



DC Inverter
Reversible

Airwell

HDHC

High wall

A+++

HYBRID
HOUSE by Airwell



RC18
included

+ PRODUCT

- RC18 remote control included
- Design
- Performance
- Compatible with ZDAA multisplit

FEATURES

TECHNOLOGY



4D AIRFLOW



GOLDEN FIN TREATMENT

AIR QUALITY/CLEAN



ANTIBACTERIAL FILTER



AUTO CLEAN/DRY

USER FUNCTIONS



PROGRAMMABLE TIMER



I FEEL



NIGHT MODE



SUPER QUIET



REMOTE CONTROL LOCK



REFRIGERANT LEAKAGE DETECTOR



AUTO RESTART (MEMORY)

INSTALLER FUNCTIONS



ERROR PART NUMBER VIA INDOOR UNIT



AUTO-DIAGNOSTIC



LEFT/RIGHT CONDENSATE CONNECTION



HEATING ONLY MODE

CERTIFICATION

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



- Certified in Monosplit configuration

+ «SUSTAINABLE DEVELOPMENT»

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

+ «USER»

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

+ «TECHNOLOGY»

- > Heater in the outdoor unit for heating performance and comfort down to -25°C.
- > Room sensor built into the remote control for better comfort ("I Feel" mode).
- > Automatic cleaning and drying of the indoor unit for better hygiene.
- > Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.

+ «INSTALLER»

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



TECHNICAL DATA

HDHC

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

COOLING

Rated power (min./max.)	kW	2.72 (1.31-3.80)	3.51 (1.31-3.95)	5.27 (1.99-6.12)	7.03 (2.11-8.20)
Pdesignc	kW	2.60	3.50	5.30	7.00
Rated power input	kW	0.73	1.21	1.55	2.60
SEER/Energy label		8.6/A+++	8.5/A+++	8.5/A+++	8.5/A+++
Operating limits	°C	-15~50° Dry bulb			

HEATING

Rated power (min./max.)	kW	3.13 (0.87-4.39)	3.95 (0.87-4.54)	5.56 (1.34-6.76)	7.32 (1.55-8.21)
Pdesignh (average climate)	kW	2.40	2.40	4.30	5.00
Pdesignh (warmer climate)		2.40	2.50	4.30	5.50
Rated power input	kW	0.69	0.99	1.50	1.97
SCOP/Energy label (average climate)		4.6/A++	4.6/A++	4.6/A++	4.2/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.4/A+++	5.3/A+++
SCOP/Energy label (colder climate)		3.8/A	3.7/A	3.66/A	3.4/A
Operating limits	°C	-25~24° Dry bulb			
Power at -7°C	kW	3.11	3.16	4.44	6.74
Power at -10°C	kW	2.89	2.94	3.91	6.13
Power at -15°C	kW	2.12	2.34	3.22	5.34

INDOOR UNIT

Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	20.5/21.5/32/37	21/22/33/40	22/23/35/41	21/33/40/44.5
Sound level	dB(A)	58	59	59	65
Airflow (LS/MS/HS)	m³/h	280/360/530	290/380/560	400/580/685	379/724/1092
Dehumidification	l/h	1.00	1.20	1.80	2.40
Unit dimensions (WxHxD)	mm	795x295x225	795x295x225	965x319x239	1140x275x370
Package dimensions (WxHxD)	mm	870x305x370	870x305x370	1045x325x400	1230x355x455
Net weight/Gross weight	kg	10.2/13	10.2/13	12.3/16.4	20/25.3

OUTDOOR UNIT		YDAC-025R-09M25	YDAC-035R-09M25	YDAC-050R-09M25	YDAC-070R-09M25
Part number		7SP063220	7SP063221	7SP063222	7SP063223
Sound pressure level at 1 m	dB(A)	53	53	54	58.5
Sound level	dB(A)	64	64	65	68
Airflow	m³/h	2200	2200	3500	3500
Compressor type		Rotary	Rotary	Rotary	Rotary
Unit dimensions (WxHxD)	mm	805x554x330	805x554x330	890x673x342	890x673x342
Package dimensions (WxHxD)	mm	915x615x370	915x615x370	995x740x398	995x740x398
Net weight/Gross weight	kg	28.4/31	28.4/31	38.8/41.9	45.6/48.8

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/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	3x1.5	3x1.5	3x1.5	3x2.5
Max. current (D curve)	A	16	16	20	25
Shielded electrical connections	mm²	1.5x5	1.5x5	1.5x5	2.5x5

PIPE LINE

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

MATCHING



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