

AF50DBAHRA-SET

- Compact & Sleek Design with Reddot 2025
- Optimised Heating efficiency: -shaped evaporator design: Maximizes heat transfer performance; Very efficient model in terms of heating performance, meeting the requirements of many rebate and energy efficiency schemes.
- On VEU in AU & on EECA in NZ
- Comfortable Airflow: A dual-blade winder deflector and left-right swing flap design are adopted to control air supply. Users can choose different air supply modes according to their preferences
- Cooling Mode: When the cooling mode is turned on, users can avoid direct exposure to the cold airflow.
- Heating Mode: When the heating mode is turned on, the warm air is delivered directly to cover the floor and ensure the temperature is evenly balanced at every corner of the room
- Easy to Clean: Through innovative structural design, the disassembly steps of the fan and the drain pan are simplified, making the fan and drain pan easy to clean.
- Easy Fan Disassembly: The fan can be easily removed

- Flexible Installation: Our unit offers flexible installation options to meet diverse needs. It can be installed as a standard setup, with skirting board, semi-recessed, or fully recessed. This flexibility enhances installation efficiency and helps reduce installation costs.

SPECIFICATIONS

Accessories (included)

Central controller	Optional
IR Controller	•
SmartHQ WiFi control	•
Standard controller	6178AH-1

Accessories (sold separately)

Central controller	Optional
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Capacity

Cooling capacity (kW)	5 kW
Heating capacity (kW)	6 kW

Consumption

COP	3.797
EER	3.876
Energy rating (cooling)	5
Energy rating (heating)	6

HSPF-RES (Hot/Average/Cold)	4.915/4.331/3.828
HSPFCOM (Hot/Average/Cold)	4.929/4.579/4.135
Star-Cool (Hot/Average/Cold)	3.5/3.5/3.5
Star-Heat (Hot/Average/Cold)	3.0/2.5/2.0
TCSPF-COM (Hot/Average/Cold)	5.819/5.979/6.414
TCSPF-RES (Hot/Average/Cold)	5.424/5.087/5.313

Features

24 hour timer	•
Anti-bacterial silver ion coating	•
Auto swing-up and down	•
Blue fin coils	•
Built-in Wi-Fi smart control	•
Compressor type	Inverter twin rotary
Concealed LED display	•
Cyber security support	30 / 03 / 2031
DRED (Demand Response) ready	Optional HPRT-DRA001
Dry mode	•
Electronic expansion device	•
Google Home	•
Heat pump	•
Infrared remote control	•

Intelligent air	•
Internal and external heat exchanger self-cleaning	•
Inverter controlled compressor	•
MEPS approved	•
Motor type	DC motor
Power mode	•
Refrigerant factory charge	1.1 kg
Self diagnostics	•
Sleep mode	•
Smart appliance	•
UV Protect	•
UV Protect	•
Voice control via Google Home or Amazon Alexa	•
Wi-Fi controller compatible	•

Installation

Indoor unit model	AF50DBAHRA
Indoor unit weight	14 kg
Outdoor unit model	1U50WA1FRA
Outdoor unit weight	42 kg
Pipe length maximum	25 m
Pipe size gas	12.7mm
Pipe size liquid	6.35mm

Performance

Airflow	225L/S
DC Inverter	•
Indoor sound pressure SPL	44/38/33 dBA
Outdoor sound power SWL	64 dBA
Outdoor sound pressure SPL	52 dBA
R32 Refrigerant	•
Self cleaning evaporator	•
Working temperature cooling	-10°C to +46°C
Working temperature heating	-15°C to +24°C

Power requirements

Power phase	Single phase
Power supply	1/220-240/50
Supply frequency	50Hz Hz
Supply voltage	220-240V V

Product dimensions

Indoor unit depth	220 mm
Indoor unit height	600 mm
Indoor unit width	750 mm
Net Weight	14 kg
Outdoor unit depth	340 mm
Outdoor unit height	705 mm
Outdoor unit width	890 mm

Warranty

Parts and labour	5 years
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SKU	51826
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