



## 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



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**SAMSUNG**

Rev 12/19

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

AC026 · AC035 · AC052 · AC060

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 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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