Samsung Ducted Air Conditioning Systems

SAMSUNG

More than a trusted Air Conditioning solution

Home, is a place full of special moments and wonderful memories where we live and grow in our own unique ways. At Samsung, we imagine all sorts of innovative ways to improve how your home functions and help it run smoothly – to help give you more quality time to enjoy life.

We are proud to say our Samsung brand is part of an intuitive and humanistic product design company, and one of the world's top electronics producers.

Samsung Air Conditioners have been designed with the same passion for innovation and quality that has helped make Samsung one of the Interbrand 2017 Best Global Brands.*

Samsung Air Conditioning systems are held in high esteem around the world and have been selected for a multitude of developments including apartments, housing, shopping centres, airports, stadiums and hotels. Samsung continues to invest heavily in R&D, performance testing and quality control to deliver quality Air Conditioning systems to market.

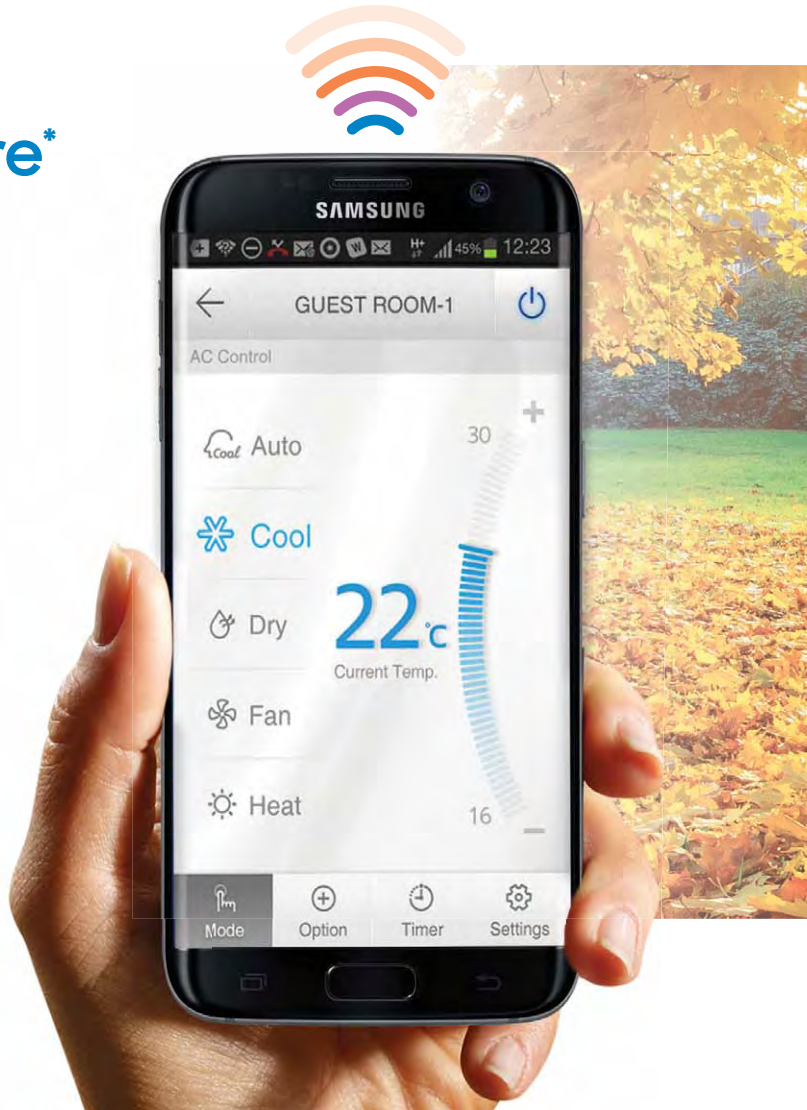
2017 Best Global Brands*	
1	Apple
2	Google
3	Microsoft
4	Coca-Cola
5	Amazon
6	**Samsung**
7	Toyota
8	Facebook
9	Mercedes-Benz

*Source: Interbrand Best Global Brands 2017 Rankings

Control your comfort from virtually anywhere*

WiFi control is now available for Samsung Ducted Air Conditioners.

Samsung WiFi enabled* Air Conditioners aim to change the way you can control your comfort as the control is literally at your finger tips, virtually no matter where you are. Samsung WiFi enabled Air Conditioners allow the user to control the Air Conditioning unit via their compatible Android™ or iOS Smartphone or compatible Tab (sold separately) while they are in or out of the house.



*WiFi enabled control requires a wireless router. WiFi enabled control is compatible with selected Android™ and iOS Smartphones and requires the Smart Air Conditioner app, downloaded from Google Play or iTunes. To use 'Out Of House' control, users must register the product at http://global.samsungsmartappliance.com. 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.

Samsung Smartphone is sold separately.

PRINCIPAL PARTNER

SAMSUNG

Image used with permission from Sydney Opera House Trust.

Out of Home*

Using your compatible Smartphone or compatible Tab you can now control your Samsung Air Conditioning unit from virtually anywhere outside of your home. When connected out of home, you will need to be on a 3G, 4G or WiFi network.

Forgotten to turn your Air Conditioning unit off?

Samsung WiFi control allows you to turn the Air Conditioning System off virtually wherever you are*. Before you get home, check the current temperature in the room and turn your Air Conditioner on to your preferred temperature so it's to your comfort on arrival.

At Home

When connected to your in house WiFi network, your compatible Smart device acts like another remote control. However, line of sight is not always needed. For example, you could turn on your Air Conditioning unit from your compatible Smartphone or compatible Tab in the upstairs bedroom whilst you sit on the lounge watching TV so that your room is comfortable before going up to sleep.

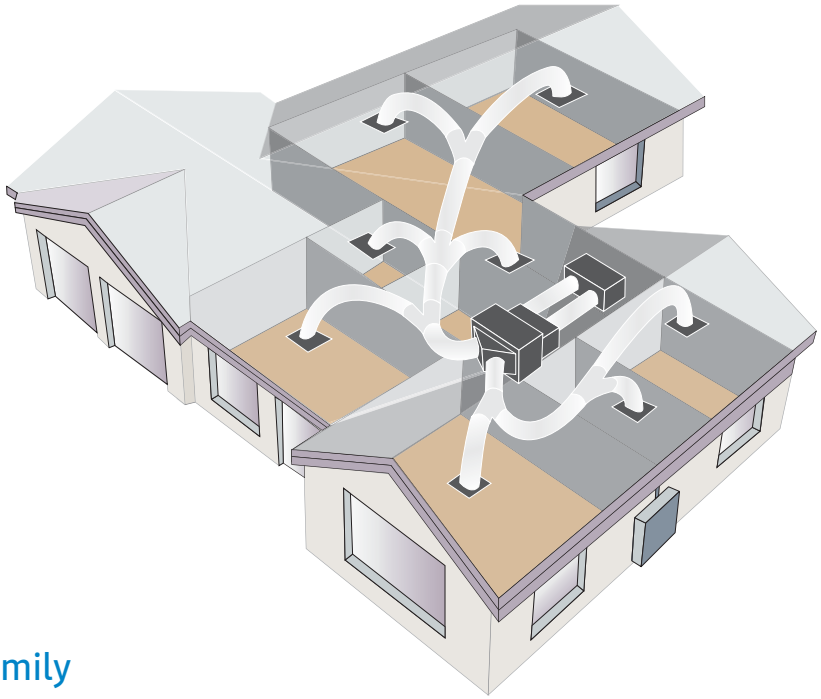
Tablet

Smartphone

Visit **www.samsung.com/au/air-conditioners/ducted-range/** for more information about Samsung Air Conditioners.

Samsung Smartphone and Tab sold separately.

Samsung Ducted Air Conditioning System



Working to keep you and your family comfortable all year round

A Samsung inverter reverse cycle Ducted Air Conditioner is designed to enable each room in your home to be cooled or heated by one system. Ducted Systems are also relatively unobtrusive as the conditioned air is distributed through ducts hidden in your roof space to outlets in the ceiling of each room.

The primary components of your Samsung Ducted System consist of the indoor unit, outdoor unit and controller.

Controller

A stylish and intuitive controller makes it easy to select desired temperature and fan speeds. Some controller models also include a number of features such as LCD backlighting and time scheduling.

Outdoor Unit

The outdoor unit contains the Samsung Smart Inverter compressor which circulates refrigerant to the indoor unit and back again. The unit also contains a heat exchanging coil and a fan which blows air across the coil.

Indoor Unit

The indoor unit, hidden from view, also contains a heat exchanging coil that cools the air in your house in cooling mode and warms it in heating mode. A fan then blows the conditioned air through the ducts installed in your roof space to the outlets in the ceiling of each room.

DUCT S Systems

5.2kW to 14kW models

Features

Samsung Inverter Compressor

Samsung's Smart Inverter technology helps to maintain the ideal programmed temperature without constantly shutting off and switching on the compressor. It can automatically adjust the capacity of the system to cope with almost any temperature variances, helping to ensure that you experience minimal temperature fluctuation.

Comfortable and Reliable

-20°C to 50°C

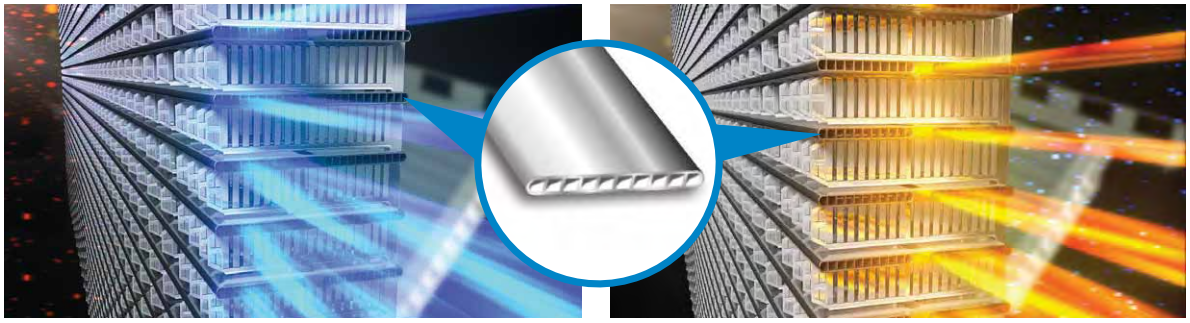
Samsung Ducted Air Conditioners are designed to keep on working, even on those extremely hot or cold days. With an operating range of -15°C to 50°C outside air temperature for cooling, and -20°C to 24°C for heating, you can be assured that your unit can work when you need it*.

*Whilst the unit will keep running up to 50°C for cooling, as the outside temperature rises above 35°C, the cooling capacity will reduce. Similarly for heating, the capacity begins to reduce below 7°C.

Flat Micro-Channel Technology

Duct S features flat micro-channel heat exchanger technology. Samsung engineers have used this technology to develop a low profile, light-weight design with exceptional cooling and heating performance.

Applicable to 5 to 14kW models only



Flat Micro-Channel Heat Exchanger

Demand Response Enabled Device (D.R.E.D)

D.R.E.D

D.R.E.D allows certain energy providers to limit your power consumption during peak demand times to help reduce power strain on the electricity network. Participation may entitle you to rebates from your energy provider, contact your energy provider to find out if it recognises D.R.E.D and for details. All Samsung Duct S systems enable D.R.E.D, with the option of DRM1, DRM2, and DRM3 levels.

Other Features

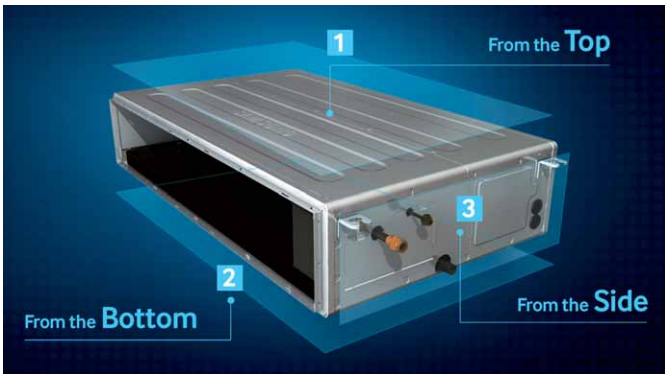
Powerful Airflow

Duct S indoor units contain up to 3 fans* and are designed to handle duct lengths with static pressures of up to 200pa**; to provide powerful airflow in your home.

*3 fans for 9~14kW units, 2 fans for 5.2 and 7.1kW units.
**200pa for 10~14kW units, 150pa for 5.2~9kW units

Quiet Operation

Duct S is designed to operate very quietly helping to maintain a peaceful environment.



3-Way Service Access

Low-Profile

Duct S indoor units are very slim: only 250mm high for 5~9kW units and 300mm for 10kW and above. This helps enable Duct S to be installed in narrow roof spaces.

Light-Weight Design

The weight of the Duct S indoor unit has been reduced compared to the previous Samsung ducted range: as light as 24kg for 5.2kW and 7.1kW models.

3-Way Service Access

Duct S indoor units feature removable panels on three sides for ease of maintenance.

Control Options (5.2kW to 14kW models)

MWR-WE10
(5.2kW to 14kW models only)

WiFi control*
MIM-H03

External contact interface module
MIM-B14

- WiFi* Control (optional)
- MWR-WE10 LCD Backlit Control (optional)
- MIM-B14 External contact interface module(optional)

  Indoor unit on/off control by external contact to key card, push button timer, sensor, etc.

  Output to contact for outside air fan, etc.

*Applications must be downloaded from Google Play or iTunes on to your compatible Android or iOS smartphone. Internet connection required. Data subscription and other charges may apply.

DUCT S Systems

5.2kW to 14kW models, Heat Pump, 1 phase power supply

Type				Duct S	Duct S
Model Name System	Indoor Unit			AC052HBHFKH/SA	AC071HBHFKH/SA
	Outdoor Unit			AC052HCAFKH/SA	AC071HCAFKH/SA
Capacity	Cooling (Min / Std / Max)[1]		kW	1.30 / 5.20 / 6.50	2.00 / 7.10 / 8.00
	Heating (Min / Std / Max)[2]		kW	1.10 / 6.00 / 8.00	1.50 / 8.00 / 9.00
Power	Power Input (Nominal)	Cooling (Min / Std / Max)	kW	0.35 / 1.32 / 2.1	0.47 / 2.01 / 3.00
		Heating (Min / Std / Max)	kW	0.26 / 1.49 / 2.80	0.36 / 2.01 / 3.50
	Current Input (Nominal)	Cooling (Min / Std / Max)	A	1.90 / 6.30 / 9.50	2.80 / 9.10 / 13.30
		Heating (Min / Std / Max)	A	1.50 / 7.30 / 12.30	2.20 / 9.10 / 15.50
	MCA, Maximum Input Current[4]		A	15	18
	MFA, Maximum Fuse Amps[4]		A	20	25.00
Energy Efficiency	EER (Nominal Cooling)		-	3.94	3.53
	COP (Nominal Heating)		-	4.03	3.98
	Energy Grade		-	AEER 3.86	AEER 3.45
			-	ACOP 3.96	ACOP 3.89
Piping Connections	Liquid Pipe		Φ, mm(inch)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Φ, mm(inch)	12.70 (1/2)	15.88 (5/8)
	Installation Limitation	Max. Length	m	30	50
		Max. Height	m	20	30
Refrigerant	Type		-	R410A	R410A
	Factory Charging		kg	1.40 (charged for 5m)	1.50 (charged for 5m)
Indoor Unit					
Power Supply			Φ, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60
Fan	Air Flow Rate	Max/H/M/L	ℓ/s	366.67/ 266.67 / 225.00 / 183.33	500.00 / 366.67 / 316.67 / 266.67
	External Static Pressure	Min/Std/Max	Pa	30.00 / 40.00 / 150.00	30.00 / 40.00 / 150.00
Drain	Drain Pipe		Φ, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
	Drain Pump (optional extra)			MDP-G075SP (external type)	MDP-G075SP (external type)
Sound	Sound Pressure[3]	High / Mid / Low	dB(A)	35.0	37.0
External Dimension	Net Weight		kg	24.00	24.00
	Shipping Weight		kg	28.00	28.00
	Net Dimensions (WxHxD)		mm	850 x 250 x 700	850 x 250 x 700
	Supply Air Opening (WxH)		mm	818 x 220	818 x 220
	Return Air Opening (WxH)		mm	818 x 220	818 x 220
	Shipping Dimensions (WxHxD)		mm	1,100 x 320 x 780	1,100 x 320 x 780
Outdoor Unit					
Power Supply			Φ, #, V, Hz	1,2,220-240,50/60	1,2,220-240,50/60
Compressor	Type		-	Twin BLDC Rotary	Twin BLDC Rotary
Fan	Air Flow Rate	Cooling	ℓ/s	883.33	900.00
Sound	Sound Pressure[3]	Cooling / Heating	dB(A)	48.0 / 50.0	49.0 / 51.0
External Dimension	Net Weight		kg	54.00	55.00
	Shipping Weight		kg	58.00	59.00
	Net Dimensions (WxHxD)		mm	880 x 798 x 310	880 x 798 x 310
	Shipping Dimensions (WxHxD)		mm	1,023 x 891 x 413	1,023 x 891 x 413
Operating Temp. Range	Cooling		ºC	-15 ~ 50	-15 ~ 50
	Heating		ºC	-20 ~ 24	-20 ~ 24

1) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

2) Nominal heating capacities are based on;
- Indoor temperature : 20°DB, 15°WB
- Outdoor temperature : 7°DB, 6°WB, Equivalent refrigerant piping : 5m, Level differences : 0m

3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

4) Size wiring and fuse in accordance to local electrical regulation standards.

Specifications may be subject to change without prior notice due to product development.

Duct S	Duct S	Duct S	Duct S
AC090HBHFKH/SA	AC100HBHFKH/SA	AC120HBHFKH/SA	AC140HBHFKH/SA
AC090HCAFKH/SA	AC100HCAFKH/SA	AC120HCAFKH/SA	AC140HCAFKH/SA
2.60 / 9.00 / 11.50	3.50 / 10.00 / 12.00	3.50 / 12.00 / 14.00	3.50 / 14.00 / 15.40
2.80 / 10.00 / 15.50	3.70 / 11.20 / 17.00	3.70 / 14.00 / 19.00	3.70 / 16.00 / 21.00
0.70 / 2.60 / 4.50	0.90 / 2.57 / 3.90	0.90 / 3.50 / 4.0	0.95 / 4.12 / 5.40
0.65 / 2.50 / 5.50	0.81 / 2.56 / 6.90	0.85 / 3.33 / 7.2	0.85 / 3.98 / 7.50
4.00 / 12.00 / 19.50	4.50 / 12.00 / 17.50	4.50 / 16.00 / 20.00	5.00 / 18.80 / 24.00
3.40 / 11.50 / 21.80	4.00 / 11.80 / 31.20	4.30 / 15.20 / 31.40	4.50 / 18.40 / 31.60
24	30	31	32
30.00	32	40.00	40.00
3.46	3.89	3.43	3.40
4.00	4.38	4.20	4.02
AEER 3.38	AEER 3.82	AEER 3.38	AEER 3.31
ACOP 3.97	ACOP 4.27	ACOP 4.20	ACOP 3.94
9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
50	75	75	75
30	30	30	30
R410A	R410A	R410A	R410A
2.60 (charged for 30m)	2.90 (charged for 30m)	2.90 (charged for 30m)	2.90 (charged for 30m)
1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60
633.33 / 533.33 / 450.00 / 366.67	816.67 / 533.33 / 450.00 / 366.67	833 / 633 / 533 / 416	1000.00 / 700.00 / 566.67 / 416.67
30.00 / 50.00 / 150.00	30.00 / 50.00 / 200.00	30.00 / 60.00 / 200.00	30.00 / 60.00 / 200.00
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
MDP-G075SP (external type)	MDP-G075SP (external type)	MDP-G075SP (external type)	MDP-G075SP (external type)
38.0	37.0	39.0	40.0
31.50	45.50	45.50	45.50
36.50	51.50	51.50	51.50
1,200 x 250 x 700	1,300 x 300 x 700	1,300 x 300 x 700	1,300 x 300 x 700
1168 x 220	1268 x 270	1268 x 270	1268 x 270
1168 x 220	1268 x 270	1268 x 270	1268 x 270
1,450 x 320 x 780	1,550 x 370 x 780	1,550 x 370 x 780	1,550 x 370 x 780
1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/6	1,2,220-240,50/60
Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
1,050.00	1,600.00	1,916.67	1,916.67
49.0 / 52.0	49.0 / 51.0	50.0 / 51.0	51.0 / 52.0
70.00	98.00	98.00	98.00
74.00	108.00	108.00	108.00
940 x 998 x 330	940 x 1,420 x 330	940 x 1,420 x 330	940 x 1,420 x 330
995 x 1,096 x 426	995 x 1,597 x 426	995 x 1,597 x 426	995 x 1,597 x 426
-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24

D.R.E.D Samsung Duct S units are enabled with Demand Response Enabled Device (D.R.E.D) circuitry.

DUCT S Systems

10kW, 12kw, 14kW models, Heat Pump, 3 phase power supply

Type			
Model Name System	Indoor Unit		
	Outdoor Unit		
Capacity	Cooling (Min / Std / Max)[1]		kW
	Heating (Min / Std / Max)[2]		kW
Power	Power Input (Nominal)	Cooling (Min / Std / Max)	kW
		Heating (Min / Std / Max)	kW
	Current Input (Nominal)	Cooling (Min / Std / Max)	A
		Heating (Min / Std / Max)	A
	MCA, Maximum Input Current[4]		A
	MFA, Maximum Fuse Amps[4]		A
Energy Efficiency	EER (Nominal Cooling)		-
	COP (Nominal Heating)		-
	Energy Grade		-
			-
Piping Connections	Liquid Pipe		Φ, mm(inch)
	Gas Pipe		Φ, mm(inch)
	Installation Limitation	Max. Length	m
		Max. Height	m
Refrigerant	Type		-
	Factory Charging		kg
Indoor Unit			
Power Supply			Φ, #, V, Hz
Fan	Air Flow Rate	Max/H/M/L	ℓ/s
	External Static Pressure	Min/Std/Max	Pa
Drain	Drain Pipe		Φ, mm
	Drain Pump (optional extra)		
Sound	Sound Pressure[3]	High / Mid / Low	dB(A)
External Dimension	Net Weight		kg
	Shipping Weight		kg
	Net Dimensions (WxHxD)		mm
	Supply Air Opening (WxH)		mm
	Return Air Opening (WxH)		mm
	Shipping Dimensions (WxHxD)		mm
Outdoor Unit			
Power Supply			Φ, #, V, Hz
Compressor	Type		-
Fan	Air Flow Rate	Cooling	ℓ/s
Sound	Sound Pressure[3]	Cooling / Heating	dB(A)
External Dimension	Net Weight		kg
	Shipping Weight		kg
	Net Dimensions (WxHxD)		mm
	Shipping Dimensions (WxHxD)		mm
Operating Temp. Range	Cooling		ºC
	Heating		ºC

1) Nominal cooling capacities are based on;
- Indoor temperature : 27°C DB, 19°C WB
- Outdoor temperature : 35°C DB, 24°C WB, Equivalent refrigerant piping : 5m, Level differences : 0m

2) Nominal heating capacities are based on;
- Indoor temperature : 20°DB, 15°WB
- Outdoor temperature : 7°DB, 6°WB, Equivalent refrigerant piping : 5m, Level differences : 0m

3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

4) Size wiring and fuse in accordance to local electrical regulation standards.

Specifications may be subject to change without prior notice due to product development.

Duct S	Duct S	Duct S
AC100HBHFKH/SA	AC120HBHFKH/SA	AC140HBHFKH/SA
AC100HCAFNH/SA	AC120HCAFNH/SA	AC140HCAFNH/SA
3.50 / 10.00 / 12.00	3.50 / 12.00 / 14.00	3.50 / 14.00 / 15.40
3.70 / 11.20 / 17.00	3.70 / 14.00 / 19.00	3.70 / 16.00 / 21.00
0.90 / 2.57 / 3.90	0.90 / 3.50 / 4.50	0.95 / 4.12 / 5.40
0.81 / 2.56 / 6.90	0.85 / 3.33 / 7.20	0.85 / 3.98 / 7.5
1.70 / 4.40 / 6.80	1.70 / 5.60 / 7.20	1.90 / 6.70 / 8.50
1.50 / 4.30 / 10.40	1.50 / 5.40 / 11.20	1.70 / 6.60 / 11.20
14.70	14.70	14.70
16.20	16.20	16.20
3.89	3.43	3.40
4.38	4.20	4.02
AEER 3.83	AEER 3.39	AEER 3.34
ACOP 4.24	ACOP 4.12	ACOP 3.99
9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
75	75	75
30	30	30
R410A	R410A	R410A
2.90 (charged for 30m)	2.90 (charged for 30m)	2.90 (charged for 30m)
1,2,220-240,50/60	1,2,220-240,50/60	1,2,220-240,50/60
816.67/ 533.33 / 450.00 / 366.67	833.33/ 633.33 / 533.33 / 416.67	1000 / 700 / 567 / 417
30.00 / 50.00 / 200.00	30.00 / 60.00 / 200.00	30.00 / 50.00 / 200.00
VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
MDP-G075SP (external type)	MDP-G075SP (external type)	MDP-G075SP (external type)
37.0	39.0	40.0
45.50	45.50	45.50
51.50	51.50	51.50
1,300 x 300 x 700	1,300 x 300 x 700	1,300 x 300 x 700
1268 x 270	1268 x 270	1268 x 270
1268 x 270	1268 x 270	1268 x 270
1,550 x 370 x 780	1,550 x 370 x 780	1,550 x 370 x 780
3,4,380-415,50/60	3,4,380-415,50/60	3,4,380-415,50/60
Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
1,600.00	1,916.67	1,916.67
49.0 / 51.0	50.0 / 51.0	51.0 / 52.0
100.00	100.00	100.00
110.00	110.00	110.00
940 x 1,210 x 330	940 x 1,420 x 330	940 x 1,420 x 330
995 x 1,597 x 426	995 x 1,597 x 426	995 x 1,597 x 426
-15 ~ 50	-15 ~ 50	-15 ~ 50
-20 ~ 24	-20 ~ 24	-20 ~ 24

D.R.E.D

Samsung Duct S units are enabled with Demand Response Enabled Device (D.R.E.D) circuitry.

BIG DUCT S Systems

16kW, 18kw, 20kW models, Heat Pump

Designed to help meet Australian conditions

Model Name		Indoor Unit	
		Outdoor Unit	
	Power Supply	Indoor Unit	
		Outdoor Unit	
	Capacity	Cooling (Min/Std/Max)[1]	kW
		Heating (Min/Std/Max)[2]	kW
	Efficiency	EER (Std, Cooling)	
		COP (Std, Heating)	
	Circuit Amps	MCA, Maximum Input Current[4]	A
		MFA, Maximum Fuse Amps[4]	A
	Indoor Unit	Airflow Rate (H, M, L)	l/s
		ESP (H,M,L)	Pa
		Sound Pressure @ 1.5m (H/L)[3]	dB(A)
		Unit Dimensions (WxHxD)	mm
		Weight	kg
		Supply Air Opening (WxH)	mm
		Return Air Opening (WxH)	mm
		Drain Pipe Connection	mm
		Drain Pump (Optional)	
	Outdoor Unit	Compressor type	
		Sound Pressure @ 1m (Cool/Heat)[3]	dB(A)
		Weight	kg
		Unit Dim (WxHxD)	mm
	Pipe Connection	Liquid Pipe	mm, in
		Gas Pipe	mm, in
	Installation	Max. Length	m
		Max. Height	m
	Refrigerant	Type	
		Factory Charge	kg
		Additional charge	kg
	Operating Temp. Range	Cooling	ºC
		Heating	ºC

1) Nominal cooling capacities are based on;
- Indoor temperature: 27°C DB, 19°C WB
- Outdoor temperature: 35°C DB, 24°C WB
Equivalent piping: 5m (16kW, 18kW), 7.5m (20kW), level difference 0m.

2) Nominal heating capacities are based on;
- Indoor temperature: 20°DB, 15°WB
- Outdoor temperature: 7°C DB, 6°C WB
Equivalent piping: 5m (16kW, 18kW), 7.5m (20kW), level difference 0m.

3) Sound pressure was acquired in an anechoic room, actual noise level may be different depending on installation conditions.

4) Size wiring and fuse in accordance to local electrical regulation standards.

Specifications may be subject to change without prior notice for product improvement.

Separable for easy handling

Cutout for roof truss for easy installation

AC160JNHFKH/SA	AC160JNHFKH/SA	AC180JNHFKH/SA	AC200JNHFKH/SA
AC160JXAFKH/SA	AC160JXAFNH/SA	AC180JXAFNH/SA	AC200JXAFNH/SA
220-240V 1-phase	220-240V 1-phase	220-240V 1-phase	220-240V 1-phase
220-240V 1-phase	380-415V 3-phase	380-415V 3-phase	380-415V 3-phase
4.5 / 16.0 / 18.0		6.0 / 18.0 / 20.0	6.2 / 20.0 / 22.5
3.7 / 18.0 / 20.0		4.8 / 20.0 / 22.5	5.0 / 22.5 / 25.0
3.4	3.4	3.4	3.3
3.7	3.7	3.7	3.7
34.5	14.5	14.5	25.0
40.0	16.0	16.0	31.3
1116 / 966 / 816		1183 / 1000 / 833	1200 / 1016 / 850
196 / 60 / 49			196 / 72 / 49
43 / 39 / 35			44 / 40 / 36
1,350 x 450 x 910			
78.5	78.5	82.5	82.5
1284 x 360			
1284 x 360			
OD25, ID20			
MDP-G075SQ (internal type), MDP-G075SP (external type)			
Twin BLDC Rotary			BLDC Scroll
53.0 / 55.0	53.0 / 55.0	55.0 / 57.0	57.0 / 59.0
95	95	107.5	190
940 x 1,420 x 330			880 x 1,695 x 765
9.52, 3/8”			
15.88, 5/8”		19.05, 3/4”	
75 (75)	75 (75)	75 (75)	150 (150)
30 (30)	30 (30)	30 (30)	50 (40)
R410A			
3.5	3.5	4.6	8.0
+50g/m over 30m			+60g/m over 30m
-15 to 50			
-20 to 24			

D.R.E.D

Samsung Duct S units are enabled with Demand Response Enabled Device (D.R.E.D) circuitry.

Easy to use and stylish in design

To accompany your Samsung Ducted Air Conditioning System is a choice of controllers such as wired controller MWR-WE10 / MWR-WE10N, or MWR-SH10N Simplified touch controller, or WiFi controls, or wireless controller kits.

MWR-WE10N controller applies to 16, 18, and 20kW Duct models.

MWR-WE10 / MWR-WE10N controller

MWR-WE10 / MWR-WE10N controller Features

Clear and Bright LCD Backlit Screen

Real-Time Clock Function

Quick-Access On/Off and Temperature Selection Buttons

Built-In Room Temperature Sensor

Child Lock

Button Permission Levels

Weekly Operation Scheduler

Enables you to set your system to run automatically at certain times of each day of the week.

Filter Replacement Alert

On/Off Timer

Allows the system to be started or stopped after a set time has passed.

Upper/Lower Temperature Limit Setting

Helps prevent temperature changes outside a set range.

Automatic Stop Function

Can help set the unit to stop running after a set time has passed. This can help prevent the system being left on accidentally.

WiFi Control*

(WiFi kit required, sold separately)

MR-EH00

MRK-A10N

Wireless IR Remote Controller

Consists of:

MR-EH00 Wireless controller

MRK-A10N Wireless controller receiver

MIM-H03

WiFi kit, applicable for 5.2kW to 14kW ducted systems

MIM-H03N

WiFi kit, applicable for 16, 18, and 20kW ducted systems.

MWR-SH10N Simplified Touch Controller (optional for use with 16, 18, 20kW ducted system models only)

- Large display with backlight
- On/off, operation mode
- Fan speed and temperature setting
- Simple on/off timer
- Built-in temperature sensor

MIM-B14 External contact interface module

Indoor unit on/off control by external contact to key card, push button timer, sensor, etc.

Output contact to relay for outside air fan connection.

*WiFi enabled control requires a wireless router. WiFi enabled control is compatible with selected Android™ and iOS Smartphones and requires the Smart Air Conditioner app, downloaded from Google Play or iTunes. To use 'Out Of House' control, users must register the product at http://global.samsungsmartappliance.com. 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.

WiFi Control

Samsung systems featured in the brochure can be controlled by a compatible smart device* when combined with the optional WiFi kit.

WiFi kit App

Router

WiFi kit

Ducted

Products are sold separately.

WiFi kit App

Features that control your comfort from virtually anywhere.*

Turn your Air Conditioning unit On/Off

Check and adjust the temperature of the room

Advanced On/Off Timer settings

Program what time you want your unit to turn on or off

Set day(s) of the week you would like this to occur

Multiple Air Conditioning units can be run from one App on a compatible device

- Controlling of zones via WiFi is not available
- Existing WiFi infrastructure required
- Samsung WiFi Kit App needs to be installed on your compatible smartphone

* WiFi enabled control requires a wireless router. WiFi enabled control is compatible with selected Android™ and iOS Smartphones and requires the Smart Air Conditioner app, downloaded from Google Play or iTunes. To use 'Out Of House' control, users must register the product at http://global.samsungsmartappliance.com. 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.

Compatible Smart device sold separately.

Samsung Air Conditioning are committed to After Sales and Warranty Support providing you peace of mind

5 Year Warranty on Parts and Labour

Peace of mind knowing we have you covered with Samsung's 5 years parts and labour warranty for residential application for products featured in this brochure. Refer to the warranty card included with your product for full details.*

National Samsung Service Network

Our extensive national repairer network and dedicated Service Centres are on hand to support your product. And with extensive spare parts in Australia to ensure we get your air conditioning back up and running fast.

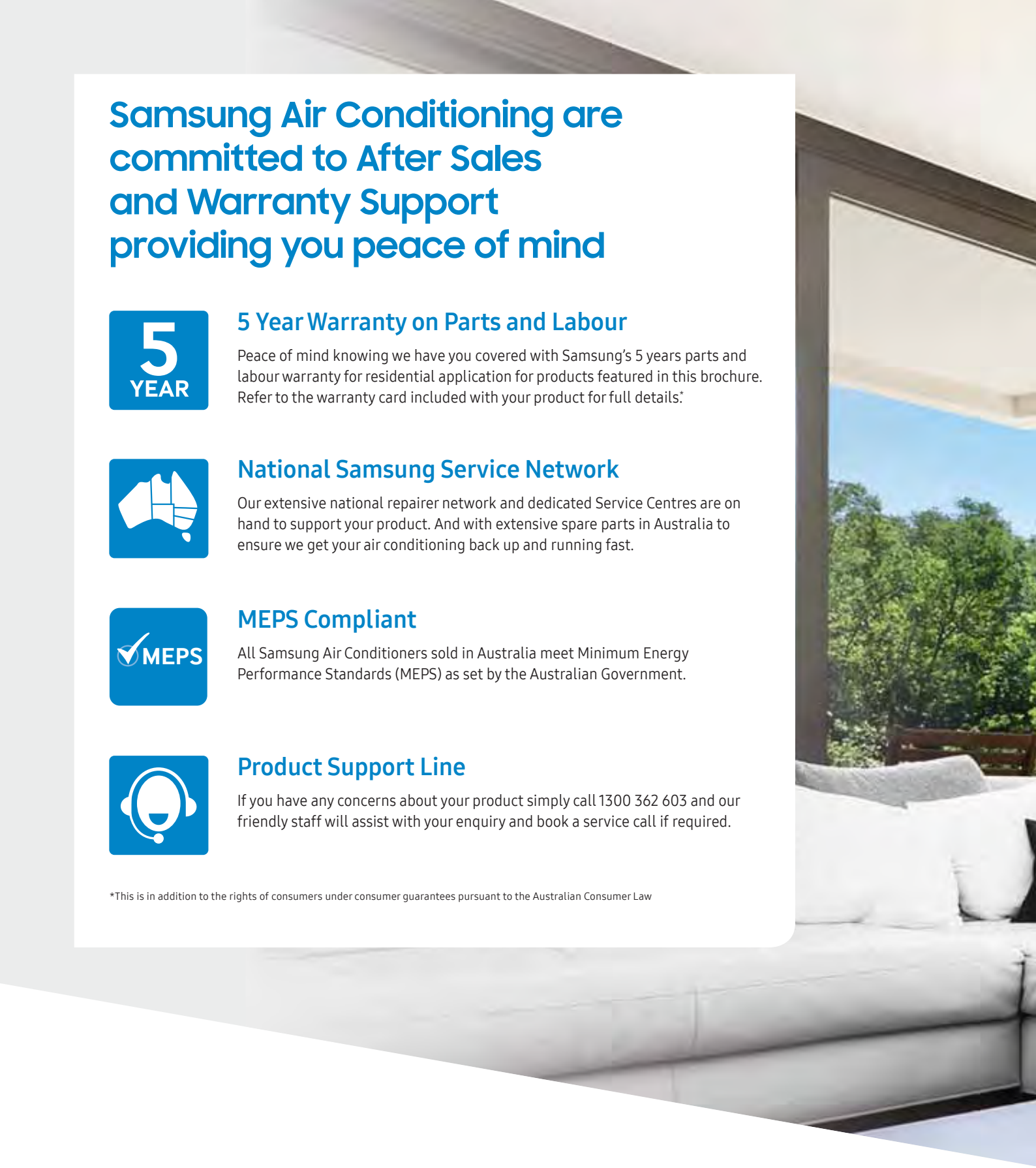
MEPS Compliant

All Samsung Air Conditioners sold in Australia meet Minimum Energy Performance Standards (MEPS) as set by the Australian Government.

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.

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



To learn more about
Samsung AIR CONDITIONERS
Visit samsung.com/au/air-conditioners/ducted-range/
or drop us an email at airsolutions.samsung@samsung.com

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