MS/HS)	m³/h	740/830/1020	950/1150/1350	950/1280/1700	1149/1372/1804	1400/1800/2150	1490/1850/2400
External static pressure (standard/min.-max.)	Pa	25/0-60	25/0-80	37/0-160	37/0-160	50/0-160	50/0-160
Dehumidification	l/h	2	2	4	4	5	6
Unit dimensions (WxHxD)	mm	880x210x674	1100x249x774	1100x249x774	1100x249x774	1200x300x874	1200x300x874
Package dimensions (WxHxD)	mm	1070x280x725	1305x315x805	1305x315x805	1305x315x805	1405x365x915	1405x365x915
Net weight/Gross weight	kg	23.4/28.8	32.6/39	32.2/39.4	32.2/39.4	46/54.5	46/54.5

OUTDOOR UNIT		YFAD-050R-01M25	YFAD-070R-01M25	YFAD-100R-01M25	YFAD-100R-01T35	YFAD-140R-01T35	YFAD-160R-01T35
Code		7SP063181	7SP063182	7SP063183	7SP063184	7SP063185	7SP063186
Sound pressure level at 1 m	dB(A)	58.5	60	63	62.5	62	62
Airflow	m³/h	2500	3650	3800	3800	6000	6000
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll	Scroll
Unit dimensions (WxHxD)	mm	805x554x330	890x673x342	946x810x410	946x810x410	900x1170x350	900x1170x350
Package dimensions (WxHxD)	mm	915x615x370	995x740x398	1090x885x500	1090x885x500	1032x1307x443	1032x1307x443
Net weight/Gross weight	kg	37.8/40.4	52.9/55.9	75.6/80.4	73.0/77.5	98.6/109.3	99.7/111.2

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		Indoor	Indoor	Outdoor	Outdoor	Indoor	Indoor
Power cable section	mm²	3x2.5	3x2.5	3x4.0	5x2.5	5x2.5	5x2.5
Fuse rating am	A	16	32	25	25	32	32
Electrical connections	mm²	3x2.5 + 2x1 + 2x0.75	3x2.5 + 3x1 + 2x0.2	3x1.5 + 3x1	3x1.5 + 3x1	5x2.5 + 3x1	5x2.5 + 3x1

PIPE LINE

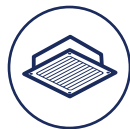
Gas pipe diameter	inches	1/2"	5/8"	3/4"	3/4"	3/4"	3/4"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	25	25	30	30	50	50
Max. height	m	15	15	20	20	30	30
Refrigerant/GWP		R410A/2088	R410A/2088	R410A/2088	R410A/2088	R410A/2088	R410A/2088
Charge (5 m)	kg	1.3	2.0	2.8	3	3.3	3.3
Additional charge	g/m	15	30	30	30	30	30

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
<p>DUCTED</p>  <p>DFMD</p>	<p>MONOSPLIT</p>  <p>YFAD</p>



Airwell



CASSETTE

range



MODELS

	7	9	12	18	24	36	48	60
kBTU/h	7	9	12	18	24	36	48	60
kW	2	2,5	3,5	5	7	10	14	16

p.28

CDMX



Cassette 360°



✓ ✓ ✓ ✓
90 x 90 cm

p.30

CFMD



Cassette 360°



✓ ✓ ✓ ✓
60 x 60 cm

✓ ✓ ✓ ✓
90 x 90 cm

+ PRODUCT

- RC18 remote control included
- Compact design
- 360° airflow
- Compatible multisplit

Connectivity



With LCAC Wi-Fi module in optional

Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



MULTIFLOW 360°



GOLDEN FIN TREATMENT EXCHANGERS

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 program for ACI. Check ongoing validity of certificate: www.eurovent-certification.com



- Models marked * are not Eurovent certified

CDMX

Cassette 360° - 90x90 cm



RC18 included

+ 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 7s).
- 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	CODE	PICTURE	FUNCTION
Wired remote control RCW32 Wi-Fi included.	7ACEL1925		• Weekly timer, mode, fan speed, On/Off timer, "I Feel" function, temperature.
Wired remote control RCW26	7ACEL1876		• Controls until 16 indoor units.
USB Wi-Fi kit	7ACEL1900		• Accessory for remote control via Wi-Fi for CDMX.

TECHNICAL DATA

INDOOR UNIT		CDMX-070N-09M25	CDMX-100N-09M25	CDMX-100N-09M25	CDMX-140N-09M25*
Code		7SP042293	7SP042294	7SP042294	7SP042295
Phase		Single-phase	Single-phase	Three-phase	Three-phase
COOLING					
Rated power (min./max.)	kW	7.03 (3.30~7.91)	10.55 (2.70~11.43)	10.55 (2.70~11.43)	14.07 (3.52~15.83)
Pdesignc	kW	7.00	10.50	10.50	14.00
Rated power input / EER	kW	2.43/2.88	3.95/2.65	3.96/2.65	4.65/3.02
SEER/Energy label		6.2/A++	6.7/A++	6.3/A++	6.1/A++
Operating limits	°C	-15°~50° Dry bulb			

HEATING					
Rated power (min./max.)	kW	7.40 (2.81~8.94)	11.14 (2.78~12.30)	11.14 (2.78~12.66)	16.12 (4.10~17.29)
Pdesignh (average climate)	kW	6.00	8.50	8.00	11.00
Pdesignh (warmer climate)	kW	6.30	10.10	10.10	12.00
Rated power input / COP	kW	1.80/4.10	2.96/3.72	2.96/3.72	4.58/3.52
SCOP/Energy label (average climate)		4.0/A+	4.0/A+	3.9/A	4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.0/A++
Operating limits	°C	-15°~24° Dry bulb			
Power at -7°C	kW	5.97	9.13	8.91	12.50
Power at -10°C	kW	5.70	8.71	8.50	11.93
Power at -15°C	kW	5.34	8.16	7.96	11.17

INDOOR UNIT					
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	42/47/50	46/48/51	46/48/51	48/50/52
Sound level	dB(A)	59	64	64	66
Airflow (LS/MS/HS)	m³/h	992/1118/1247	1300/1530/1700	1300/1530/1700	1600/1750/1900
Dehumidification	l/h	3.00	3.80	3.80	5.50
Unit dimensions (WxHxD)	mm	830x205x830	830x245x830	830x245x830	830x287x830
Package dimensions (WxHxD)	mm	910x250x910	910x290x910	910x290x910	910x330x910
Net weight/Gross weight	kg	21.6/25.4	27.2/31.2	27.2/31.2	29.3/33.5

PANEL					
Panel dimensions (LxHxP)	mm	950x55x950	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	6/9	6/9	6/9	6/9
Panel code		7ACVF0600	7ACVF0600	7ACVF0600	7ACVF0600

OUTDOOR UNIT		YDAX-070H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-140R-09T35
Code		7SP063254	7SP063173	7SP063174	7SP063247
Sound pressure level at 1 m	dB(A)	58	59	59	63
Sound level	dB(A)	69	70	70	74
Airflow	m³/h	3500	4000	4000	7500
Compressor type		Rotary	Rotary	Rotary	Rotary
Unit dimensions (WxHxD)	mm	890x673x342	946x810x410	946x810x410	952x1333x415
Package dimensions (WxHxD)	mm	995x740x398	1090x885x500	1090x885x500	1095x1480x495
Net weight/Gross weight	kg	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	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G2.5	3G4.0	5G2.5	5G2.5
Fuse rating am	A	20	25	16	16
Electrical connections in/out	mm²	4C1.5	4C1.5	4C1.5	4C1.5

PIPE LINE					
Gas pipe diameter	inches	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	3/8"	3/8"	3/8"	3/8"
Max. length	m	50	75	75	75
Max. height	m	25	30	30	30
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	1.50	2.40	2.40	2.90
Additional charge	g/m	24	24	24	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
<p>CASSETTE</p>  <p>CDMX 70N</p>  <p>CDMX 100N-140N</p>	<p>MONOSPLIT</p>  <p>YDAX</p>  <p>YDAX</p>

+ PRODUCT

- RC19 remote control included
- Compact design
- Alarm output and dry contact
- Integrated condensate pump
- 360° airflow with round corners
- G1 filter included
- Auxiliary air supply and fresh air inlet

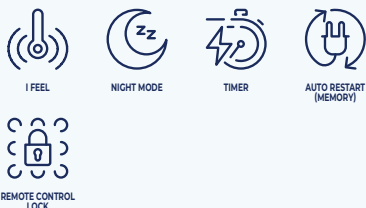
Technology



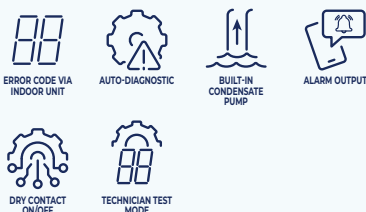
Air quality



User functions



Installer functions



CFMD

Cassette 360° - 90x90 cm



RC19 included



CFMD 035-050N



CFMD 070N-140N

+ USER

- Aesthetic appearance.
- Uniform airflow distribution for better comfort.

+ INSTALLER

- Ideal for small spaces.
- Parameters can be read on the indoor unit.

+ TECHNOLOGY

- High corrosion resistance with the Golden Fin.



Longer product service life:
 → Golden Fin exchanger.
 → Anti-corrosion treatment on PCB.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired single control RCW6	7ACEL1704		• Mode, fan speed, real time, timer, temperature, weekly timer and swing.
Wired single control RCW8	7ACEL1706		• Mode, fan speed, timer On/Off, temperature and swing.
Central controller RCW16	7ACEL1707		• Controls up to 64 indoor units with individual setting failure codes indication, On/Off dry contact, last operation memory, ModBus.

TECHNICAL DATA

INDOOR UNIT		CFMD-035N-01M25	CFMD-050N-01M25	CFMD-070N-01M25	CFMD-100N-01M25	CFMD-140N-01M25
Code		7SP042300	7SP042301	7SP042302	7SP042303	7SP042304
Phase		Single-phase	Single-phase	Single-phase	Three-phase	Three-phase

COOLING

Rated power	kW	3.52	5.28	7.03	10.55	14.07
Rated power input	kW	1.1	1.92	2.600	3.6	5.19
EER/Energy label		3.21/A	2.75/D	2.71/D	2.93/C	2.71/D
Operating limits	°C	18°~43° Dry bulb				

HEATING

Rated power	kW	3.81	5.57	7.62	11.14	15.24
Rated power input	kW	1.18	1.7	2.2	3.6	4.76
COP/Energy label		3.23/C	3.28/C	3.46/B	3.09/D	3.20/D
Operating limits	°C	-7°~24° Dry bulb				

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB(A)	33/36/41	38/42/45	37.5/40/45.5	45/48/52	50/52/54
Airflow (LS/MS/HS)	m³/h	388/477/612	470/570/730	820/1000/1300	1400/1660/1960	1620/1780/1916
Dehumidification	l/h	1.2	1.8	2.4	3.6	4.8
Unit dimensions (WxHxD)	mm	570x260x570	570x260x570	830x205x830	830x245x830	830x245x830
Package dimensions (WxHxD)	mm	662x317x662	662x317x662	910x250x910	950x250x910	910x250x910
Net weight/Gross weight	kg	15/17.8	16.4/19.4	22.2/26.2	26.1/30.0	28.3/32.3

PANEL

Panel dimensions (LxHxD)	mm	647x50x647	647x50x647	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	715x123x715	715x123x715	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5	06-sept	06-sept	06-sept
Panel code		7ACVF0566	7ACVF0566	7ACVF0600	7ACVF0600	7ACVF0600

OUTDOOR UNIT		YFAD-035R-01M25	YFAD-050R-01M25	YFAD-070R-01M25	YFAD-100R-01T35	YFAD-140R-01T35
Code		7SP063180	7SP063181	7SP063182	7SP063184	7SP063185
Sound pressure level at 1 m	dB(A)	55	58.5	60	62.5	62
Airflow	m³/h	2500	2500	3650	3800	6000
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll
Unit dimensions (WxHxD)	mm	805x554x330	805x554x330	890x673x342	946x810x410	900x1170x350
Package dimensions (WxHxD)	mm	915x615x370	915x615x370	995x740x398	1090x885x500	1032x1307x443
Net weight/Gross weight	kg	32.3/34.9	37.8/40.4	52.9/55.9	73.0/77.5	98.6/109.3

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
Power supply side		Indoor	Indoor	Indoor	Outdoor	Indoor
Power cable section	mm²	3x1.5	3x2.5	3x2.5	5x2.5	5x2.5
Fuse rating am	A	16	16	32	25	32
Electrical connections	mm²	3x2.5 + 2x1 + 2x0.75	3x2.5 + 2x1 + 2x0.75	3x2.5 + 3x1 + 2x0.5	3x1.5 + 3x1	5x2.5 + 3x1

PIPE LINE

Gas pipe diameter	inches	1/2"	1/2"	5/8"	3/4"	3/4"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"
Max. length	m	15	25	25	30	50
Max. height	m	8	15	15	20	30
Refrigerant/GWP		R410A/2088	R410A/2088	R410A/2088	R410A/2088	R410A/2088
Charge (5 m)	kg	0.85	1.3	2.0	2.85	3.3
Additional charge	g/m	15	15	30	30	30

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
CASSETTE  CFMD 035N & 050N	MONOSPLIT  YFAD
 CFMD 070N-100N	 YFAD
 CFMD 140N	 YFAD





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 technologies: 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.

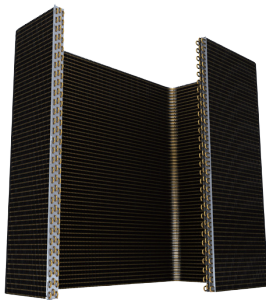
In addition, each Airwell VRF is protected by a series of sensors allowing the correct operation and Energetic efficiency of the installation to be guaranteed at all times.

Silent mode

Silent mode allows installation in restricted urban areas.

BLACK FIN ANTI-CORROSION TREATMENT

Standard **BlackFin** anti-corrosion treatment offering the highest salt spray resistance on the market to meet the most demanding requirements.



- Protection in extreme environments.
- Five times longer lifespan in saline environments.
- Hydrophilic film to prevent water retention.
- Reduced maintenance costs.
- Certified by an independent laboratory.

Consult our VRF catalogue to discover the details of our different ranges.





VVTA

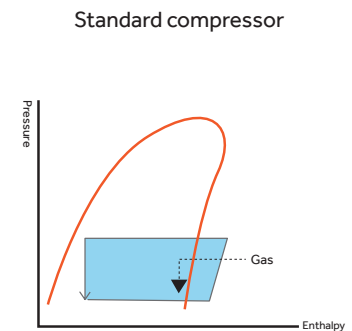
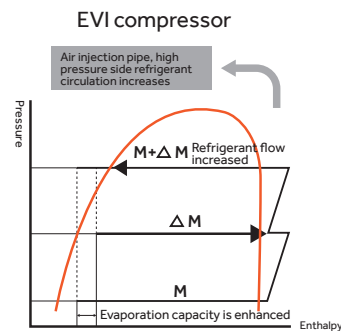
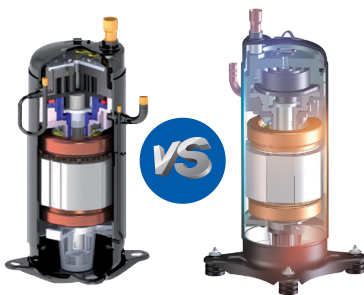
Reversible - Continuous heating - 2-pipes VRF range

The FlowLogic 2-pipe range has been revamped with a new innovative structure incorporating wide access to the technical space and a hinged electrical cabinet for easy maintenance!

- ▶ A unit capacity of up to 73.5 kW that can be coupled up to 4 modules.
- ▶ A new **4-way coil**, for better heat exchange.
- ▶ Standard Black Fin anti-corrosion treatment.
- ▶ Vapor-reinjected compressor.
- ▶ Continuous heating mode.
- ▶ Extended operating range.
- ▶ Integrated Modbus gateway.

COMPRESSOR EVI INNOVANT

- We have equipped this new range with an EVI (enhanced vapor injection) compressor to offer Airwell customers a unique experience. The unit incorporates a compressor with EVI technology which increases the flow of refrigerant by 15% and thus obtains a **30% improved efficiency in heating** compared to traditional compressors. In addition, thanks to the valve incorporated in the EVI compressor, **the efficiency of the system is increased by 5%** with operation down to -27°C in heating and up to +52°C in cooling.

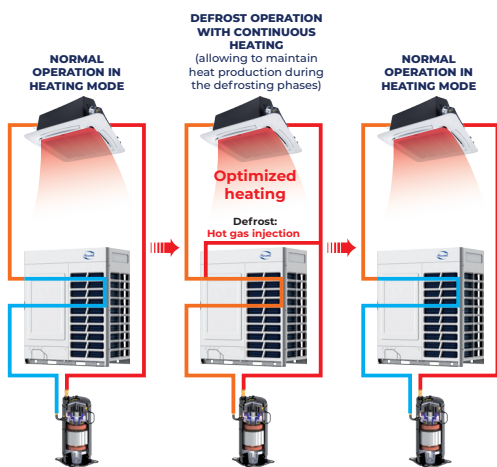


COMPATIBLE



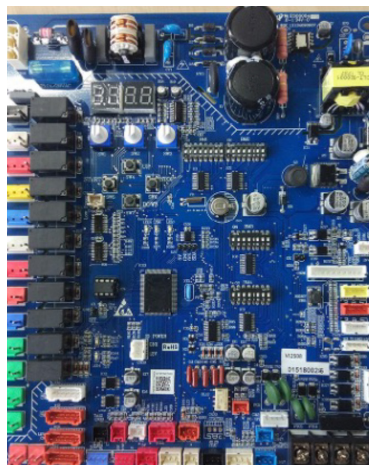
CONTINUOUS HEATING

- The EVI compressor allows the production of heat without interruption during the defrosting phases.
- The VVTA range uses intelligent defrosting technology, allowing heating production to be maintained even during defrosting phases. Indeed, an algorithm considering the pressure of the system, the temperature of the battery and influencing the variation of the fan motor allows us to offer this level of comfort by reducing the fluctuations of interior temperature.



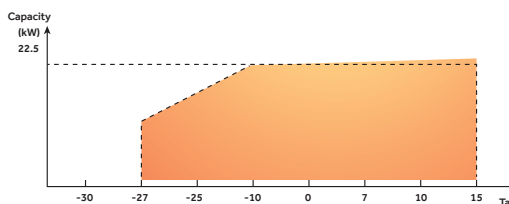
MODBUS OUTPUT INCLUDED

- No need for a gateway anymore to use a centralized controller or integrate the system with a BMS. An addressable and configurable Modbus output is directly available on the outdoor unit.



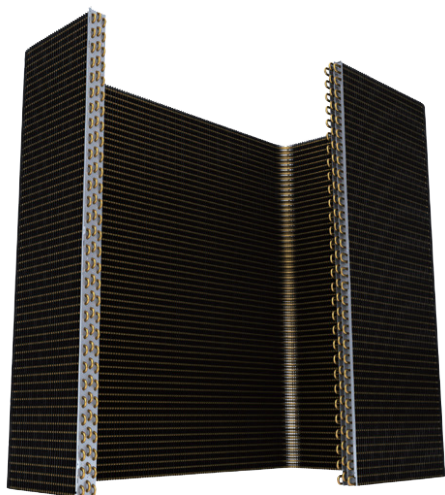
IMPROVED HEATING CAPACITY

- At low temperature, compared to standard machines, the heating capacity increases by 10%. In the 8HP unit for example, the heating capacity is 100% at -10°C outdoor temperature.



BLACK FIN ANTI-CORROSION TREATMENT

- Black anti-corrosion treatment End of series offering resistance of up to 2000 hours to salt spray to meet the most demanding constraints.



Black Fin coating - High resistance to corrosion.

- **High corrosion resistance:** The Black Fin coating protects aluminum from corrosion caused by exposure to environmental elements such as moisture, salt, and pollutants. This is particularly advantageous in harsh or coastal environments where corrosion can significantly reduce the unit's lifespan.
- **Hydrophilic properties:** The coating's hydrophilic nature means it can attract and disperse water more effectively. This results in improved water drainage, reduced water droplet buildup, and enhanced heat exchange efficiency. This property also helps reduce frost formation, which can impair heat exchanger performance.

+ PRODUCT

- Capacity from 25 to 294 kW
- Combination of 4 outdoor units possible
- Continuous heating
- EVI Scroll compressor
- Modbus outlet



Connectivity



Control systems



Technology



Installer functions



CERTIFICATION

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

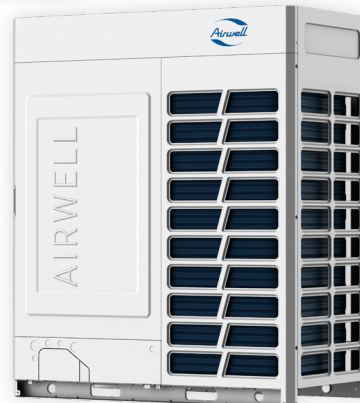


VVTA

2-pipes - Top discharge system



VVTA 250-450



VVTA 504-735

+ SUSTAINABLE DEVELOPMENT

- Low consumption and optimized regulation for greater energy savings.
- Improved efficiency at very low and very high temperature (from -27°C to 52°C) thanks to the EVI.

+ USER

- Heating mode uninterrupted during the defrost phases.
- Intuitive and efficient centralized management.
- Large choice of indoor units.
- Remotely controllable with AirConnect Smart.
- Silent mode to reduce noise levels in sensitive areas or at night.

+ INSTALLER

- Improved accessibility, thanks to the service door.
- Up to 1000 m of refrigeration network and 110 m of height difference.
- Modbus outlet for easy BMS integration.
- Access to all operating parameters, thanks to the HMI (Human Machine Interface).

+ TECHNOLOGY

- Automatic oil balance, no more balance tube.
- Reinforced anti-corrosion treatment.
- Compatible with AirConnect Pro and AirConnect Smart.
- 110 Pa available static pressure on outdoor fan(s).
- Cooling mode of the electrical cabinet via superconducting heat pipe.

ACCESSORIES

ACCESSORY	CODE	REF.	PICTURE	FUNCTION	COMMENT
Gather pipe kit for 2 outdoor groups	7ACFHH013	TBS20		• Refrigerant gathering	• For 2 outdoor groups
Gather pipe kit for 3 outdoor groups	7ACFHH014	TBS30		• Refrigerant gathering	• For 3 outdoor groups
Gather pipe kit for 4 outdoor groups	7ACFHH014 + 7ACFHH015	TBS30 + TAU2040		• Refrigerant gathering	• For 4 outdoor groups
Manifold pipe (gas + liquid)	7ACFHH001	TAU335		• Refrigerant gathering	• 33.5 kW > Total IDU power
	7ACFHH002	TAU506		• Refrigerant gathering	• 33.5 kW ≤ Total IDU power < 50.6 kW
	7ACFHH003	TAU730		• Refrigerant gathering	• 50.6 kW ≤ Total IDU power < 73 kW
	7ACFHH004	TAU1350		• Refrigerant gathering	• 73 kW ≤ Total IDU power < 135 kW
	7ACFHH015	TAU2040		• Refrigerant gathering	• 135 kW ≤ Total IDU power
Maintenance tool	7ACELH014	TD03		• Working parameters monitoring and recording tool	
Smart Wi-Fi module	7ACEL1869	-		• Remote control by the smart Wi-Fi module and controlled by the AirConnect Smart application	• Module dimensions: 86x86x12 mm.

TECHNICAL DATA

MODEL	DÉPART USINE						DÉPART USINE					
	VVTA-250R-01T32	VVTA-280R-01T32	VVTA-335R-01T32	VVTA-400R-01T32	VVTA-450R-01T32	VVTA-504R-01T32	VVTA-560R-01T32	VVTA-615R-01T32	VVTA-680R-01T32	VVTA-735R-01T32		
Code	7VF150050	7VF150051	7VF150052	7VF150053	7VF150054	7VF150055	7VF150056	7VF150057	7VF150058	7VF150059		
Phase	Three phases											
Power	CV	8	10	12	14	16	18	20	22	24	26	
COOLING MODE												
Rated power*	kW	25.20	28.00	33.50	40.00	45.00	50.40	56.00	61.50	68.00	73.50	
Rated power input	kW	6.24	7.37	10.15	11.94	13.24	15.60	16.62	20.16	22.67	36.75	
Max. power input	kW	14.30	15.10	16.32	17.58	20.69	25.90	28.91	31.82	32.81	37.80	
Rated current	A	10.53	12.44	17.14	20.16	22.34	26.34	28.05	34.03	37.65	59.24	
Max. current	A	23.81	25.14	27.17	29.27	34.50	40.30	46.30	51.91	54.12	61.91	
EER		4.04	3.80	3.30	3.35	3.40	3.23	3.37	3.05	3.00	2.00	
SEER		7.25	7.09	6.69	6.60	6.36	6.78	6.75	6.54	5.83	4.90	
Seasonal operating limits		287.00	280.60	264.60	261.00	251.40	268.20	267.00	258.60	230.20	193.00	
HEATING MODE												
Rated power*	kW	25.20	28.00	33.50	40.00	45.00	50.40	56.00	61.50	68.00	73.50	
Rated power input	kW	5.73	6.51	8.59	10.00	11.25	13.19	14.66	18.64	19.43	26.25	
Max. power input	kW	11.69	12.19	12.69	16.10	19.56	21.93	24.70	25.69	30.40	32.45	
Rated current	A	9.67	10.99	14.50	16.88	18.99	22.27	24.75	31.46	32.80	44.32	
Max. current	A	19.47	20.30	21.13	26.81	32.57	36.51	41.13	42.78	50.62	54.03	
COP		4.40	4.30	3.90	4.00	4.00	3.82	3.82	3.30	3.50	2.80	
SCOP		4.41	4.31	4.31	4.12	4.05	4.15	4.20	4.21	4.17	3.5	
Seasonal operating limits		173.40	169.40	169.40	161.80	159.00	163.00	165.00	165.40	163.80	137.00	
POWER SUPPLY												
Phase/Voltage/Frequency		3P/380-415V/50-60Hz										
PERFORMANCE												
Airflow (HS)	m ³ /h	11000	11000	12000	13500	13500	17000	17000	18000	18000	19000	
Sound pressure	Cooling mode	dB(A)		61	61	61	64	64	64	64	-	-
	Heating mode	dB(A)		56	56	59	59	60	61	61	61	62
Sound power level (HS)	dB(A)		81	82	88	88	88	88	88	88	90	90
INSTALLATION												
Unit dimensions (WxHxD)	mm	980x1690x750					1410x1690x750					
Package dimensions (WxHxD)	mm	1070x1858x850					1515x1858x850					
Net weight/Gross weight	kg	255/280					385/410					
Compressor	Type	Scroll DCI					Scroll DCI					
	Brand	Mitsubishi Electric					Mitsubishi Electric					
	Number of compressors	1					2					
Refrigerant/GWP												
Charge	kg	R410A/2088										
Liquid pipe diameter	inches	3/8" **			1/2"			5/8"				
Gas pipe diameter	inches	3/4" ***	7/8" ***	1" ***		1 1/8"	1 1/8"					
Max. length	m	1000										
Max. length (equivalent/actual)	m	260/220										
Max. height between indoor and outdoor units (ODU down/up) ⁽¹⁾	m	110/90										
Standard height between indoor and outdoor units (ODU down/up) ⁽²⁾	m	50/40										
Max. height between indoor units ⁽³⁾	m	30										
Standard height between indoor unit ⁽⁴⁾	m	18										
External static pressure	Pa	110										
Indoor/outdoor unit power ratio (min./max.)	%	50~130										
Maximum number of connectable indoor units	quantity	13	16	20	24	27	30	33	36	40	43	
OPERATING LIMITS												
Cooling mode (min. /max.)	°C	-5/+52										
Heating mode (min. /max.)	°C	-27/+21										

(1) If the height difference between the outdoor and the indoor units is from 50 to 110m, you MUST contact your local distributor/dealer for individual design and production.
 (2) Standard design and production in the factory.
 (3) If the height difference between the indoor units is from 18 to 30m, you MUST contact your local distributor/dealer for individual design and production.
 (4) Standard design and production in the factory.

* All the specifications are tested under nominal condition as per Eurovent conditions (in cooling mode: indoor temperature is 27°C DB/19°C WB, outdoor temperature 35°C DB/24°C WB; in heating mode: indoor temperature is 20°C DB, outdoor temperature is 7°C DB/6°C WB). ** Allow for a reduction because the valve is 1/2". *** Allow for a reduction because the valve is 1 1/8".

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 aeraulic 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

	HIGH WALL	HVVB	NEW	FLUID R410A	FLUID R32
	CASSETTE 600X600	CVQB	NEW	FLUID R410A	FLUID R32
	360° CASSETTE	CVTB	NEW	FLUID R410A	FLUID R32
	1-WAY CASSETTE	CVPB	NEW	FLUID R410A	FLUID R32
	2-WAYS CASSETTE	CVOB	NEW	FLUID R410A	FLUID R32
	LOW-PRESSURE DUCTED	DVLB	NEW	FLUID R410A	FLUID R32
	MEDIUM-PRESSURE DUCTED	DVMB	NEW	FLUID R410A	FLUID R32
	HIGH-PRESSURE DUCTED	DVHA		FLUID R410A	
	HIGH-PRESSURE DUCTED	DVFA		FLUID R410A	
	CONSOLE	XVVB	NEW	FLUID R410A	FLUID R32
	FLOOR CEILING	FVVA		FLUID R410A	
	HYDROBOX	OVVA		FLUID R410A	
	AHU CONNECTION KIT				



CAPACITY (KBTU/H)	5	7	9	12	16	18	24	28	30	38	48	60	72	96	192	
CAPACITY (HP)	0.5	0.75	1.25	1.5	1.75	2.25	3	3.5	3.75	4.75	6	7	9	12	24	
COOLING MODE (KW)	1.5	2.2	2.8	3.6	4.5	5.6	7.1	8	9	11.2	14	16	22.6	28	56	
HEATING MODE (KW)	1.7	2.5	3.2	4	5	6.3	8	9	10	12.5	16	18	25	31.5	63	73.5

HVVB		•	•	•	•	•	•	•	•							
CVQB	•	•	•	•	•	•	•									
CVTB						•	•	•	•	•	•	•	•			
CVPB			•	•	•											
CVOB			•	•	•	•	•									
DVLB		•	•	•	•	•	•									
DVMB		•	•	•	•	•	•	•	•	•	•	•	•			
DVHA													•	•		
DVFA							•	•		•	•	•		•	•	
XVVB				•	•		•									
FWVA				•	•	•	•	•	•	•	•	•				
OVVA									•		•			•		
AHU connection kit				•	•	•	•	•	•	•	•	•	•	•	•	•

VRF





AIR/WATER HEAT PUMP

range

MODELS

			MODE	DOMESTIC HOT WATER	
p.42	NEW WELLEA M HT 	Monoblock heat pump Water temperature up to 75°C	 FLUID R290	Heating and cooling	Optional
p.44	NEW WELLEA M DF HT 	Monoblock heat pump Water temperature up to 85°C	 FLUID R290	Heating and cooling	Optional

+ PRODUCT

- RCW31 controller included
- Water temperature up to 75°C, ideal for renovated installation
- 3 kW or 9 kW electric back-up included⁽¹⁾

Connectivity



* Available in 2026 (with AirConnect 4.0).

Technology



GREEN FIN TREATMENT EXCHANGERS

User functions



Installer functions



Heating



WELLEA M HT

Monoblock heat pump with R290 natural fluid



RCW31 included

+ SUSTAINABLE DEVELOPMENT

- Energy savings 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=0.02.

+ 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).
- Remote control via Netatmo thermostat.

+ INSTALLER

- Cascade management up to 6 units.
- Customizable 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) à 5 m⁽²⁾.
- Operates in extreme temperatures thanks to a dedicated condensate tray.
- Maintains power even in cold weather.
- Class VI regulation with RCW31.

(1) Acoustic pressure of 4 kW model, free field directivity 1.
 (2) Available with the Netatmo thermostat.
 (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
Code	7MBI40020	7MBI40021	7MBI40022	7MBI40023	7MBI40024	7MBI40025	7MBI40026	7MBI40027	7MBI40028	7MBI40029
Phase	Single-phase				Single-phase			Three-phase		

HEATING MODE

Air +7°C Water 35°C	Heating capacity	kW	4.50	6.20	8.40	10.00	12.00	14.00	15.00	12.00	14.00	15.00
	Power input	kW	0.87	1.27	1.68	2.13	2.50	3.11	3.41	2.50	3.11	3.41
	COP		5.15	4.90	5.00	4.70	4.80	4.50	4.40	4.80	4.50	4.40
Air -7°C Water 35°C	Heating capacity	kW	4.50	5.90	7.00	8.00	10.00	11.50	12.70	10.00	11.50	12.70
	Power input	kW	1.45	2.00	2.33	2.81	3.57	4.26	5.08	3.57	4.26	5.08
	COP		3.10	2.95	3.00	2.85	2.80	2.70	2.50	2.80	2.70	2.50
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 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 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

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

PERFORMANCES

Energy label (average climate)	Water outlet at 35°C		A+++				A+++					
	Water outlet at 55°C		A++				A++					
Seasonal efficiency (average climate)	Water outlet at 35°C	%	200	193	204	200	184	182	180	184	182	180
	Water outlet at 55°C	%	149	150	150	150	142	141	140	142	141	140
SCOP (average climate)	Water outlet at 35°C		5.07	4.89	5.19	5.07	4.67	4.63	4.59	4.67	4.63	4.59
	Water outlet at 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
Sound level quiet mode		dB(A)	-	-	-	-	-	-	-	58	59	60
Sound pressure level quiet mode (1m)		dB(A)	-	-	-	-	-	-	-	43	44	48

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/Frequency		1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz		
Power cable section	mm ²	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	mm ²	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)	mm ²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75

INSTALLATION AND OTHERS

Airflow	m ³ /h	2770	4030	4060	4650	4060	4650		
Refrigerant/GWP		R290/0.02							
Charge	kg	0.7	1.1	1.25					
Unit 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			

+ PRODUCT

- RCW31 controller included
- Water temperature up to 85°C
- DHW temperature up to 70°C
- Cascade up to 6 units

Connectivity



* With AirConnect 4.0.

Technology



GREEN FIN TREATMENT EXCHANGERS

User functions



Installer functions



Heating



WELLEA M DF HT

Monoblock heat pump with R290 natural fluid



RCW31 included

+ SUSTAINABLE DEVELOPMENT

- Energy savings thanks to A+++ energy class.
- Maintains performance down to -10°C without the need for an electrical back-up.
- Natural refrigerant with low environmental impact, GWP=0.02.

+ INSTALLER

- Customizable water program.
- High temperature up to 85°C.
- Specific anti-corrosion treatment.
- Cascade operation up to 234 kW.

+ TECHNOLOGY



- R290 EVI compressor.
- Works down to an outdoor of -25°C.
- Class VI regulation with RCW31.

+ USER

- Ideal for small multi-unit buildings.
- Keeps your cast iron radiators at a water temperature of 75°C.
- Quiet operation.
- Remote control via Netatmo thermostat.

(1) Available with the Netatmo thermostat.

TECHNICAL DATA

UNITS OUTDOORS			BDHX-260R-04T35	BDHX-300R-04T35	BDHX-350R-04T35	BDHX-400R-04T35
Code			7MB140030	7MB140031	7MB140032	7MB140033
Phase			Three-phase	Three-phase	Three-phase	Three-phase
HEATING MODE						
 Air +7°C Water 30/35°C	Heating capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	5.45	6.67	8.40	9.75
	COP		4.77	4.50	4.17	4.00
Air -7°C Water 30/35°C	Heating capacity	kW	26.06	29.04	33.15	33.65
	Power input	kW	10.62	11.60	14.46	12.84
	COP		2.45	2.50	2.29	2.62
Air +7°C Water 47/55°C	Heating capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	7.85	9.57	11.75	14.00
	COP		3.31	3.13	2.98	2.79
Air -7°C Water 47/55°C	Heating capacity	kW	27.43	30.22	34.90	36.52
	Power input	kW	13.35	15.14	18.18	16.37
	COP		2.05	2.00	1.92	2.23
Air +7°C Water 55/70°C	Heating capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	10.61	12.20	14.90	14.00
	COP		2.45	2.46	2.35	2.79
Air -7°C Water 55/70°C	Heating capacity	kW	28.63	31.54	36.42	38.01
	Power input	kW	16.11	18.26	21.93	20.75
	COP		1.78	1.73	1.66	1.83
Air +7°C Water 65/80°C	Heating capacity	kW	25.80	28.43	32.82	36.58
	Power input	kW	11.37	12.89	16.83	19.75
	COP		2.27	2.20	1.95	1.85
Air -7°C Water 65/80°C	Heating capacity	kW	24.32	26.80	30.94	33.70
	Power input	kW	15.43	17.49	21.00	24.42
	COP		1.58	1.53	1.47	1.38
COOLING MODE						
 Air 35°C Water 12/7°C	Cooling capacity	kW	26.00	30.00	32.00	32.00
	Power input	kW	8.40	10.70	11.98	11.98
	EER		3.10	2.80	2.67	2.67
Air 35°C Water 23/18°C	Cooling capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	5.60	6.80	8.50	9.85
	EER		4.64	4.41	4.12	3.96
PERFORMANCES						
Energy label (average climate)	Water outlet at 35°C		A+++			A++
	Water outlet at 55°C		A+++	A++		
Seasonal efficiency (average climate)	Water outlet at 35°C	%	195	194	176	170
	Water outlet at 55°C	%	150	148	142	135
SCOP (average climate)	Water outlet at 35°C		4.95	4.92	4.48	3.84
	Water outlet at 55°C		3.84	3.79	3.63	3.00
Sound level		dB(A)	69	74	75	76
Sound pressure level (1m)		dB(A)	55	61	62	62
Sound level quiet mode		dB(A)	62	62	63.5	65
Sound pressure level quiet mode (1m)		dB(A)	45	47	48	50.5
Sound pressure level quiet mode (2m)		dB(A)	45	47	48	48.5
OPERATING LIMITS						
Outdoor air temperature	Cooling	°C	-15/48			
	Heating	°C	-25/43			
	Domestic hot water	°C	-25/43			
POWER SUPPLY						
Phase/Voltage/Frequency			3P/380-415V/50Hz			
Power cable section	mm ²	5G6	5G10	5G10	5G10	5G10
Fuse rating am	A	32	32	40	40	40
Remote controller connection (shielded)	mm ²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75
INSTALLATION AND OTHERS						
Airflow	m ³ /h	11000				
Refrigerant/GWP		R290/0.02				
Charge	kg	2.9				
Unit dimensions (WxHxD)	mm	1384x1816x523				
Package dimensions (WxHxD)	mm	1480x2000x570				
Net weight/Gross weight	kg	260/285				
Pipe diameter (water)	inches	R1-1/4"				





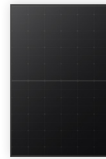
SOLAR

solutions

MODELS

p.48

PV modules



NEW

Inverters



NEW

Battery kits



NEW

Monitoring



Electrical boxes



NEW

Fixing systems



Photovoltaic kits



p.51

SolarFrost



SOLAR ENERGY FOR THERMAL COMFORT



Turnkey solution

Complete, pre-assembled kits for quick, reliable, and error-free installation.



Sizing assistance

Optimized configurations based on the heat pump to maximize self-consumption.



Intelligent energy management

Thanks to Sunpilot, consume more energy when you produce it.



Why choose AirSolar Solutions?



An all-inclusive offer

All system components, from the mounting bracket to the control app, are supplied by Airwell.



Simple and secure installation

Pre-configured kits, easy storage, and reduced risk of on-site errors.



Unique heat pump + solar optimization

Sunpilot automatically adapts the heat pump's operation to photovoltaic production to maximize self-consumption without compromising user comfort.

PV MODULES



INVERTER



COMPACT ISYBOX KIT FIXING



**DOWNLOAD THE
DOCUMENTATION**



**For more details, refer to the AirSolar
Solutions Solar Guide, available in
our document library.**

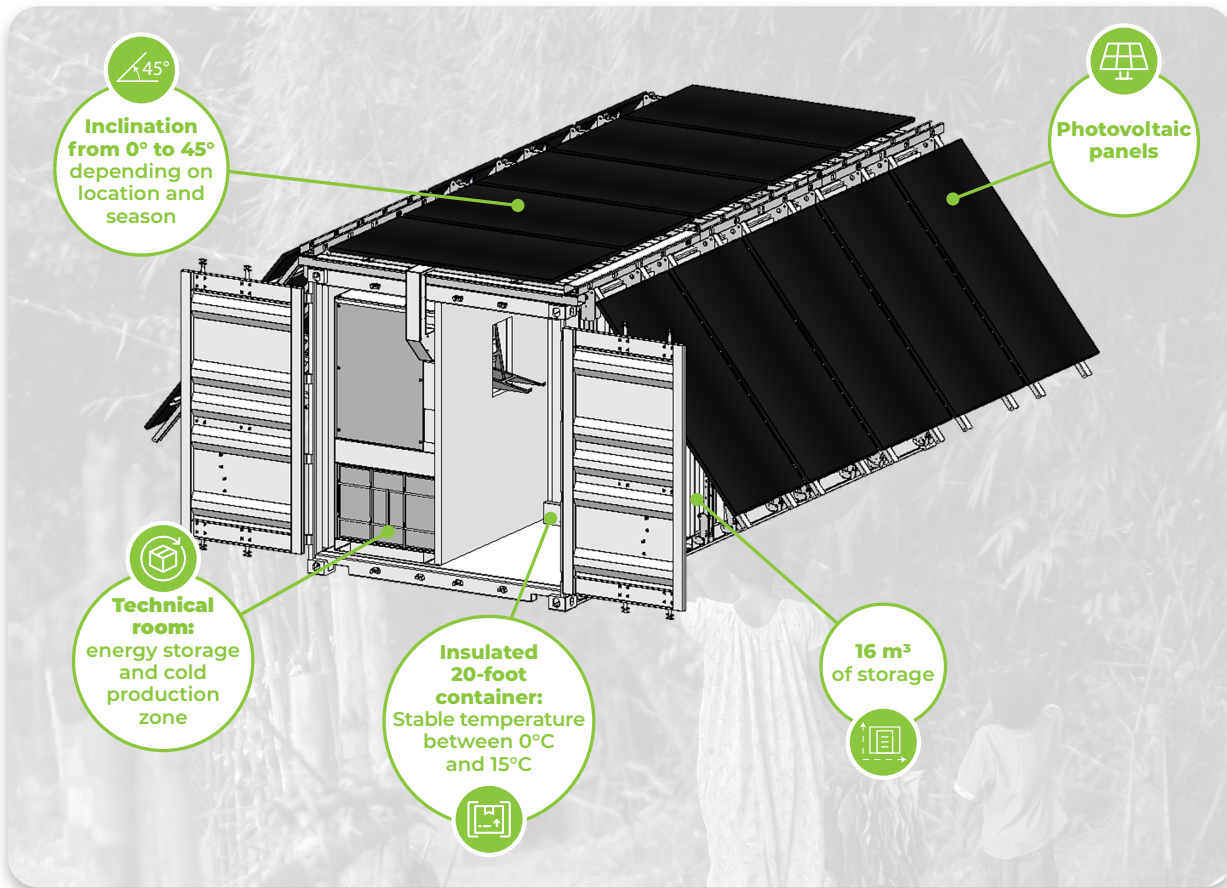


SOLARFROST

The autonomous solar powered cold room

Conserve valuable resources with the Autonomous Solar Powered Cold Room!

This solution allows you to keep foodstuffs or medicines around the world, in order to facilitate and improve accessibility to essential resources, even in the absence of an electricity grid.



SolarFrost, a simple principle: the sun's rays are captured by solar panels and then transformed into electrical energy to power a refrigeration unit. Solar panels, batteries, cooling unit, inverter, all components are available in SolarFrost, making it a off-grid and plug-and-play solution.

An all-in-one solution



Compact, mobile and modular

SolarFrost is easy to transport thanks to its innovative deployment method. Moreover, the number of solar panels and batteries can be adjusted according to the energy needs for a maximum autonomy.

MARITIME TRANSPORT

Solar panels are stored inside for shipping

SOLARFROST READY FOR USE

A simple mechanical system allows the deployment of solar panels in 1 day

Easy assembly from the manual

For any emergency intervention, SolarFrost can also be transported by helicopter.



A sustainable product and guarantee of a reputable brand



With over 75 years of experience in the energy field and a presence in 80 countries, we are committed to serving our customers by designing solutions that best suit their projects. Each Autonomous Solar Powered Cold Room is the result of **in-depth study and meticulous manufacturing in France**. It ensures that you have chosen a durable and high-quality product!

2 ZERO HUNGER
End hunger, achieve food security and improved nutrition and promote sustainable agriculture

7 AFFORDABLE AND CLEAN ENERGY
Ensure access to affordable, reliable, sustainable and modern energy for all

8 DECENT WORK AND ECONOMIC GROWTH
Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

12 RESPONSIBLE CONSUMPTION AND PRODUCTION
Ensure sustainable consumption and production patterns

13 CLIMATE ACTION
Take urgent action to combat climate change and its impacts

While using a renewable energy source, SolarFrost will permit to feed and care while the electricity grid has been damaged.



An economic and profitable investment

The return on investment of a solar installation enables significant cost savings.

Using a natural and abundant resource such as the sun allows a reduction in costs on the long term compared to generator sets. With SolarFrost, you are opting for a strategy to reduce fuel consumption. In case of high solar production, a power outlet will permit you to maximize self-consumption.



Connected for an integral service

Your screen will display the evolution of storage and energy production, consumption and state of charge. With just one click, you will be able to view the associated graphs and adjust the set temperature as needed.

If a component malfunctions, you will be promptly notified, so that you can provide Airwell the useful information for rapid fixing.

Various applications



This solution presents an **opportunity for economic, social, and health development. Fruits, vegetables, meats, fish, beverages, dairy products, medications, or vaccines**; all sensitive perishable goods can be preserved at the appropriate temperature.

SolarFrost will greatly contribute to:

- **Ensure** conservation of essential goods
- **Limit** the use of transportation
- **Control** food and medicine stocks
- **Improve** environmental performance
- **Facilitate** emergency intervention

*More information
about the solution*



Installation accessories

ACCESSORY	REFERENCE	PICTURE	CODE	FUNCTION
COPPER				
Insulated Copper M1	1/4"-3/8" - 10ml		7ACFH0810	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Bracket for outdoor unit installation (monosplit and multisplit). Screws and bolts + anti-vibration mounts supplied
4 anti-vibration pads (kit)			7ACTL0508	<ul style="list-style-type: none"> Ideal for reducing noise and vibrations (neighborhood)
Floor mount recycled rubber (pair)	length 600 mm		7ACTL0509	<ul style="list-style-type: none"> Necessary for a professional installation. High quality: using rubber.
	Length 1000 mm		7ACTL0510	
Floor mount (pair)	450x100 mm		7ACTL0513	<ul style="list-style-type: none"> Necessary for a professional installation. Good quality price ratio: using PVC.
CONDENSATE PUMP				
Condensate pump Mini Flowatch MF2			7ACTL0517	<ul style="list-style-type: none"> Evacuates condensates from indoor units.
Condensate pump FlowatchDesign (gutter)				<ul style="list-style-type: none"> Evacuates condensates from indoor units.

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	01 Floor ceiling
7	Airwell OG Chilled water terminal	02 High wall
E	Electra KT Kit	03 Ducted
J	Johnson MB Monoblock	04 Cassette
	SP Split (2 units)	05 Window
	CK Unassembled product	06 Monosplit condensing unit
	PR Spare part	07 Console
	EN Renewable energy	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 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

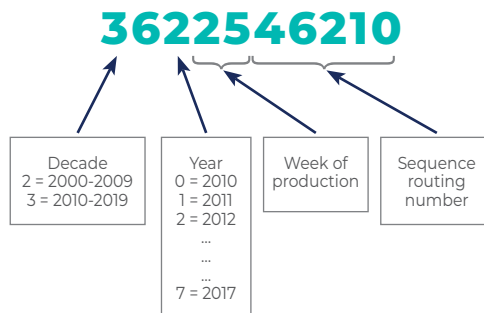
3 ► UNDERSTANDING PRODUCT REFERENCES

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 identified with a unique serial number which can assist tracing the unit.



CERTIFICATIONS



EUROVENT
The product is Eurovent certified.



KEYMARK CERTIFICATION
The product is Keymark certified.



SMART GRID
A feature that allows you to transform the free energy from your photovoltaic panels into thermal energy (hot water) that you can use when you shower.

PERFORMANCES



R290 FLUID
Refrigerant fluid R290.
GWP = 0.02



R32 FLUID
Refrigerant fluid R32.
GWP = 675



R410A FLUID
Refrigerant fluid R410A.
GWP = 2100

TECHNOLOGY & CONNECTIVITY



FLEXY MATCH
Outdoor unit compatible with different indoor units.



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



3D SWING
Optimum airflow distribution, thanks to the control of the horizontal and vertical grilles integrated into the indoor unit.



MULTIFLUX 360°
Homogeneous 360° airflow for improved comfort.



OPTIPOWER
Intelligent power management to optimize energy savings



GOLDEN FIN TREATMENT EXCHANGERS
Protects heat exchangers against corrosion while improving heat transfer.



BLACK FIN TREATMENT EXCHANGERS
Enhanced corrosion protection and increased efficiency.



PLATINIUM97 TREATMENT
Enhanced protection against harsh environments.



SMART MODE
Analyzing habits to optimize hot water production.



NETATMO
Control application Netatmo.



AIRHOME
Control application Airwell.



AIRCONNECT SMART
Control application Airwell.



SMART LIFE
Third-party control application.



COMPATIBLE HYBRID HOUSE
Product compatible with the Hybrid House option.

AIR QUALITY



IONIZER
It cleans the indoor air and reduces the amount of dust.



ANTIBACTERIAL FILTER
Traps dust and bacteria for better air quality.



I CLEAN MODE
Cleaning and drying the indoor unit for better air quality.



CLEAN PRO MODE
Cleaning, drying and sterilizing the indoor unit.



FILTRE HEPA 13
Filters 99.95% of PM2.5 fine particles.



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



FRESH AIR SUPPLY
Cools the room by bringing fresh air from outside.

USER FUNCTIONS



I FEEL

Optimum comfort, thanks to the ambient temperature sensor integrated into the remote control.



NIGHT MODE

Economy mode which controls cooling or heating during the night.



MODE NUIT +

Intelligent night mode: Considers the outside temperature.



QUIET MODE

Lower noise levels for greater acoustic comfort.



REFRIGERANT LEAKAGE DETECTOR

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



PROGRAMMABLE TIMER

Daily programming based on the user's lifestyle.



TIMER

Timer for switching the appliance on or off.



AUTO RESTART (MEMORY)

In case of power failure, automatic restart in the last operating mode of the system.



REMOTE CONTROL LOCK

Locks the remote functions to avoid inadvertent actions.



WI-FI

Remote control via Wi-Fi using the app.



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.

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.



COMPATIBLE BMS

Connection possible to BMS system via Modbus.



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 run at a very low ambient temperature.

HEATING RANGE



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.



DOMESTIC HOT WATER

Production of domestic hot water.



FLOOR HEATING

Connection possible to a heated/cooled floor.



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.

AFTER-SALES SERVICE

**YOUR AFTER-SALES,
TECHNICAL SUPPORT,
ORDER SPARE PARTS CONTACT**

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TECHNICAL SUPPORT

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