

# Inverter Mini 4-Way Cassette (R410A)

*The ideal solution for quiet climate control of commercial or domestic areas*

- Quiet energy-efficient heating/cooling for home or office
- Samsung Inverter technology saves up to 40% on energy costs
- 12 000, 18 000 & 20 000 Btu/hr models
- Environmentally-friendly R410A gas
- Max. piping length to outdoor unit: 50m (20 000 Btu model)
- Supported nationwide by Samair

**SAMSUNG**

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The ideal solution for quiet climate control of commercial or domestic areas with Samsung Inverter energy-efficiency and economy. R410A gas ensures environmental friendliness.

## SPECIFICATIONS

MODEL INDOOR UNIT			ACN035	ACN052	ACN060
MODEL OUTDOOR UNIT			RC035DHXEA	RC052DHXEA	RC060DHXEA
Power supply		V-Ph-Hz	220-240 -1-50	220-240 -1-50	220-240 -1-50
Cooling	Capacity (Min/Std/Max)	kW	0.99/3.50/4.20	1.30/5.00/5.90	1.80/5.80/6.50
	Capacity (Min/Std/Max)	Btu/h	3 400/11 900/14 300	4 400/17 100/20 100	6 100/19 800/22 200
	Input (Min/Std/Max)	kW	0.24/1.09/1.45	0,31/1.56/2.10	0.38/1.81/2.60
	Operating current (Min/Std/Max)	A	1.60/5.60/6.80	2.60/7.20/9.50	1.90/8.30/11.50
	EER	Btu/Wh	3.21	3.21	3.21
Heating	Capacity (Min/Std/Max)	kW	0.98/4.00/5.00	1.30/5.50/7.50	1.60/7.00/9.00
	Capacity (Min/Std/Max)	Btu/h	3 300/13 600/17 100	4 400/18 800/25 600	5 500/23 900/30 700
	Input (Min/Std/Max)	kW	0.18/1.11/1.40	0.35/1.53/2.40	0.35/2.18/3.60
	Operating current (Min/Std/Max)	A	1.20/5.70/6.70	2.90/7.00/11.00	1.70/10.00/17.30
	COP	Btu/Wh	3.61	3.61	3.21
Indoor air flow H/M/L		CMM	7.4/9.0/10.7	9.0/10.7/12.4	9.5/11.1/12.8
Indoor noise level (High/Mid/Low)		dB(A)	36/33/29	39/37/34	41/38/34
Indoor unit	Dimension(WxHxD)	mm	575x250x575	575x250x575	575x250x575
	Packing (WxHxD)	mm	623x298x653	623x298x653	623x298x653
	Net/Gross weight	Kg	11.0/13.0	11.7/13.7	12/14
Outdoor noise level (Cooling/Heating)		dB(A)	47/48	48/49	49/50
Outdoor unit	Dimension(WxHxD)	mm	790x548x285	790x548x285	880x798x310
	Packing (WxHxD)	mm	926x655x382	926x655x382	1023x891x413
	Net/Gross weight	Kg	33/37	38.5/42.5	55/59
Refrigerant type			R410A	R410A	R410A
Refrigerant piping	Liquid side/ Gas side	mm	6.35/9.52	6.35/12.70	6.35/15.88
	Max. refrigerant pipe length	m	20	30	50
	Max. difference in level	m	15	20	30

1) Nominal capacities are based on: (Equivalent refrigerant piping: 5m, Level difference:0m)

– Cooling: Indoor temperature: 27°C DB, 19°C WB / Outdoor temperature: 35°C DB, 24°C WB

– Heating: Indoor temperature: 20°C DB, 15°C WB / Outdoor temperature: 7°C DB, 6°C WB

2) Sound pressure was acquired in an anechoic room; actual noise levels may differ according to installation conditions



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