

Inverter Mini 4-Way Cassette

The ideal solution for quiet climate control of areas up to approximately 35m², with Samsung Inverter energy-efficiency and economy.



- Quiet energy-efficient heating/cooling for home or office
- Samsung Inverter technology saves up to 40% on energy costs
- 12 000 & 18 000 Btu/hr models
- Environmentally-friendly R410A gas
- Max. piping length to outdoor unit: 50m (18 000 Btu model)
- Supported nationwide by Samsung Air

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SPECIFICATIONS

Model Indoor Unit Model Outdoor Unit		TH035EAV1 UH035EAV1	TH052EAV1 UH052EAV1
Function		Cooling/heating	Cooling/heating
Cooling Capacity: (Min/Std/Max)	kW	1.0/3.5/4.2	1.6/4.7/6.0
	Btu/h	3400/11 900/14 300	5 500/16 000/20 500
Heating Capacity (Min/Std/Max)	kW	1.0/4.0/5.0	1.3/5.5/9.0
	Btu/h	3 300/13 600/17 100	4 400/18 800/30 700
Energy Grade	Cooling:	A	A
	Heating:	A	B
Power Input: Cooling (Min/Std/Max)	kW	0.26/1.09/1.4	0.5/1.46/2.2
Power Input: Heating (Min/Std/Max)	kW	0.25/1.1/1.4	0.48/1.59/3.2
Current Input: Cooling (Min/Std/Max)	A	1.6/5/6.4	2.4/6.7/10
Current Input: Heating (Min/Std/Max)	A	1.5/5.1/6.7	2.6/7.4/15
EER (Cooling):		3.21	3.22
COP (Heating):		3.64	3.46
Piping (Liquid)	Ø, mm	6.35 x 1	6.35 x 1
Piping (Gas)	Ø, mm	9.52 x 1	12.7 X 1
Piping Max. Length	m	20	50
Max Height difference	m	15	30
Refrigerant Type		R410A	R410A
Refrig. Factory Charging	kg	1.0	1.5
INDOOR UNIT			
Power Supply	Ph/V/Hz	220-240,50,1	220-240,50,1
Air flow	CMM	12	12.9
Noise level (High/Low)	dB/(A)	34/27	41/33
Net weight	kg	17	17
Gross weight	kg	20	20
Net Dimensions WxHxD	mm	575x260x575	575x260x575
Gross Dimensions WxHxD	mm	660x310x635	660x310x635
Drain Pump		Built in	Built in
Max lift Height/Displacement	mm/lit/h	750/24	750/24
OUTDOOR UNIT			
Power Supply	Ph/V/Hz	220-240,50,1	220-240,50,1
Noise level	dB/(A)	47	49
Net weight	kg	36	50
Gross weight	kg	38	53
Net Dimensions WxHxD	mm	790x548x285	880x638x310
Gross Dimensions WxHxD	mm	938x610x382	1023x704x413

1. 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
2. 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.
3. Sound pressure acquired in a dead room; actual noise level may differ depending on installation conditions.

Sold and supported nationwide by:



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