



SAMSUNG A3050 ROOM AIR CONDITIONER AND HEAT PUMP

Unique new design *for better air flow*

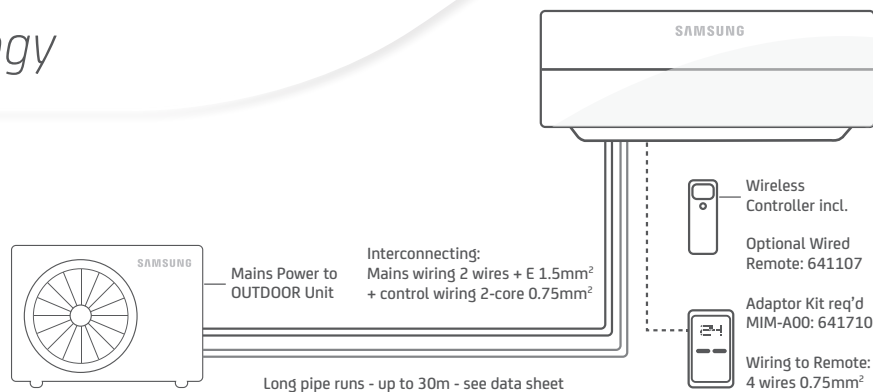
The A3050 is a revolutionary new design of indoor unit which gives improved air flow for faster cooling over a wide area. The design and performance of the A3050 make it ideal for shops, offices, cafes and surgeries.

- Triangular shape achieves the longest and widest air flow: up to 14m
- No blind spots ensures greater comfort and limits number of units needed
- Fast-cool mode brings room temperature down exceptionally quickly
- Automatic Comfort Cool mode maintains the desired temperature and stops cold drafts
- Single user mode automatically adjusts capacity to save energy
- Low noise levels down to 19dBa

SAMSUNG

A3050

Smart Inverter Technology



Technical features

- Low cost – Competitive price
- Digital Inverter Technology
- Optional wired Controller
- A to A++ Efficiency Rated
- 4 models: 2.5kW to 6.8kW
- 24hr timer
- Auto changeover mode
- Low ambient operation
- Turbo cool mode
- Standby power saving 0.8W
- High efficiency and wi-fi models
- Triple Protector
- Comfort Cool mode
- HD Dust & Bacteria Filtration
- Single User Mode
- Auto restart
- Quiet mode
- 14m Air Flow
- Easy Filter Change
- Easy install

MODEL CODE			AR09HSFSBURNET	AR12HSFSBURNET	AR18HSFSBURNET	AR24HSFSBURNET
HRP System Code			644185	644190	644195	644200
Nominal performance	Cooling	kW	2.50	3.50	5.00	6.80
		(min - max)	1.30 - 3.30	1.30 - 4.00	1.60 - 6.00	2.20 - 8.00
	Heating	kW	3.30	4.00	6.00	8.00
		(min - max)	0.95 - 4.70	0.95 - 5.10	1.20 - 8.20	1.90 - 10.00
Seasonal Energy Efficiency (Energy label)	Cooling	SEER	5.60 (A+)	5.60 (A+)	6.70 (A++)	7.00 (A++)
	Heating	SCOP	4.00 (A+)	4.00 (A+)	3.80 (A)	3.80 (A)
Pdesignh	(average)	kW	2.40	2.40	3.90	4.50
Moisture removal		l/hr	0.9	1.2	1.8	2.4
Air Circulation	max	m ³ /min	11	12	19	19
Sound Pressure Level	Indoor High/Low	dBA	36/19	37/19	41/25	43/26
	Outdoor	dBA	44	46	51	52
Sound Power	Indoor/Outdoor	dBA	54/59	56/62	58/65	62/67

ELECTRICAL DATA			AR09HSFSBURNET	AR12HSFSBURNET	AR18HSFSBURNET	AR24HSFSBURNET
Power Supply		V / Hz / Ph	220~240/ 50/ 1	220~240/ 50/ 1	220~240/ 50/ 1	220~240/ 50/ 1
Energy Consumption	Cooling	kWh/annum	156	219	261	340
	Heating	kWh/annum	840	840	1437	1658
Nominal Running current	Cooling	A	3.6	5.0	6.8	9.0
	Heating	A	4.4	5.5	7.8	11.0
MCB (Recommended)		A	20	20	25	25

DIMENSIONS & WEIGHTS			AR09HSFSBURNET	AR12HSFSBURNET	AR18HSFSBURNET	AR24HSFSBURNET
Net Dimension	Indoor	mm	826x260x275	826x260x275	1063x294x317	1063x294x317
(W x H x D)	Outdoor	mm	720x548x265	720x548x265	880x638x310	880x793x310
Net Weight	Indoor	kg	9.5	9.5	13.0	14.0
	Outdoor	kg	29.5	29.5	43.5	52.5

TECHNICAL INFORMATION			AR09HSFSBURNET	AR12HSFSBURNET	AR18HSFSBURNET	AR24HSFSBURNET
Refrigerant Pipe dia	Liquid	OD"	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD"	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	15.88 (5/8)
Piping Length	Max	m	15	15	30	30
Piping Height diff	max	m	8	8	15	15
Refrigerant	R410A	GWP	1975	1975	1975	1975
Refrigerant Charge		kg	0.95	0.95	1.15	1.50
Factory Charge		m	5	5	5	5
Additional charge		g/m	15	15	15	15
Ambient Operation range	Cooling	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24



Air Conditioning
Centre

In conjunction with Samsung

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