

AS90PFDHRA-SET

SPECIFICATIONS

Accessories (included)

Central controller	Optional
IR Controller	•
SmarrHQ WiFi control	•
Standard controller	wireless

Capacity

Cooling capacity (kW)	9 kW
Heating capacity (kW)	9.5 kW

Consumption

COP	3.57 / 3.54
EER	3.40 / 3.37
HSPF-RES (Hot/Average/Cold)	4.481 / 3.908 / 3.392
Star-Cool (Hot/Average/Cold)	4.5 / 3.5 / 4.0
Star-Heat (Hot/Average/Cold)	2.5 / 2.0 / 1.5
TCSPF-RES (Hot/Average/Cold)	6.078 / 5.394 / 5.746

Features

24 hour timer	•
56°C Steri-clean	•
Anti-bacterial silver ion coating	•
Auto restart	•
Auto swing-up and down	•
Blue fin coils	•
Built-in Wi-Fi smart control	•
Concealed LED display	•
Cyber security support	04 / 03 / 2028
DRED (Demand Response) ready	Optional HPRT-DRA001
Dry mode	•
Electronic expansion device	•
Google Home	•
Infrared remote control	•
Intelligent air	•
Internal and external heat exchanger self-cleaning	•
Inverter controlled compressor	•
MEPS approved	•
Motor type	DC motor
Refrigerant factory charge	1.55 kg
Self diagnostics	•
Smart appliance	•
UV Protect	•
Voice control via Google Home or Amazon Alexa	•

Installation

Indoor unit model	AS90PFDHRA
Indoor unit weight	21.5 kg
Outdoor unit model	1U90XADFRA
Outdoor unit weight	51 kg
Pipe length maximum	25 m
Pipe size gas	Pipe size 15.88mm
Pipe size liquid	Pipe size 6.35mm

Performance

Airflow	320/305/290 L/S
DC Inverter	•
Indoor sound pressure SPL	48 / 42 / 36 / 30 dBA
Outdoor sound power SWL	69 dBA
Outdoor sound pressure SPL	56 dBA
R32 Refrigerant	•
Working temperature cooling	□-10°C to +46°C
Working temperature heating	□-15°C to +24°C

Power requirements

Power phase	Single phase
Supply frequency	50 Hz
Supply voltage	230 V

Product dimensions

Indoor unit depth	275 mm
Indoor unit height	365 mm
Indoor unit width	1316 mm
Outdoor unit depth	370 mm
Outdoor unit height	815 mm
Outdoor unit width	950 mm

Warranty

Parts and labour	5 years
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SKU	51642
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