DESIGN AWARD 2016

360 Cassette
All-round cool

360 Cassette Split Systems

SAMSUNG

Circular Design

Its full-circle design allows it to be placed beautifully to meet your aesthetic interior designs.

Blade-less

Blade-less design means no louver vanes to obstruct air flow, increasing air flow delivery. The Samsung booster fan design enables directional air flow settings without the need of louver blades.

Balanced Air Conditioning

Innovative 360 degree airflow provides optimal air conditioning, minimising hot spots and cold spots, contributing to fast and even temperature control.

LED Display

Circular LED displays airflow direction setting of horizontal and vertical airflow operation.

360 Cassette Split Systems

Model Name	Indoor Unit		AC071KN4PEH/SA	AC100KN4PEH/SA	AC125KN4PEH/SA	AC140KN4PEH/SA
	Outdoor Unit		AC071KXAPEH/SA	AC100KXAPEH/SA	AC125KXAPEH/SA	AC140KXAPEH/SA
Power Supply		Φ, #, V, Hz	1Φ, 220-240V/50Hz	1Φ, 220-240V/50Hz	1Φ, 220-240V/50Hz	1Φ, 220-240V/50Hz
Capacity	Cooling (Min / Std / Max)[1]	kW	2.20/7.10/8.00	3.50/10.00/12.00	3.50/12.50/14.00	4.40/13.60/15.50
	Heating (Min / Std / Max)[2]	kW	1.90/8.00/9.00	3.50/11.20/15.50	3.50/14.00/16.20	3.50/16.00/20.00
Energy Efficiency	EER (Cooling)		3.8	3.8	3.2	3.2
	COP (Heating)		3.9	4.06	3.75	3.6
Indoor Unit	Air Flow Rate (H/M/L)	L/S	358/300/242	500/433/367	533/450/383	550/467/400
	Sound Pressure (H/M/L)[3]	dBA	34/31/28	43/37/32	44/39/34	44/40/36
	Net Dimensions (WxHxD)	mm	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
	Net Weight	kg	24	26	26	26
Internal unit height from ceiling (Standard installation)	With Circular panel	mm	289	289	289	289
	With Square panel	mm	317	317	317	317
Outdoor Unit	Compressor Type		Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	Sound Pressure (Cooling)	dBA	49/51	51/53	51/53	53/55
	Net Dimensions (WxHxD)	mm	880 x 798 x 310	940 x 1210 x 330	940 x 1210 x 330	940 x 1420 x 330
	Net Weight	kg	50.5	90	90	98
Piping Connections	Liquid Pipe	Φ, mm	6.35	9.52	9.52	9.52
		Φ, inch	1/4	3/8	3/8	3/8
	Gas Pipe	Φ, mm	15.88	15.88	15.88	15.88
		Φ, inch	5/8	5/8	5/8	5/8
Allowable Pipe Run	Max. Length (OD to ID)	m	50	75	75	75
	Max. Height (Between ID/OD)	m	30	30	30	30
Drain Pump	Type		Built In	Built In	Built In	Built In
	Max Lift (from drain outlet connection)	mm	550	550	550	550
Refrigerant			R410A	R410A	R410A	R410A
Operating Temperature Range	Cooling	°C	-15.0 to 50.0	-15.0 to 50.0	-15.0 to 50.0	-15.0 to 50.0
	Heating	°C	-20.0 to 24.0	-20.0 to 24.0	-20.0 to 24.0	-20.0 to 24.0

Accessories, sold separately

PC4NUDMAN

PC4NBDMAN

PC4NUNMAN

PC4NBNMAN

AR-KH00E
(Wirelesss controller)

Model Name	Type	Finish	Dimensions (mm)
PC4NUDMAN	Square	White	1000W x 66H x 1000D
PC4NBDMAN	Square	Black	1000W x 66H x 1000D
PC4NUNMAN	Circular	White	1050Ø x 94H
PC4NBNMAN	Circular	Black	1050Ø x 94H

These systems must be installed by a qualified technician. All information at the time of print is correct and valid. Specifications and features are subject to change without notice.
1) Nominal 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) Nominal 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.

Wi-Fi Control

Samsung 360 Cassette featured in the brochure can be controlled via a compatible Smart device* when combined with optional WiFi kit (MIM-H03N), sold separately.

*Wi-Fi enabled control requires a wireless router. Wi-Fi enabled control is compatible with selected Android™ and iOS Smartphones and requires Samsung Smart Home App, downloaded from Play store, Galaxy Apps and iTunes Store.
Internet connection required. Data charges may apply.
Android is a trademark of Google Inc. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under licence. iTunes is a trademark of Apple Inc., registered in the U.S. and other countries.

Products are sold separately.

Samsung Air Conditioning Committed to After Sales and Warranty Support

5 Year Warranty on Parts and Labour

Rest assured that you are buying a quality Air Conditioner with Samsung's 5 year parts and labour warranty on products featured in this brochure. Refer to the warranty card included with your product for full details.*

* This is in addition to the rights of consumers under consumer guarantees pursuant to the Australian Consumer Law.

MEPS Compliant

Air Conditioners sold in Australia are required to meet Minimum Energy Performance Standards (MEPS) set by the Government.

National Samsung Service Network

Our national network of Authorised Service Centres and Customer Service Plazas are on hand to support your product.

Product Support Line

If you have any concerns about your product simply call 1300 362 603 and our friendly staff will assist with your enquiry and book a service call if required.

To learn more about Samsung AIR CONDITIONERS
visit www.samsung.com/au/consumer/home-appliances/air-conditioners

Or drop us an email at airsolutions.samsung@samsung.com

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