

AD105HN5FA-SET

SPECIFICATIONS

Accessories (sold separately)

Central controller	Optional
IR controller	Optional
SmarthQ WiFi control	Optional
Standard controller	YR-E17A, YR-E16b, HW-SA201ABK, HW-PA201ABK, HW-SA301AFK, HW-PB101AFK

Capacity

Cooling capacity (kW)	10.3 kW
Heating capacity (kW)	10.8 kW

Consumption

COP	4.24
EER	3.38
HSPF-RES (Hot/Average/Cold)	4.293/4.026/3.568
HSPFCOM (Hot/Average/Cold)	4.279/4.105/3.738

TCSPF-COM (Hot/Average/Cold)	4.835/4.883/5.193
TCSPF-RES (Hot/Average/Cold)	4.502/4.115/4.225

Features

24 hour timer	•
Auto restart	•
Blue fin coils	•
Compressor type	Inverter twin rotary
Cyber security support	31 / 01 / 2028
DRED (Demand Response) ready	•
Electronic expansion device	•
Inverter controlled compressor	•
MEPS approved	•
Motor type	DC motor
Refrigerant factory charge	2.3 kg
Self diagnostics	•
Sleep mode	•
Smart appliance	•
VEU approved	•
Voice control via Google Home or Amazon Alexa	•
Wi-Fi controller compatible	•

Installation

Indoor unit model	AD105S2SH5FA
Indoor unit weight	59 kg
Outdoor unit model	1U105S5SN5FA
Outdoor unit weight	74 kg
Pipe length maximum	50 m
Pipe size gas	15.88 (5/8)
Pipe size liquid	9.52 (3/8)

Performance

Airflow	800/665/525/385
DC Inverter	•
Indoor sound pressure SPL	45/41/37/33 dBA
Outdoor sound power SWL	68 dBA
Outdoor sound pressure SPL	52 dBA
R32 Refrigerant	•
Working temperature cooling	−15 to +50
Working temperature heating	−20°C to +24°C

Power requirements

Minimum circuit amps	24 MCA
Power phase	Single phase
Power supply	1/220~240/50
Supply frequency	50 Hz
Supply voltage	230 V

Product dimensions

Indoor unit depth	490 mm
Indoor unit height	425 mm
Indoor unit width	1350 mm
Outdoor unit depth	370 mm
Outdoor unit height	965 mm
Outdoor unit width	950 mm

Warranty

Parts and labour	5 years
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SKU	51820
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