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 (⅝)**
Pipe size liquid	**9.52 (⅜)**

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**

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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**

SKU	51820

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