

Specifications

| Series | | | airHome 600 | | | | | |
|-------------------------------|---|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-----------------------|
| Model | Indoor Unit | | RAK-VJ18PHAE | RAK-VJ25PHAE | RAK-VJ35PHAE | RAK-VJ42PHAE | RAK-VJ50PHAE | |
| | Outdoor Unit | | RAC-VJ18PHAE | RAC-VJ25PHAE | RAC-VJ35PHAE | RAC-VJ42PHAE | RAC-VJ50PHAE | |
| CAPACITY & RATING | Nominal Capacity (Min. - Max.) | Cooling | kW | 2.00 (0.90 - 2.50) | 2.50 (0.90 - 3.10) | 3.50 (0.90- 4.00) | 4.20 (1.70- 5.00) | 5.00 (1.90- 5.20) |
| | | Heating | kW | 2.50 (0.90 - 3.20) | 3.40 (0.90- 4.40) | 4.20 (0.90- 5.00) | 5.40 (1.7- 6.00) | 6.00 (2.2- 7.30) |
| | Energy Efficiency | SEER | | 8.5 | 8.5 | 8.5 | 7.5 | 7.35 |
| | | SCOP | | 4.9 | 4.9 | 4.9 | 4.6 | 4.6 |
| Energy Rating (Energy class) | Cooling | | A+++ | A+++ | A+++ | A++ | A++ | |
| | Heating | | A++ | A++ | A++ | A++ | A++ | |
| FEATURES | Inverter | For energy efficiency | | ● | ● | ● | ● | ● |
| | Heating function | For winter heating | | ● | ● | ● | ● | ● |
| | airCloud Home | App for remote control & scheduling | | ● | ● | ● | ● | ● |
| | FrostWash | Maintains airflow performance | | ● | ● | ● | ● | ● |
| | Mold Guard | Prevents build-up of mold | | ● | ● | ● | ● | ● |
| | Smart Eco | Automated power saving | | ● | ● | ● | ● | ● |
| Air Purification Technologies | Stainless Pre-Filter | Filters large particles | | ● | ● | ● | ● | ● |
| | Air Purification Filter | ViroSense Z1 filter | | ● | ● | ● | ● | ● |
| | FrostWash | automatic self-cleaning | | ● | ● | ● | ● | ● |
| | Ionizer | AqtiV-Ion | | ● | ● | ● | ● | ● |
| TECHNICAL SPECS | Power Supply | V / Phase / Hz | 220-240V / 1Ph / 50Hz | 220-240V / 1Ph / 50Hz | 220-240V / 1Ph / 50Hz | 220-240V / 1Ph / 50Hz | 220-240V / 1Ph / 50Hz | 220-240V / 1Ph / 50Hz |
| | Nominal Cooling Power Input (Min. - Max.) | Watts | 419 (250 - 1010) | 549 (250 - 1290) | 875 (250 - 1460) | 1120 (300 - 1700) | 1471 (300 - 2100) | |
| | Nominal Heating Power Input (Min. - Max.) | Watts | 519 (250 - 970) | 733 (250 - 1500) | 1000 (250 - 1700) | 1317 (500 - 2100) | 1558 (500 - 2750) | |
| | Starting Current (cooling/heating) | Amps | 2.46/2.93 | 3.08/3.87 | 4.43/5.11 | 5.10/5.99 | 6.69/7.09 | |
| | Running Current (cooling/heating) | Amps | 1.09-4.39 /1.09-4.22 | 1.09-5.61 /1.09-6.52 | 1.09-6.35 /1.09-7.39 | 1.30-7.39 /2.17-8.70 | 1.30-8.70 /2.17-11.96 | |
| | Operation Range | Cooling | °C | -10°C~ 46°C | -10°C~ 46°C | -10°C~ 46°C | -10°C~ 46°C | -10°C~ 46°C |
| | | Heating | °C | -15°C~21°C | -15°C~21°C | -15°C~21°C | -15°C~21°C | -15°C~21°C |
| | Refrigerant | Type | | R32 | R32 | R32 | R32 | R32 |
| | | Current Amount | kg | 0.87 | 0.87 | 0.87 | 1.05 | 1.05 |
| | Compressor Type | | | ROTARY | ROTARY | ROTARY | 2 Cylinder Rotary | 2 Cylinder Rotary |
| | Diameter of Pipes | Liquid | Inch | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" |
| | | Gas | Inch | 3/8" | 3/8" | 3/8" | 1/2" | 1/2" |
| | Maximum Pipe Length | m | | 20 | 20 | 20 | 20 | 20 |
| | Maximum Piping Elevation | m | | 10 | 10 | 10 | 10 | 10 |
| Dehumidification | l / h | | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | |
| Indoor Unit | Dimension (W×H×D) | mm | 780×280×227 | 780×280×227 | 780×280×227 | 780×280×227 | 780×280×227 | |
| | Weight | kg | 8.6 | 8.6 | 8.6 | 8.8 | 8.8 | |
| | Air Flow (Max.) | m³ / h | 500 | 550 | 680 | 720 | 750 | |
| | Sound Power | dB(A) | 51 | 54 | 57 | 60 | 60 | |
| | Sound Pressure | dB(A) | 19/22/33/36/38 | 20/23/34/39/41 | 26/27/36/42/44 | 27/31/39/44/46 | 27/31/39/44/46 | |
| Outdoor Unit | Dimension (W×H×D) | mm | 750×548×288 | 750×548×288 | 750×548×288 | 792×600×299 | 792×600×299 | |
| | Weight | kg | 31.6 | 31.6 | 31.6 | 39.5 | 39.5 | |
| | Sound Power | dB(A) | 58 | 60 | 61 | 63 | 63 | |
| | Sound Pressure | dB(A) | 45 | 47 | 49 | 50 | 50 | |