

+ PRODUCT

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

HDHC Artica

High wall - High efficiency & Energetic efficiency

COOLING **A+++** HEATING **A++** FLUID **R32**

Connectivity



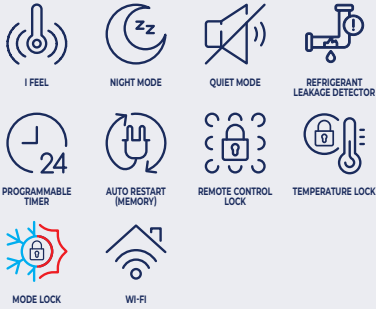
Technology



Air quality



User functions



Installer functions

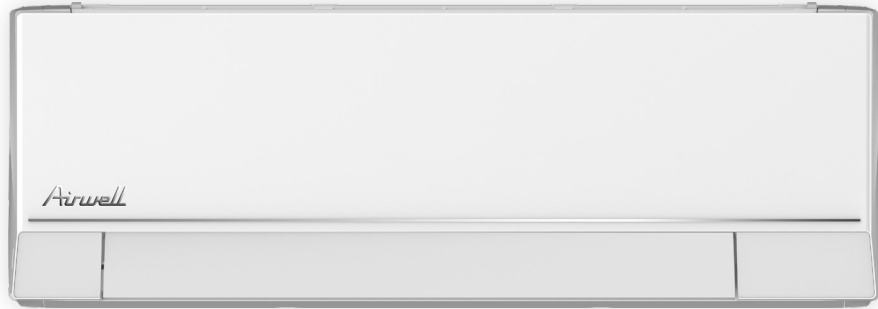


CERTIFICATION

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



- Certified performance in monosplit configuration



RC18 included

+ “SUSTAINABLE DEVELOPMENT”

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

+ “TECHNOLOGY”

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

+ “USER”

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

+ “INSTALLER”

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



High-performance at extreme temperatures:

→ Heating function down to -25°C.

TECHNICAL DATA

INDOOR UNIT		HDHC-025N-09M25	HDHC-035N-09M25	HDHC-050N-09M25	HDHC-070N-09M25
Part number		7SP024045	7SP024046	7SP024047	7SP024048
Phase		Single-phase	Single-phase	Single-phase	Single-phase
COOLING					
Rated power (min./max.)	kW	2.73 (1.32~3.81)	3.52 (1.32~3.96)	5.28 (1.99~6.13)	7.03 (2.11~8.21)
Pdesignc	kW	2.60	3.50	5.30	7.00
Rated power input / EER	kW	0.57/4.54	0.86/4.05	1.29/4.10	1.77/3.95
SEER/Energy label		8.6/A+++	8.5/A+++	8.5/A+++	8.5/A+++
Operating limits	°C	-15~50° Dry bulb			

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

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

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

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

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

MATCHING

