



DC Inverter
Reversible



HYBRID
HOUSE by Airwell



Airwell

HDHC Artica

High wall - High efficiency &
Energetic efficiency



RC18
included

+ PRODUCT

- RC18 remote control included
- Heating performance until -25°C
- Built-in Wi-Fi
- Compatible with ZDAA multisplit

FEATURES

TECHNOLOGY



AIR QUALITY/CLEAN



USER FUNCTIONS



INSTALLER FUNCTIONS



CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. 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, guaranteeing energy savings.
- > Environment friendly R32 refrigerant.

+ “USER”

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

+ “TECHNOLOGY”

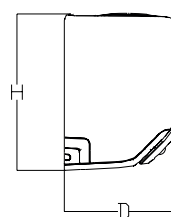
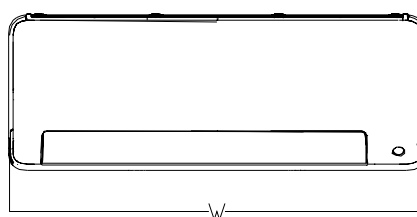
- > Resistor in outdoor unit for heating performance and comfort down to -25°C.
- > Room sensor built into the remote control for better comfort (“I Feel” mode by pressing the TURBO button on the remote control for 7 s).
- > Automatic cleaning of heat exchangers for better hygiene and performance.
- > Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.

+ “INSTALLER”

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



TECHNICAL DRAWS



DIMENSIONS (mm)

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

TECHNICAL DATA

HDHC Artica

INDOOR UNIT		HDHC-025N-09M25	HDHC-035N-09M25	HDHC-050N-09M25	HDHC-070N-09M25
Part number		7SP023280	7SP023281	7SP023282	7SP023283
Phase		Single-phase	Single-phase	Single-phase	Single-phase
COOLING					
Rated power (min./max.)	kW	2.73 (1.32~3.81)	3.52 (1.32~3.96)	5.28 (1.99~6.13)	7.03 (2.11~8.21)
Pdesigngc	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	3.14 (0.88~4.40)	3.96 (0.88~4.54)	5.57 (1.35~6.77)	7.33 (1.55~8.21)
Pdesignh (average climate)	kW	2.40	2.40	4.30	5.00
Pdesignh (warmer climate)	kW	2.40	2.50	4.30	5.50
Pdesignh (colder climate)	kW	3.60	3.60	6.40	7.30
Rated power input	kW	0.69	0.99	1.50	1.97
SCOP/Energy label (average climate)		4.6/A++	4.6/A++	4.3/A+	4.2/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.4/A+++	5.3/A+++
SCOP/Energy label (colder climate)		3.8/A	3.8/A	3.6/A	3.3/B
Operating limits	°C	-25~24° Dry bulb			
Power at -7°C	kW	3.42	3.47	4.78	6.76
Power at -10°C	kW	3.26	3.31	4.56	6.45
Power at -15°C	kW	3.06	3.10	4.27	6.04

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

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

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

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

MATCHING



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