

# 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 24 000 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

# Inverter 4-Way Cassette

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

*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
<b>Function</b>		Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating
<b>Cooling Capacity: (Min/Std/Max)</b>	<b>kW</b>	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
	<b>Btu/h</b>	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
<b>Heating Capacity (Min/Std/Max)</b>	<b>kW</b>	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
	<b>Btu/h</b>	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
<b>Energy Grade</b>	<b>Cooling:</b>	A	A	A	A	A	A	A
	<b>Heating:</b>	A	A	A	A	A	A	A
<b>Power Input: Cooling (Min/Std/Max)</b>	<b>kW</b>	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
<b>Power Input: Heating (Min/Std/Max)</b>	<b>kW</b>	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
<b>Current Input: Cooling (Min/Std/Max)</b>	<b>A</b>	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
<b>Current Input: Heating (Min/Std/Max)</b>	<b>A</b>	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
<b>EER (Cooling):</b>		3.21	3.21	3.21	3.21	3.21	3.21	3.21
<b>GOP (Heating):</b>		3.62	3.61	3.61	3.61	3.61	3.61	3.61
<b>Piping (Liquid)</b>	<b>Ø, mm</b>	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
<b>Piping (Gas)</b>	<b>Ø, mm</b>	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
<b>Piping Max. Length</b>	<b>m</b>	50	50.0	50.0	50.0	75	75	75
<b>Max Height Difference</b>	<b>m</b>	30	30.0	30.0	30.0	30	30	30
<b>Refrigerant Type</b>		R410A	R410A	R410A	R410A	R410A	R410A	R410A
<b>Refrig. Factory Charging</b>	<b>kg</b>	1.8	3.0	3.0	3.1	2.9	3.4	3.4
<b>INDOOR UNIT</b>								
<b>Power Supply</b>	<b>Ph/V/Hz</b>	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
<b>Air Flow</b>	<b>CMM</b>	19.5 (C) 21.0 (H)	24.5	27.5	27.5	30.0(H)/19.0(L)	30	30.0
<b>Noise Level (High/Low)</b>	<b>dB(A)</b>	36/28	40/32	44/34	44/34	44/36	45/38	48/38
<b>Net Weight</b>	<b>kg</b>	15	17	17	17	19	21	21
<b>Gross Weight</b>	<b>kg</b>	20	22	22	22	24	26	26
<b>Net Dimensions WxHxD</b>	<b>mm</b>	840x204x840	840x246x840	840x246x840	840x246x840	840x288x840	840x288x840	840x288x840
<b>Gross Dimensions WxHxD</b>	<b>mm</b>	898x274x898	898x316x898	898x316x898	898x316x898	898x357x898	898x357x898	898x357x898
<b>Panel Size Net Dimension WxHxD</b>	<b>mm</b>	90x45x950	90x45x950	90x45x950	90x45x950	90x45x950	90x45x950	90x45x950
<b>Shipping Dimension</b>	<b>mm</b>	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005	1005x100x1005
<b>Drain Pump</b>		Built in	Built in	Built in	Built in	Built in	Built in	Built in
<b>Max lift Height/Displacement</b>	<b>mm/lit/h</b>	750/24	750/24	750/24	750/24	750/24	750/24	750/24
<b>OUTDOOR UNIT</b>								
<b>Power Supply</b>	<b>Ph/V/Hz</b>	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
<b>Noise Level</b>	<b>dB(A)</b>	49	51	52	52	51/52	52	52
<b>Net Weight</b>	<b>kg</b>	55	72	72	81	88	88	91
<b>Gross Weight</b>	<b>kg</b>	59	77	77	86	98	98	101
<b>Net Dimensions WxHxD</b>	<b>mm</b>	880x798x310	940x998x330	940x998x330	940x998x330	940x1210x330	940x1210x330	940x1210x330
<b>Gross Dimensions WxHxD</b>	<b>mm</b>	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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AIRCONDITIONING

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