

MSP Duct



Flexible
and Silent



ANTI-BACTERIA FILTER



EASY FILTER CLEANING



HIGH LIFT-UP DRAIN PUMP



SMART PRESSURE CONTROL



WIRED REMOTE CONTROLLER

SAMSUNG

Indoor Unit - MSP Duct

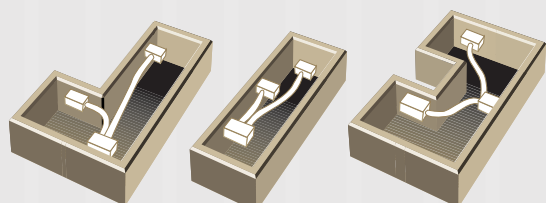
Easy to Maintain

Reduce time and maintenance costs by keeping parts easily accessible.

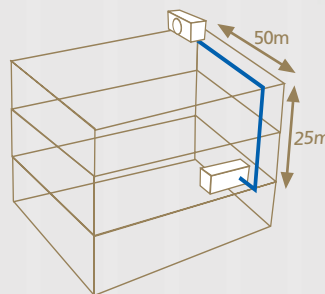


Flexible Installation

Samsung's MSP Duct air conditioners offer different solutions for any shape room allowing for specific airflow requirements.



L-Shaped Area Areas far apart Y-shaped area



Long Pipe Runs

Refrigerant pipes can be extended up to 50 metres (30 metres for 18 000 and 24 000 BTU units) with a level difference of up to 25 metres between indoor and outdoor units. This provides greater installation flexibility and makes it easier to conceal the outdoor unit.

MODEL NAME		Indoor unit	EH070EZM	DH105GZM	DH140GZM	DH175GZM
		Outdoor unit	UH70EZM1	UH105GZM1	UH140GZM1	UH175GZM1
Performance						
Capacity	Cooling	Btu/hr	23,900	34,150	47,800	57,000
		Kw	7,000	10,000	14,000	16,700
	Heating	Btu/hr	26,300	37,560	54,650	61,000
		Kw	7,700	11,000	16,000	17,870
Energy Efficiency (w/w)		EER(Cooling)	2.86	2.6	2.8	2.93
		(Heating)	3.14	2.56	3.2	3.43
Air Flow Rate (Hi)		m ³ /min (CMM)	17	30	40	48
External Static Pressure		mmAq	5	10	15	15
Noise Level	Indoor High/Low	dB	37/35	39/35	43/38	44/39
	Outdoor High	dB	52	56	59	59
Dimensions & Weight						
Net Dimension (W x H x D)	Indoor	mm	1,100 x 199 x 600	1,150 x 320 x 480	1,200 x 360 x 650	1,200 x 360 x 650
	Outdoor	mm	880 x 648 x 310	880 x 931 x 320	932 x 1,128 x 476	932 x 1,128 x 375
Net Weight	Indoor	kg	31	39	55	57
	Outdoor	kg	62	90	106	115
Electrical Data						
Power Source		V/Hz	220~240 / 50	380~415 / 50	380~415 / 50	380~415 / 50
Power Consumption	Cooling	w	2,450	3,900	5,000	5,700
	Heating	w	2,450	3,900	5,000	5,200
Operating Current	Cooling	A (Per Phase)	11.6	6.7	8.6	8.8
	Heating	A (Per Phase)	11.6	6.9	8.6	9.4
Technical Information						
SVC Valve	Liquid	in inch	3/8	3/8	3/8	3/8
	Gas	in inch	5/8	3/4	3/4	3/4
Piping Length	Max	m	30	50	50	50
Piping Height	Max	m	15	15	15	15
Refrigerant			R 22	R 22	R 22	R 22

Notes:

- Nominal cooling capacities are based on: * Indoor temperature: 27°C DB, 19°C WB, outdoor temperature: 35°C DB, Equivalent refrigerant piping: 7,5m (horizontal)
- Nominal heating capacities are based on: * Indoor temperature: 20°C DB, outdoor temperature 7°, 6°C WB. Equivalent refrigerant piping: 7,5m (horizontal)
- Sound pressure acquired in a dead room, so actual sound pressure may be different depending on the installation conditions.



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