

SAMSUNG

Smart Airconditioning Solutions



WindFree™ 1-Way Cassette

- Cooling/heating power compared to larger units.
- WindFree™ Cooling- 9000 micro air holes ensure a gentle dispersed airflow with no cold draft.
- Digital Inverter technology ensures fast economical heating/cooling.
- Blade angles can move from 30-80° angles to reach every corner of the room.
- Attractive panel and display that promotes a neat look for an aesthetic flair that blends perfectly with any ambience.
- Up to 50% less energy usage compared to non-inverter units.
- Cools in outdoor heat of up to 48°C and warms in temperatures of -24°C.
- Eco-friendly R32 Refrigerant.



Keeps you comfortable without a breeze.

Slim and compact for smaller areas, 1-Way WindFree™ Cassettes deliver powerful, fast cooling/heating while 9000 micro air holes ensure a gentle dispersed air flow. Samsung's Smart Inverter technology ensures minimal energy consumption: up to 50% less energy usage compared with non-inverter units. The result is the best of both worlds for customers who demand the ultimate in climate control.



Model Code		AC026RN1DKG/EU	AC035RN1DKG/EU
Features	Type	2.6kW-1Φ-Slim 1way	3.5kW-1Φ-Slim 1way
Model Name	Indoor Unit	AC026RN1DKG/EU	AC035RN1DKG/EU
	Outdoor Unit	AC026RXADKG/EU	AC035RXADKG/EU
System	Mode	HEAT PUMP	HEAT PUMP
Capacity	Cooling [kW]	0.82 / 2.60 / 3.80 kW	0.85 / 3.50 / 4.20 kW
	Heating [kW]	0.98 / 3.30 / 4.40 kW	1.00 / 4.00 / 5.00 kW
Power Input (Nominal)	Cooling 1)	0.17 / 0.72 / 1.16 kW	0.18 / 1.09 / 1.40 kW
	Heating 2)	0.20 / 1.01 / 1.45 kW	0.19 / 1.28 / 1.80 kW
Current Input (Nominal)	Cooling 1)	1.2 / 3.8 / 5.4 A	1.6 / 5.3 / 7.5 A
	Heating 2)	1.4 / 5.0 / 7.0 A	1.3 / 6.2 / 10.5 A
Power	MCA [A]	11.0 A	11.0 A
	MFA [A]	12.5 A	12.5 A
Energy Efficiency	Energy Grade (Cooling)	SEER 6.4 (A++)	SEER 6.2 (A++)
	Energy Grade (Heating)	SCOP 4.0 (A+)	SCOP 4.0 (A+)
Piping Connections	Liquid Pipe (Φ, mm)	6.35 mm	6.35 mm
	Liquid Pipe (Φ, inch)	1/4"	1/4"
	Gas Pipe (Φ, mm)	9.52 mm	9.52 mm
	Gas Pipe (Φ, inch)	3/8"	3/8"
	Installation Max. Length [m]	20 m	20 m
	Installation Max. Height [m]	15 m	15 m
Field Wiring	Transmission Cable	0.75↑	0.75↑
Refrigerant	Type	R32(Contains fluorinated greenhouse gases, GWP=675)	R32(Contains fluorinated greenhouse gases, GWP=675)
	Control Method	EEV	EEV
	Factory Charging (kg)	0.90 kg	0.90 kg
	Factory Charging (tCO2e)	0.61 tCO2e	0.61 tCO2e
Power Supply (Indoor Unit) [Φ, #, V, Hz]		1,2,220-240,50	1,2,220-240,50
Fan	Type	Crossflow Fan	Crossflow Fan
	Motor (Output) [W]	27 W	27 W
	Number of Unit (EA)	1 EA	1 EA
	Air Flow Rate (High / Mid / Low) [CMM]	7.3/6.5/5.8 CMM	9.0/8.2/7.2 CMM
Drain	Drain Pipe (Φ,mm)	VP20(OD26/ID20) mm	VP20(OD26/ID20) mm
Sound	Sound Pressure (High / Mid / Low)	32 / 29 / 26/ 25 dBA	35 / 32 / 29 / 28 dBA
	Sound Power (Cooling) [dB(A)]	52 dBA	55 dBA
External Dimension (Indoor Unit)	Net Weight(kg)	9.2 kg	9.2 kg
	Shipping Weight (kg)	12.0 kg	12.0 kg
	Net Dimensions (WxHxD) (mm)	970 x 135 x 410 mm	970 x 135 x 410 mm
	Shipping Dimensions (WxHxD) (mm)	1173 x 231 x 487 mm	1173 x 231 x 487 mm
Panel Size	Panel model	PC1NWFMAN	PC1NWFMAN
	Panel Net Weight (kg)	4.3 kg	4.3 kg
	Shipping Weight (kg)	6.3 kg	6.3 kg
	Net Dimensions (WxHxD) (mm)	1198 x 35 x 500 mm	1198 x 35 x 500 mm
	Shipping Dimensions (WxHxD) (mm)	1262 x 122 x 566 mm	1262 x 122 x 566 mm
	Drain Pump	Built In	Built In
Additional Accessories	Drain Pump Max. Lifting	750/24	750/24
Power Supply (Outdoor Unit) [Φ, #, V, Hz]		1,2,220-240,50	1,2,220-240,50
Compressor	Type	Single BLDC	Single BLDC
	Model	UB9AK5090FER	UB9AK5090FER
	Output(kW)	0.86 kW	0.86 kW
	Oil (Type)	POE	POE
	Oil (Initial Charge) [cc]	320 cc	320 cc
Fan (Outdoor Unit)	Air Flow Rate (Cooling) [CMM]	30 CMM	30 CMM
Sound (Outdoor Unit)	Sound Pressure (Cooling / Heating)	46/47 dBA	48/48 dBA
	Sound Power (Cooling) [dB(A)]	59 dBA	61 dBA
External Dimension (Outdoor Unit)	Net Weight(kg)	32.5 kg	32.5 kg
	Shipping Weight (kg)	35.5 kg	35.5 kg
	Net Dimensions (WxHxD) (mm)	790 x 548 x 285 mm	790 x 548 x 285 mm
	Shipping Dimensions (WxHxD) (mm)	913 x 622 x 371 mm	913 x 622 x 371 mm
Operating Temp. Range	Cooling (°C)	-15 ~ 46 °C	-15 ~ 46 °C
	Heating (°C)	-20 ~ 24 °C	-20 ~ 24 °C
Smart	WiFi Kit	Optional	Optional
App Connectivity	SmartThings App Support	Yes	Yes