

Inverter 4-Way Cassette

Economical, energy-efficient eco-friendly airconditioning for larger areas



- Energy-efficient Inverter heating/cooling for larger areas
- 7 models available, in sizes from 24 00 Btu/hr to 48 000 Btu/hr
- Single and 3-phase models
- 50 – 75m piping length to outdoor unit/30m elevation
- Environmentally-friendly R410A gas
- Supported nationwide by Fourways Airconditioning

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With electricity prices constantly on the increase, the modern trend is towards Inverter technology. This range of Samsung Inverter 4-Way Cassettes is the quality route to airconditioning of larger upmarket domestic areas or commercial applications.



SPECIFICATIONS

Model Indoor Unit		NS0714DXEA	NS0904DXEA	NS1004DXEA	NS1004DXEA	NS1254DXEA	NS1404DXEA	NS1404DXEA
Model Outdoor Unit		RC071DXEA	RC090DXEA	RC100DXEA	RC100DXGA	RC125DXEB	RC140DXEB	RC140DXGA
Function		Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating
Cooling Capacity: (Min/Std/Max)	kW	2.2/7.1/8.0	3.0/9.0/10.0	3.2/10.0/12.0	4.0/10.0/12.0	3.5/12.5/14.0	3.5/14.0/15.5	3.5/14.0/15.5
	Btu/h	7 500/24 200/27 300	10 200/30 700/34 100	10 900/34 100/40 900	13 600/34 100/40 900	11 900/42 700/47 800	11 900/47 800/52 900	11 900/47 800/52 900
Heating Capacity (Min/Std/Max)	kW	1.9/8.0/9.0	2.2/10.0/13.9	2.2/11.2/15.5	3.5/11.2/15.5	3.0/14.0/16.2	3.5/16.0/18.0	3.5/16.0/18.0
	Btu/h	6 500/27 300/30 700	7 500/34 100/ 47 400	7 500/38 200/52 900	11 900/38 200/52 900	10 200/47 800/55 300	11 900/54 600/61 400	11 900/54 600/61 400
Energy Grade	Cooling:	A	A	A	A	A	A	A
	Heating:	A	A	A	A	A	A	A
Power Input: Cooling (Min/Std/Max)	kW	0.35/2.21/4.00	0.6/2.8/3.7	0.6/3.12/4.7	0.9/3.12/4.7	0.8/3.89/4.5	0.8/4.36/5.4	0.8/4.36/5.4
Power Input: Heating (Min/Std/Max)	kW	0.35/2.22/4.00	0.46/2.77/5.2	0.5/3.1/5.2	0.7/3.1/5.5	0.81/3.88/4.88	0.7/4.43/6.16	0.7/4.43/6.16
Current Input: Cooling (Min/Std/Max)	A	2.0/10.5/21.0	3/12.5/18.7	3/13.8/20.5	1.6/5/7.8	4/18/20	3.7/20/24	2.1/7.5/12
Current Input: Heating (Min/Std/Max)	A	2.0/10.5/21.0	2.5/12.2/22.7	2.6/13.8/24	1.3/5/16.1	3.5/18/24	3.5/20/24	2.1/7.4/16.1
EER (Cooling):		3.21	3.21	3.21	3.21	3.21	3.21	3.21
COP (Heating):		3.62	3.61	3.61	3.61	3.61	3.61	3.61
Piping (Liquid)	Ø, mm	6.35 x 1	9.52 x 1	9.52 x 1	9.52 x 1	9.52 x 1	9.52 x 1	9.52 x 1
Piping (Gas)	Ø, mm	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1	15.88 x 1
Piping Max. Length	m	50	50.0	50.0	50.0	75	75	75
Max Height Difference	m	30	30.0	30.0	30.0	30	30	30
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrig. Factory Charging	kg	1.8	3.0	3.0	3.1	2.9	3.4	3.4
INDOOR UNIT								
Power Supply	Ph/V/Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Air Flow	CMM	19.5 (C) 21.0 (H)	24.5	27.5	27.5	30.0(H)/19.0(L)	30	30.0
Noise Level (High/Low)	dB(A)	36/28	40/32	44/34	44/34	44/36	45/38	48/38
Net Weight	kg	15	17	17	17	19	21	21
Gross Weight	kg	20	22	22	22	24	26	26
Net Dimensions WxHxD	mm	840x204x840	840x246x840	840x246x840	840x246x840	840x288x840	840x288x840	840x288x840
Gross Dimensions WxHxD	mm	898x274x898	898x316x898	898x316x898	898x316x898	898x357x898	898x357x898	898x357x898
Panel Size Net Dimension WxHxD	mm	90x45x950	90x45x950	90x45x950	90x45x950	90x45x950	90x45x950	90x45x950
Shipping Dimension	mm	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005
Drain Pump		Built in	Built in	Built in	Built in	Built in	Built in	Built in
Max lift Height/Displacement	mm/lit/h	750/24	750/24	750/24	750/24	750/24	750/24	750/24
OUTDOOR UNIT								
Power Supply	Ph/V/Hz	1,220-240,50	1,220-240,50	1,220-240,50	3,380-415,50	1,220-240,50	1,220-240,50	3,380-415,50
Noise Level	dB(A)	49	51	52	52	51/52	52	52
Net Weight	kg	55	72	72	81	88	88	91
Gross Weight	kg	59	77	77	86	98	98	101
Net Dimensions WxHxD	mm	880x798x310	940x998x330	940x998x330	940x998x330	940x1210x330	940x1210x330	940x1210x330
Gross Dimensions WxHxD	mm	1023x889x416	995x1096x426	995x1096x426	995x1096x426	995x1338x426	995x1338x426	995x1338x426

- Nominal cooling capacities are based on: Indoor temp: 27° CDB, 19° CWB; Outdoor temp: 35° CDB, 24° CWB; Equivalent ref. piping: 7.5m. Level differences: 0m
- Nominal heating capacities are based on: Indoor temp: 20° CDB, 15° CWB; Outdoor temp: 7° CDB, 6° CWB; Equivalent ref. piping: 7.5m. Level differences: 0m.
- Sound pressure acquired in a dead room; actual noise level may differ depending on installation conditions.

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