



Samsung 4-Way Mini Wind-Free Inverter Cassette (600x 600)

AC026 · AC035 · AC052 · AC060

- Slim compact 600mm x 600mm size – half the size of conventional cassettes
- Cooling/heating power comparable to larger units
- 9000 Micro-holes ensure a gentle dispersed airflow with no draughts
- Smart Inverter technology ensures fast economical heating/cooling
- 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
- Samsung reliability – backed by the nationwide support of Fourways Airconditioning South Africa

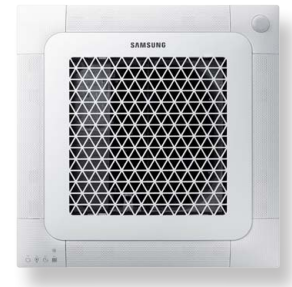
SAMSUNG

Rev 12/19

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Once again, Samsung's advanced technology creates a revolution in room airconditioning –with Mini Wind-Free Cassettes. Slim and compact for smaller areas, Mini Wind-Free Cassettes deliver powerful, fast cooling/heating comparable to larger units, while 9000 Micro-holes ensure a gentle dispersed airflow with no draughts. 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. As with all Samsung airconditioners, Wind-Free Cassettes are backed by 9 Fourways Airconditioning South Africa branches nationwide.



SPECIFICATIONS

Model Code	Indoor Unit	AC026NNNDEH/AF	AC035NNNDEH/AF	AC052NNNDEH/AF	AC060NNNDEH/AF
	Outdoor Unit	AC026JXNDEH/AF	AC035JXNDEH/AF	AC052JXNDEH/AF	AC060JXNDEH/AF
System	Mode	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Capacity	Cooling (Min / Std / Max) [kW]	1.26/2.64/3.52	1.32/3.52/3.96	1.32/4.92/5.28	2.08/5.71/7.77
	Cooling (Min / Std / Max) [Btu/h]	4,300/9,000/12,000	4,500/12,000/13,500	4,500/16,800/18,000	7,100/19,500/26,500
	Heating (Min / Std / Max) [kW]	1.08/3.37/4.25	1.17/3.99/4.40	0.94/4.84/5.86	1.44/5.28/7.91
	Heating (Min / Std / Max) [Btu/h]	3,700/11,500/14,500	4,000/13,600/15,000	3,200/16,500/20,000	4,900/18,000/27,000
Power Input (Nominal)	Cooling (Min / Std / Max) [kW]	0.30/0.68/1.20	0.31/1.09/1.40	0.35/1.60/1.85	0.38/1.88/3.00
	Heating (Min / Std / Max) [kW]	0.23/0.87/1.30	0.25/1.16/1.45	0.25/1.38/2.00	0.27/1.50/2.90
Energy Efficiency	EER (Nominal Cooling) [W/W]	3.88	3.23	3.08	3.04
	COP (Nominal Heating) [W/W]	3.87	3.44	3.50	3.52
Piping Connections	Installation Max. Length (Outdoor to indoor) [m]	20	20	30	30
	Installation Max. Height (Between ID/OD) [m]	15	15	15	15
Refrigerant	Type	R410A(Contains fluorinated greenhouse gas, GWP=2,088)	R410A(Contains fluorinated greenhouse gas, GWP=2,088)	R410A(Contains fluorinated greenhouse gas, GWP=2,088)	R410A(Contains fluorinated greenhouse gas, GWP=2,088)
Power Supply [Indoor Unit] [Φ, #, V, Hz]		1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz
Fan	Air Flow Rate (High / Mid / Low) [CMM]	8.00/7.10/6.30	9.30/8.00/6.70	12.70/11.00/9.30	13.80/12.00/10.50
Sound	Sound Pressure (High / Mid / Low) [dB(A)]	33.0 / 31.0 / 27.0	35.0 / 33.0 / 29.0	39.0 / 37.0 / 34.0	41.0 / 38.0 / 35.0
	Sound Power (Cooling) [dB(A)]	39.0	42.0	45.0	46.0
External Dimension	Net Weight [kg]	11.20	11.20	11.80	11.80
	Net Dimensions (WxHxD) [mm]	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Panel Size				
Panel Size	Panel model	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
	Panel Net Weight [kg]	2.70	2.70	2.70	2.70
	Shipping Weight [kg]	3.90	3.90	3.90	3.90
	Net Dimensions (WxHxD) [mm]	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620
	Shipping Dimensions (WxHxD) [mm]	670 x 120 x 655	670 x 120 x 655	670 x 120 x 655	670 x 120 x 655
Power Supply [Outdoor Unit] [Φ, #, V, Hz]		1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz
Fan	Air Flow Rate (Cooling) [CMM]	37.00	37.00	40.00	41.00
Sound	Sound Pressure (Cooling / Heating) [dB(A)]	46.0 / 47.0	47.0 / 48.0	47.0 / 48.0	49.0 / 51.0
	Sound Power (Cooling) [dB(A)]	56.0	56.0	55.0	58.0
External Dimension	Net Weight [kg]	29.50	29.50	36.00	45.00
	Net Dimensions (WxHxD) [mm]	720 x 548 x 265	720 x 548 x 265	790 x 548 x 285	880 x 638 x 310
Operating Temp. Range	Cooling [°C]	-5 ~ 48	-5 ~ 48 °C	-5 ~ 48 °C	-5 ~ 48 °C
	Heating [°C]	-15 ~ 24	-15 ~ 24 °C	-15 ~ 24 °C	-15 ~ 24 °C

* Specifications may be subject to change without prior notice.

- 1) Nominal cooling capacities are based on; - Indoor temperature : 27°C DB, 19°C WB - Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m
- 2) Nominal heating capacities are based on; - Indoor temperature : 20°C DB, 15°C WB - Outdoor temperature : 7°C DB, 6°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m
- 3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- 4) These products contain R410A which is fluorinated greenhouse gas.

Due to Samsung's policy of constant improvement, specifications are subject to change without notice. E&OE.

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