

ABH105KN5FA-SET

SPECIFICATIONS

Accessories (included)

IR Controller	•
Standard controller	YR-HQS01

Accessories (sold separately)

Central controller	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	3.54
EER	3.16

HSPF-RES (Hot/Average/Cold)	4.436/3.956/3.528
HSPFCOM (Hot/Average/Cold)	4.447/4.16/3.784
Star-Cool (Hot/Average/Cold)	2.5/2.0/2.5
Star-Heat (Hot/Average/Cold)	2.5/2.0/2.0
TCSPF-COM (Hot/Average/Cold)	4.598/4.668/4.979
TCSPF-RES (Hot/Average/Cold)	4.284/3.953/4.083

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
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	1U100S2SN5FA
Outdoor unit weight	83 kg
Pipe length maximum	50 m
Pipe size gas	15.9mm
Pipe size liquid	9.52mm

Performance

Airflow	490/105/335/295
Indoor sound pressure SPL	45-34 dBA
Outdoor sound power SWL	68 dBA
Outdoor sound pressure SPL	52 dBA
R32 Refrigerant	•
Working temperature cooling	-20°C to +24°C
Working temperature heating	□-15□ to +50□

Power requirements

Minimum circuit amps	23 MCA
Supply frequency	50 Hz

Supply voltage220-240 V

[↓](#) User Guide (English)

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

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Warranty

Parts and labour5 years

SKU51713

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