



NEW! Samsung Inverter 4-Way Cassette S

ACO52 to AC140

- 7 models, all heating/cooling
- High outputs with Samsung Digital Inverter economy
- EERs up to 3.14, COPs up to 4.05
- 3-speed Air flow rates up to 33 CMM
- Samsung reliability backed by the nationwide support of Fourways Airconditioning South Africa



fourways
AIRCONDITIONING

SAMSUNG

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New from Samsung, a global leader in technology, is the Inverter 4-way Cassette S. Featuring Samsung's Digital Inverter, it cools rooms 30% faster than regular non-inverters, thus substantially reducing overall energy costs. Its modern sleek design blends with any décor, optimising both aesthetic and practical requirements. An air flow rate of up to 33 CMM makes the new 4-Way Cassette S suitable for large commercial or domestic applications. As with all Samsung airconditioners, the new Inverter 4-Way Cassette S is backed by Fourways Airconditioning South Africa, with branches in 9 major metropolitan areas.



SPECIFICATIONS

Type	4Way CST	4Way CST	4Way CST	4Way CST	4Way CST	4Way CST	4Way CST	4Way CST	4Way CST
Indoor Unit	AC092JN4DEH	AC071JN4DEH	AC090JN4DEH	AC100JN4DEH	AC100JN4DEH	AC100JN4DEH	AC100JN4DEH	AC120JN4DEH	AC140JN4DEH
Outdoor Unit	AC092JX4DEH	AC071JX4DEH	AC090JX4DEH	AC100JX4DEH	AC100JX4DEH	AC100JX4DEH	AC100JX4DEH	AC120JX4DEH	AC140JX4DEH
Mode	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Capacity	kW	1.47 / 4.98 / 5.28	2.08 / 7.18 / 7.77	2.93 / 8.79 / 9.96	3.22 / 10.26 / 10.84	3.22 / 10.26 / 10.99	3.22 / 10.26 / 10.99	2.93 / 12.31 / 12.46	3.19 / 14.07 / 14.21
	Btu/h	5,000 / 17,000 / 18,000	7,100 / 24,500 / 26,500	10,000 / 30,000 / 34,000	11,000 / 35,000 / 37,000	11,000 / 35,000 / 37,500	11,000 / 35,000 / 37,500	10,000 / 42,000 / 42,500	10,900 / 48,000 / 48,500
Power	kW	0.73 / 4.98 / 6.45	1.44 / 7.18 / 8.03	1.29 / 9.23 / 10.26	2.17 / 10.26 / 11.58	2.17 / 10.26 / 11.58	2.17 / 10.26 / 11.58	3.52 / 13.48 / 16.35	3.52 / 14.07 / 18.40
	Btu/h	2,500 / 17,000 / 22,000	4,900 / 24,500 / 27,400	4,400 / 31,500 / 35,000	7,400 / 35,000 / 39,500	7,400 / 35,000 / 39,500	7,400 / 35,000 / 39,500	12,000 / 46,000 / 55,800	12,000 / 48,000 / 62,800
Power Input (Nominal)	kW	0.35 / 1.60 / 1.70	0.38 / 2.45 / 3.00	0.87 / 2.80 / 4.50	0.70 / 3.60 / 4.80	0.70 / 3.55 / 4.80	0.70 / 3.55 / 4.80	1.03 / 4.32 / 5.89	1.30 / 5.20 / 6.30
	Btu/h	1,200 / 5,400 / 5,800	1,300 / 8,400 / 10,200	3,000 / 9,600 / 15,300	2,400 / 12,200 / 16,300	2,400 / 12,200 / 16,300	2,400 / 12,200 / 16,300	3,500 / 14,700 / 20,300	3,600 / 14,700 / 21,800
Power Input (Nominal)	A	2.20 / 7.20 / 8.00	2.30 / 11.00 / 13.00	4.70 / 12.50 / 20.00	4.00 / 16.00 / 21.00	4.00 / 16.00 / 21.00	4.00 / 16.00 / 21.00	2.10 / 6.80 / 9.00	3.00 / 8.50 / 9.50
	A	1.60 / 5.70 / 9.00	1.70 / 9.00 / 12.60	3.50 / 11.00 / 18.00	2.90 / 12.00 / 19.50	2.90 / 12.00 / 19.50	2.90 / 12.00 / 19.50	1.50 / 4.50 / 7.90	2.00 / 7.00 / 12.40
MCA	A	10.80 (MCA)	20.80 (MCA)	23.70 (MCA)	23.70 (MCA)	23.70 (MCA)	23.70 (MCA)	13.70 (MCA)	13.70 (MCA)
	A	12.50	25.00	27.50	27.50	27.50	27.50	15.10	15.10
Energy Efficiency	EER (Nominal Cooling)	3.11	2.93	3.14	2.85	2.85	2.85	2.85	2.71
	COP (Nominal Heating)	4.05	3.59	3.77	3.73	3.73	3.73	3.10	3.10
Liquid Pipe	Ø, mm	6.35	6.35	9.52	9.52	9.52	9.52	9.52	9.52
	Ø, inch	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Gas Pipe	Ø, mm	12.70	15.88	15.88	15.88	15.88	15.88	15.88	15.88
	Ø, inch	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Installation	Max. Length	30	30	50	50	50	50	50	50
	Max. Height	15	15	30	30	30	30	30	30
Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method	EEV	EEV	EEV	EEV	EEV	EEV	EEV	EEV
Refrigerant	Factory Charging	kg	1.10	1.30	2.50	2.50	2.50	2.20	2.20
	Power Supply	Ø, #, V, Hz	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50
Fan	Air Flow Rate	CMM	18.00 / 15.00 / 13.00	21.00 / 18.00 / 16.00	29.00 / 24.00 / 19.00	33.00 / 26.00 / 19.00	33.00 / 26.00 / 19.00	31.00 / 24.00 / 19.00	31.00 / 24.00 / 19.00
	Drain	l/s	300.00 / 250.00 / 216.67	350.00 / 300.00 / 266.67	483.33 / 400.00 / 316.67	550.00 / 433.33 / 316.67	550.00 / 433.33 / 316.67	516.67 / 400.00 / 316.67	516.67 / 400.00 / 316.67
Sound	Pressure	Ø mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
	Net Weight	kg	37 / 34 / 31	43 / 40 / 37	42 / 38 / 33	43 / 38 / 33	43 / 38 / 33	44 / 40 / 36	44 / 40 / 36
External Dimension	Net Weight	kg	14.50	14.50	18.00	18.00	18.00	18.00	18.00
	Net Dimensions (WxHxD)	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Panel Size	Panel Net Weight	kg	5.90	5.90	5.90	5.90	5.90	5.90	5.90
	Net Dimensions (WxHxD)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
Power Supply	Ø, #, V, Hz	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50	1.2.220-240.50
	Type	-	BLDC Rotary	BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Compressor	Output	kW	1.42	1.79	2.82	2.82	2.82	4.12	4.12
	Oil	Type	POE	POE	PVE	PVE	PVE	PVE	PVE
Sound	Pressure	Cooling/Heating	dB(A)	47 / 48	49 / 51	54 / 56	55 / 57	57 / 58	57 / 59
	Net Weight	kg	36.00	45.00	67.00	67.00	69.50	89.00	89.00
External Dimension	Net Dimensions (WxHxD)	mm	790 x 548 x 285	880 x 638 x 310	880 x 967 x 320	880 x 967 x 320	880 x 967 x 320	932 x 1,162 x 375	932 x 1,162 x 375
	Operating temp. Range	°C	-5.0 ~ -48.0	-5.0 ~ -48.0	-5.0 ~ -48.0	-5.0 ~ -48.0	-5.0 ~ -48.0	-5.0 ~ -48.0	-5.0 ~ -48.0
Operating temp. Range	Cooling	°C	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0
	Heating	°C	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0	-15.0 ~ -24.0

* 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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