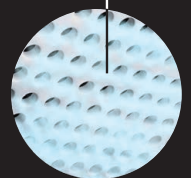


SAMSUNG

Smart Airconditioning Solutions



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
	Shipping Dimensions (WxHxD) (mm)	670 x 120 x 655 mm	670 x 120 x 655 mm	670 x 120 x 655 mm	670 x 120 x 655 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
	Oil (Initial Charge) [cc]	320 cc	320 cc	500 cc	650 cc
Fan (Outdoor Unit)	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	Optional	Optional	Optional	Optional
App Connectivity	SmartThings App Support	Yes	Yes	Yes	Yes