

ABH105KN5FA-SET

SPECIFICATIONS

Accessories (included)

IR Controller	•
Standard controller	YR-HBS01

Accessories (sold separately)

Central controller	Optional
SmarthQ WiFi control	Optional
Standard controller	YR-E17A, YR-E16b, HW-SA201, HW-SA201ABK, HW-PA201ABK, HW-SA301AFK, HW-PB101AFK

Capacity

Cooling capacity (kW)	10 kW
Heating capacity (kW)	11.5 kW

Consumption

COP	3.3
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EER	3.21
HSPF-RES (Hot/Average/Cold)	3.912/3.415/2.947
HSPFCOM (Hot/Average/Cold)	3.913/3.494/3.119
TCSPF-COM (Hot/Average/Cold)	4.617/4.682/4.989
TCSPF-RES (Hot/Average/Cold)	4.305/3.972/4.097

Features

360° airflow	•
Auto restart	•
Auto swing-up and down	•
Blue fin coils	•
Compressor type	Twin rotary
Concealed LED display	•
Condensate pump	•
Cyber security support	31 / 01 / 2028
DRED (Demand Response) ready	•
Electronic expansion device	•
Fresh air connection	•
Infrared remote control	•
Inverter controlled compressor	•
MEPS approved	•
Motor type	DC motor
Refrigerant factory charge	2.3 kg
Smart appliance	•

Standard panel	PB-950KB
Standard panel	PB-950KB

Installation

Indoor unit model	ABH105K5ERG
Indoor unit weight	32 kg
Outdoor unit model	1U105S5SN5FA
Outdoor unit weight	74 kg
Pipe length maximum	50 m
Pipe size gas	Pipe size 15.88mm
Pipe size liquid	9.52 (3/8)

Performance

Airflow	490/405/335/295
Indoor sound pressure SPL	45/42/37/34 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□ to +24□

Power requirements

Minimum circuit amps	22 MCA
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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	840 mm
Indoor unit height	288 mm
Indoor unit width	840 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	51822
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