



NEW Samsung MSP Duct S Inverter range

9 cooling/heating models from ACO35 to ACO160

- Cooling from 0.98Kw to 16.12kW; heating from 0.99kW to 19.34kW
- Samsung's Smart Digital Inverter saves both energy and money
- Air flow rates from 5.8 CMM up to 49 CMM
- Compact dimensions of internal unit ensure easy fitment
- Max pipe length to outdoor unit 20m to 50m (model-dependent)
- EER up to 10.63 (model dependent)
- Backed nationwide by Fourways Airconditioning South Africa



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NEW Samsung MSP Duct S Inverter range

9 cooling/heating models from ACO35 to ACO160

The smart choice for saving both money and energy, Samsung's new Duct S Inverter range uses advanced technology that offers not only maximum energy-efficiency but also silent operation and outstanding cooling/heating performance. An indoor airflow rate of up to 49 CMM (ACO160 model) ensures climate control of large commercial or upmarket domestic interiors. An indoor model height of 250mm (except ACO160 model) ensures convenient fitment in restricted spaces, while a maximum piping length of up to 50 metres allows convenient placement of outdoor unit. Backed nationwide by Fourways Airconditioning with branches in all major metropolitan areas.



SPECIFICATIONS

Type	Model Name	Indoor Unit	Outdoor Unit	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S	Duct S			
Capacity	Cooling (Min/Std/Max) Heating (Min/Std/Max)	KW	0.98 / 3.50 / 4.10	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH	AC035JXMDHEH		
		Btuh	3,300 / 12,000 / 14,000	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	AC035JXMDGH	
Power	Power Input (Nominal) Current Input (Nominal)	KW	0.33 / 1.15 / 1.35	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	AC071JXMDHEH	
		A	2.10 / 5.30 / 6.20	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH	AC071JXMDGH
Energy Efficiency	EER (Nominal Cooling) COP (Nominal Heating)	(Btuh)/W	10.43	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	AC089JXMDHEH	
		(Btuh)/W	11.52	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH	AC089JXMDGH
Piping Connections	Liquid Pipe Gas Pipe	Ø, mm	6.35	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	AC098JXMDHEH	
		Ø, inch	1/4"	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH	AC098JXMDGH
Refrigerant	Installation Limitation Max. Length Max. Height	m	20	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	
		m	15	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH
Power Supply	Factory Charging	kg	0.80	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	
		kg	1.30	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH
Fan	Air Flow Rate External Static Pressure	CMM	9.20 / 17.40 / 16.60	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	
		Pa	0.0 / 24.5 / 39.2	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH
Drain	Drain Pipe Pressure	Ø, mm	VP25 (OD 32 ID 25)	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	
		dB(A)	32 / 29 / 26	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH
External Dimension	Net Weight Net Dimensions (WxHxD)	kg	20.00	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	
		mm	700 x 198 x 800	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH
Compressor	Type Oil	Ø, H, V, Hz	1,220-240-50	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	AC100JXMDHEH	
		mm	700 x 198 x 800	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH	AC100JXMDGH
Outdoor Unit	Type Air Flow Rate	CMM	41.00	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	
		dB(A)	47 / 48	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH
External Dimension	Net Weight Net Dimensions (WxHxD)	kg	28.50	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH	AC120JXMDHEH
		mm	720 x 548 x 265	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH	AC120JXMDGH
Operating Range	Cooling Heating	°C	-5.0 ~ -48.0	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH	AC140JXMDHEH
		°C	-15.0 ~ -24.0	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH	AC140JXMDGH

* Specifications may be subject to change without prior notice.
 1) Cooling capacities are based on: Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, Refrigerant piping: 5m, Level differences: 0m
 2) Heating capacities are based on: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB, Refrigerant piping: 5m, Level differences: 0m
 3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Due to Samsung's policy of constant improvement, specifications are subject to change without notice. E&OE.

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