

+ PRODUCT

- A+++ energy efficiency rating in cooling mode across all 4 power settings
- Guaranteed heating down to -25°C
- From 19 dB(A), 21 dB(A) at 7 kW
- Up to 50 m in length and 25 m in height difference
- Built-in Wi-Fi as standard
- Dual Platinum97 + treatment Golden Fin technology
- Compatible with ZDAA / ZDAB multisplit systems

Connectivity



Technology



Air quality



User functions



Installer functions



CERTIFICATION



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

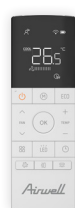
www.eurovent-certification.com

Certified performance in monosplit configuration.

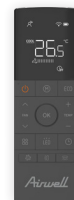
NEW

HDMC Harmonia

High wall - High performance and energy efficiency



RC24
included



RC24B
included

+ SUSTAINABLE DEVELOPMENT

- Energy class A+++ in cooling mode and A++ in heating mode.
- SEER up to 8.8 and SCOP of 4.6 in a temperate climate.
- R32 refrigerant, charge reduced to 1.08 kg on the 7.0 kW model.
- Dual anti-corrosion treatment: Platinum97 and Golden Fin – extended service life, fewer replacements.

+ USER

- Low noise level, from 19 dB(A): ideal for living areas (bedroom, study, living room, etc.).
- Heating without a booster: 100% heating capacity maintained down to -12°C, and operation down to -25°C outdoor temperature.
- Multi-directional airflow for air distribution throughout the room.
- Ioniser and high-performance filters for better air quality.
- Wi-Fi included for remote control and energy consumption monitoring.
- 8°C frost protection mode to maintain an unoccupied home with minimal energy consumption.
- Contemporary design, matt white or matt black, with a matching remote control.

+ INSTALLER

- One-piece wall bracket, spirit level and integrated graduated markings.
- Adjustable support leg at the rear of the unit: the unit remains clear of the wall whilst making the connections.
- Standard connection diameters.
- Up to 50 m in length and 25 m of vertical drop.
- Condensate drainage to the right or left, with direct access to the drain pan for maintenance.
- Direct access to the circuit board and fan motor.
- Installer and technician modes for reading and adjusting operating parameters.
- Locking of setpoint temperature ranges during commissioning.
- Optional Arctic version: heated casing cables (20 W) and chassis cables (150 W), for cold and damp regions.

+ TECHNOLOGY

- Platinum97 treatment: a high-performance acrylic resin that protects the fins of the heat exchanger against corrosion, moisture and sea air.
- Golden Fin treatment on the indoor and outdoor heat exchangers, to prevent oxidation of the fins.
- Operating range from -15 to +50°C in cooling mode, and down to -25°C in heating mode.
- Automatic cleaning of the heat exchangers via the Clean Pro cycle.
- OptiPower function: power settings of 50%, 75% or 100% via the app, in single-split configuration.
- Integrated refrigerant leak detection.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote control RCW32 (card 7ACEL1952 required)	7ACEL1925		• Weekly timer, mode, fan speed, timer, on/off, "I Feel" function, temperature.
Expansion card	7ACEL1952		• This card allows adding: ON/OFF contact, alarm contact, Modbus, wired remote control.
Condensate pump FlowwatchDesign (gutter)	7ACTL0518		• Condensate evacuation from indoor units.

TECHNICAL DATA

INDOOR UNIT - MATTE WHITE		HDMC-025N-09M25	HDMC-035N-09M25	HDMC-050N-09M25	HDMC-070N-09M25
Code - Matte white		7SP024080	7SP024081	7SP024082	7SP024083
INDOOR UNIT - MATTE BLACK		HDMC-025N-09M25-BK	HDMC-035N-09M25-BK	HDMC-050N-09M25-BK	HDMC-070N-09M25-BK
Code - Matte black		7SP024084	7SP024085	7SP024086	7SP024087
Phase		Single-phase	Single-phase	Single-phase	Single-phase
COOLING					
Rated power (min./max.)	kW	2.60 (1.03/3.22)	3.50 (1.38/4.31)	5.00 (1.99/5.80)	6.10 (3.02/8.79)
Pdesigngc	kW	2.60	3.50	5.00	6.10
Rated power input	kW	0.63	1.04	1.39	1.74
EER		4.20	3.40	3.60	3.51
SEER/Energy label		8.8/A+++	8.5/A+++	8.5/A+++	8.5/A+++
Operating limits	°C	-15~50			
HEATING					
Rated power (min./max.)	kW	2.90 (0.82/3.37)	3.81 (1.07/4.38)	5.40 (1.35/6.30)	7.30 (1.52/9.47)
Pdesignh (average climate)	kW	2.50	2.60	4.00	4.90
Pdesignh (warmer climate)	kW	2.60	3.10	4.40	5.00
Rated power input	kW	0.67	0.98	1.44	1.97
COP		4.40	3.91	3.75	3.71
SCOP/Energy label (average climate)		4.6/A++	4.6/A++	4.6/A++	4.6/A++
SCOP/Energy label (warmer climate)		6.0/A+++	6.0/A+++	5.7/A+++	5.1/A+++
Operating limits	°C	-25~24			
Max. power at -7°C	kW	2,83	2,91	4,46	5,39
Max. power at -15°C	kW	2,34	2,34	3,10	4,27
Max. power at -20°C	kW	1,95	1,94	2,54	3,43
Max. power at -25°C	kW	1,35	1,43	1,87	2,60
INDOOR UNIT					
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	19/22/31/37	21/22/33/39	21/32/40/44	21/34/37/46
Sound level	dB(A)	56	56	58	59
Airflow (LS/MS/HS)	m³/h	285/360/510	370/450/600	470/600/800	635/790/1090
Dehumidification	l/h	1.0	1.2	1.8	2.4
Unit dimensions (WxHxD) - Matte white	mm	727x289x204	817x289x204	980x308x222	1059x330x236
Package dimensions (WxHxD) - Matte white	mm	795x365x280	885x365x280	1050x385x300	1140x420x320
Unit dimensions (WxHxD) - Matte black	mm	723x286x199	813x289x201	975x308x218	1055x330x231
Package dimensions (WxHxD) - Matte black	mm	780x365x270	870x365x270	1035x385x295	1130x405x315
Net weight/Gross weight	kg	7.5/9.6	8.0/10.4	10.2/13.3	13.0/16.4
OUTDOOR UNIT		YDAC-025R-09M25	YDAC-035R-09M25	YDAC-050R-09M25	YDAC-070R-09M25
Code		7SP063270	7SP063271	7SP063272	7SP063273
Sound pressure level at 1 m	dB(A)	51	52	54	57
Sound level	dB(A)	62	62	65	68
Airflow	m³/h	2200	2200	3500	3500
Compressor type		Rotary	Rotary	Rotary	Rotary
Unit dimensions (WxHxD)	mm	765x555x303	765x555x303	890x673x342	890x673x342
Package dimensions (WxHxD)	mm	887x610x337	887x610x337	995x740x398	995x740x398
Net weight/Gross weight	kg	23.1/25.4	23.1/25.4	37.8/41.0	41.0/44.0
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	3G2.5	3G2.5
Fuse rating am (curve D)	A	16	16	20	20
Shielded electrical connections	mm²	5G1.5	5G1.5	5G1.5	5G1.5
PIPE LINE					
Gas pipe diameter	inches	3/8"	3/8"	1/2"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
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	0.58	0.85	1.08
Additional charge	g/m	12	12	12	12

MATCHING

