



WindFree™ 4-Way Mini Cassette (600*600)

- Slim & compact at 11kg, about 35% lighter than our conventional products.
- Attractive panel and display that promotes a neat, tidy look for an aesthetic flair that blends perfectly with any ambiance.
- WindFree™ Cooling with 9000 micro air holes ensure a gentle dispersed airflow.
- Digital Inverter technology ensures fast economical heating/cooling.
- Up to 50% less energy usage compared to non-inverter units.
- Quiet air distribution - The aerodynamically designed turbo fan minimises blade movement noise.
- Cools in outdoor heat of up to 48°C and warms in temperatures of -24°C.
- Eco-friendly R32 Refrigerant.
- Easy installation and maintenance and maximum airflow with an efficient design and robust performance.



Tasteful design, compact & lightweight build.

The WindFree™ 4-Way Mini Cassette builds on the aesthetic appeal and performance of the standard WindFree™ 4-Way Cassette with an enhanced design. Samsung's exclusive WindFree™ Cooling technology effectively maintains comfortable levels of coolness without the unpleasant feeling of cold wind. This model (600 x 600) comes in a variety of patterns to complement any interior. The stylish cassette unit visually harmonizes with the indoor space, while efficient cooling and heating performance make it a dependable and practical air conditioning solution.



| Model Code | | AC026RNNDKG/EU | AC035RNNDKG/EU | AC052RNNDKG/EU | AC071RNNDKG/EU |
|---|--|---|---|---|---|
| Features | Type | 2.6kW-1Φ-Mini 4way | 3.5kW-1Φ-Mini 4way | 5.2kW-1Φ-Mini 4way | 7.1kW-1Φ-Mini 4way |
| Model Name | Indoor Unit | AC026RNNDKG/EU | AC035RNNDKG/EU | AC052RNNDKG/EU | AC071RNNDKG/EU |
| | Outdoor Unit | AC026RXADKG/EU | AC035RXADKG/EU | AC052RXADKG/EU | AC071RXADKG/EU |
| System | Mode | HEAT PUMP | HEAT PUMP | HEAT PUMP | HEAT PUMP |
| Capacity | Cooling [kW] | 0.87 / 2.60 / 4.10 kW | 0.88 / 3.50 / 4.50 kW | 1.30 / 5.00 / 6.20 kW | 1.50 / 6.80 / 8.30 kW |
| | Heating [kW] | 0.98 / 3.40 / 4.10 kW | 1.00 / 4.00 / 4.80 kW | 1.30 / 5.50 / 7.50 kW | 1.90 / 7.50 / 9.00 kW |
| Power Input (Nominal) | Cooling 1) | 0.16 / 0.67 / 1.20 kW | 0.18 / 1.03 / 1.40 kW | 0.31 / 1.53 / 2.10 kW | 0.35 / 2.75 / 3.60 kW |
| | Heating 2) | 0.20 / 0.92 / 1.45 kW | 0.19 / 1.20 / 1.80 kW | 0.35 / 1.52 / 2.40 kW | 0.35 / 2.80 / 3.95 kW |
| Current Input (Nominal) | Cooling 1) | 1.3 / 3.5 / 5.5 A | 1.4 / 5.0 / 6.0 A | 2.6 / 7.0 / 9.5 A | 2.0 / 12.0 / 16.0 A |
| | Heating 2) | 1.3 / 4.6 / 7.0 A | 1.3 / 5.7 / 10.5 A | 2.9 / 7.0 / 11.0 A | 2.0 / 12.0 / 17.0 A |
| Power | MCA [A] | 11.0 A | 11.0 A | 17.5 A | 17.5 A |
| | MFA [A] | 12.5 A | 12.5 A | 20.6 A | 20.6 A |
| Energy Efficiency | Energy Grade (Cooling) | SEER 7.1 (A++) | SEER 7.0 (A++) | SEER 6.7 (A++) | SEER 6.1 (A++) |
| | Energy Grade (Heating) | SCOP 4.3 (A+) | SCOP 4.3 (A+) | SCOP 4.2 (A+) | SCOP 3.8 (A) |
| Piping Connections | Liquid Pipe (Φ, mm) | 6.35 mm | 6.35 mm | 6.35 mm | 6.35 mm |
| | Liquid Pipe (Φ, inch) | 1/4" | 1/4" | 1/4" | 1/4" |
| | Gas Pipe (Φ, mm) | 9.52 mm | 9.52 mm | 12.7 mm | 15.88 mm |
| | Gas Pipe (Φ, inch) | 3/8" | 3/8" | 1/2" | 5/8" |
| | Installation Max. Length [m] | 20 m | 20 m | 30 m | 50 m |
| | Installation Max. Height [m] | 15 m | 15 m | 20 m | 30 m |
| Field Wiring | Transmission Cable | 0.75† | 0.75† | 0.75† | 0.75† |
| Refrigerant | Type | R32(Contains fluorinated greenhouse gases, GWP=675) | R32(Contains fluorinated greenhouse gases, GWP=675) | R32(Contains fluorinated greenhouse gases, GWP=675) | R32(Contains fluorinated greenhouse gases, GWP=675) |
| | Control Method | EEV | EEV | EEV | EEV |
| | Factory Charging (kg) | 0.90 kg | 0.90 kg | 1.20 kg | 1.70 kg |
| | Factory Charging (tCO2e) | 0.61 tCO2e | 0.61 tCO2e | 0.81 tCO2e | 1.15 tCO2e |
| Power Supply (Indoor Unit) [Φ, #, V, Hz] | | 1,2,220-240,50 | 1,2,220-240,50 | 1,2,220-240,50 | 1,2,220-240,50 |
| Fan | Type | Turbo Fan | Turbo Fan | Turbo Fan | Turbo Fan |
| | Motor (Output) [W] | 65 W | 65 W | 65 W | 65 W |
| | Number of Unit (EA) | 1 EA | 1 EA | 1 EA | 1 EA |
| | Air Flow Rate (High / Mid / Low) [CMM] | 8.0/7.0/6.0 CMM | 9.2/8.0/6.4 CMM | 10.5/9.5/8.5 CMM | 11.5/10.5/9.5 CMM |
| Drain | Drain Pipe (Φ,mm) | VP25(OD32/ID25) mm | VP25(OD32/ID25) mm | VP25(OD32/ID25) mm | VP25(OD32/ID25) mm |
| Sound | Sound Pressure (High / Mid / Low) | 31 / 28 / 25 dBA | 34 / 30 / 25 dBA | 39 / 34 / 29 dBA | 42 / 39 / 36 dBA |
| | Sound Power (Cooling) [dB(A)] | 48 dBA | 50 dBA | 56 dBA | 58 dBA |
| External Dimension (Indoor Unit) | Net Weight(kg) | 11.5 kg | 11.5 kg | 12.0 kg | 12.0 kg |
| | Shipping Weight (kg) | 14.0 kg | 14.0 kg | 14.2 kg | 14.2 kg |
| | Net Dimensions (WxHxD) (mm) | 575 x 250 x 575 mm | 575 x 250 x 575 mm | 575 x 250 x 575 mm | 575 x 250 x 575 mm |
| | Shipping Dimensions (WxHxD) (mm) | 623 x 298 x 653 mm | 623 x 298 x 653 mm | 623 x 298 x 653 mm | 623 x 298 x 653 mm |
| Panel Size | Panel model | PC4SUFMAN | PC4SUFMAN | PC4SUFMAN | PC4SUFMAN |
| | Panel Net Weight (kg) | 2.7 kg | 2.7 kg | 2.7 kg | 2.7 kg |
| | Shipping Weight (kg) | 3.9 kg | 3.9 kg | 3.9 kg | 3.9 kg |
| | Net Dimensions (WxHxD) (mm) | 620 x 46 x 620 mm | 620 x 46 x 620 mm | 620 x 46 x 620 mm | 620 x 46 x 620 mm |
| Additional Accessories | Drain Pump | Built In | Built In | Built In | Built In |
| | Drain Pump Max. Lifting | 750/24 | 750/24 | 750/24 | 750/24 |
| Power Supply (Outdoor Unit) [Φ, #, V, Hz] | | 1,2,220-240,50 | 1,2,220-240,50 | 1,2,220-240,50 | 1,2,220-240,50 |
| Compressor | Type | Single BLDC | Single BLDC | Twin BLDC | Twin BLDC |
| | Model | UB9AK5090FER | UB9AK5090FER | UB9TK3150FE4 | UG4T200FUAE4 |
| | Output(kW) | 0.86 kW | 0.86 kW | 1.51 kW | 1.89 kW |
| | Oil (Type) | POE | POE | POE | POE |
| Fan (Outdoor Unit) | Oil (Initial Charge) [cc] | 320 cc | 320 cc | 500 cc | 650 cc |
| | Air Flow Rate (Cooling) [CMM] | 30 CMM | 30 CMM | 40 CMM | 51 CMM |
| Sound (Outdoor Unit) | Sound Pressure (Cooling / Heating) | 46/47 dBA | 48/48 dBA | 48/48 dBA | 49/51 dBA |
| | Sound Power (Cooling) [dB(A)] | 59 dBA | 61 dBA | 62 dBA | 65 dBA |
| External Dimension (Outdoor Unit) | Net Weight(kg) | 32.5 kg | 32.5 kg | 43.0 kg | 51.0 kg |
| | Shipping Weight (kg) | 35.5 kg | 35.5 kg | 46.5 kg | 55.0 kg |
| | Net Dimensions (WxHxD) (mm) | 790 x 548 x 285 mm | 790 x 548 x 285 mm | 880 x 638 x 310 mm | 880 x 798 x 310 mm |
| | Shipping Dimensions (WxHxD) (mm) | 913 x 622 x 371 mm | 913 x 622 x 371 mm | 1023 x 742 x 413 mm | 1023 x 896 x 413 mm |
| Operating Temp. Range | Cooling (°C) | -15 ~ 46 °C | -15 ~ 46 °C | -15 ~ 50 °C | -15 ~ 50 °C |
| | Heating (°C) | -20 ~ 24 °C | -20 ~ 24 °C | -20 ~ 24 °C | -20 ~ 24 °C |
| Smart | WiFi Kit | Yes | Yes | Yes | Yes |
| App Connectivity | SmartThings App Support | Yes | Yes | Yes | Yes |