

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 Samsung Air



Digital Air Solutions

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 |
| 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 |
| 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.

Sold and supported nationwide by:



Gauteng & Central region
(011) 704-6320

Pretoria
(012) 643-0445

Western, Eastern & Northern Cape
(021) 556-8292

Kwa-Zulu Natal
(031) 579-1895

Port Elizabeth
(041) 484-6413



Due to constant improvements, specifications are subject to change without prior notice. E&OE