

Samsung Inverter MSP Duct

Samsung quality and energy-efficient Inverter technology ensure economical, reliable airconditioning of large areas



- Top-quality energy-efficient Inverter Ducted heating/cooling
- Available in 6 models
- Single and 3-phase models
- 50m to 75m piping length to outdoor unit/30m elevation
- Environmentally-friendly R410A gas
- Supported nationwide by Samair

SAMSUNG

Digital Air Solutions

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Wherever ducted airconditioning is called for, Samsung Inverter MSP is the logical choice. Thanks to highly-efficient Inverter technology, electricity usage is kept to a minimum, while R410A gas ensures eco-friendliness. For full information, please contact Samsung Air.



SPECIFICATIONS

Model Indoor Unit		NS071SDXEA	NS090SDXEA	NS100SDXEA	NS100SDXEA	NS140SDXEA	NS140SDXEA
Model Outdoor Unit		RC071DHXEA	RC090DHXEA	RC100DHXEA	RC100DHXGA	RC140DHXEB	RC140DHXGA
Function		Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating	Cooling/heating
Cooling Capacity:	kW	2.2/7.1/8.0	2.8/9.0/11.5	3.2/10.0/12.0	4.0/10.0/12.0	3.45/14.0/15.4	3.45/14.0/15.4
	Btu/h	7500/24200/27300	9 600/30 700/39 200	10 900/34 100/40 900	13 600/34 100/40 900	11 800/47 800/52 500	11 800/47 800/52 500
Heating Capacity	kW	1.9/8.0/9.0	3.0/10.0/15.5	3.0/11.2/15.5	4.3/11.2/15.5	3.75/16.0/18.5	3.75/16.0/18.5
	Btu/h	6500/27300/30700	10 200/34 100/52 900	10 200/38 200/52 900	14 700/38 200/52 900	12 800/54 600/63 100	12 800/54 600/63 100
Energy Grade	Cooling:	A	A	A	A	B	B
	Heating:	A	A	A	A	A	A
Power Input: Cooling (Min/Std/Max)	kW	0.35/2.21/4.0	0.82/2.8/3.8	0.88/3.12/5	1.2/3.12/4.7	1.25/4.65/5.70	1.25/4.65/5.70
Power Input: Heating (Min/Std/Max)	kW	0.35/2.22/4.0	0.8/2.77/5.2	0.71/3.1/5.5	0.93/3.1/5.8	1.00/4.43/5.80	1.00/4.43/5.80
Current Input: Cooling (Min/Std/Max)	A	2.0/10.5/21.0	4/13/16.5	4/13.8/21	2.2/5/7.3	5.7/21.3/26.1	2.0/7.2/8.8
Current Input: Heating (Min/Std/Max)	A	2.0/10.5/21.0	3.3/12.5/24	3.3/13.5/24	1.7/5/9	4.5/20.3/26.5	1.6/6.9/9.0
EER (Cooling):		3.21	3.21	3.21	3.21	3.01	3.01
COP (Heating):		3.72	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
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
Piping Max. Length	m	50	50	50	50	75	75
Max Height difference	m	30	30	30	30	30	30
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	R410A
Refrig. Factory Charging	kg	1.8	3.0	3.0	3.1	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
Air flow	CMM	17.0	34.1	39.0	39	42.8	42.8
External Static pressure: Min/Max	mmAq	0 - 10	0 - 10	0 - 14	0 - 14	0 - 14	0 - 14
Noise level (High/Low)	dB/(A)	39/35	39/35	39/35	39/35	43/38	43/38
Net weight	kg	33	39	55	55	55	55
Gross weight	kg	40	46	60	60	60	60
Net Dimensions WxHxD	mm	1150x260x480	1150x320x480	1200x360x650	1200x360x650	1200x360x650	1200x360x650
Gross Dimensions WxHxD	mm	1405x354x593	1400x430x590	1447x425x769	1447x425x769	1447x425x769	1447x425x769
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	3/380-415/50
Noise level	dB/(A)	49	51	52	52	52	52
Net weight	kg	55	72	72	81	88	91
Gross weight	kg	59	77	77	86	98	101
Net Dimensions WxHxD	mm	880x798x310	940x998x330	940x998x330	940x998x330	940x1210x330	940x1210x330
Gross Dimensions WxHxD	mm	1023x889x416	995x1096x426	995x1096x426	995x1096x426	995x1308x426	995x1308x426

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