SAMSUNG

Ducted Air Conditioning

Duct S2+ and Duct S2 systems
Working to keep you comfortable all year round

More than a trusted air conditioning solution

As Samsung, we imagine all sorts of innovative ways to improve how your space functions and help it run smoothly – giving you the environment you deserve. We are proud to say Samsung products are designed to be intuitive and fit seamlessly into your life.

Samsung air conditioners have been designed with the same passion for innovation and quality that has helped make Samsung one of the world's top electronics producers and one of the Interbrand 2021 Best Global Brands.

Samsung air conditioning systems are held in high esteem, used in apartments, housing, shopping centres, airports, stadiums and hotels around the world. Samsung continues to invest heavily in research and development, performance testing and quality control to deliver quality air conditioning systems to market.
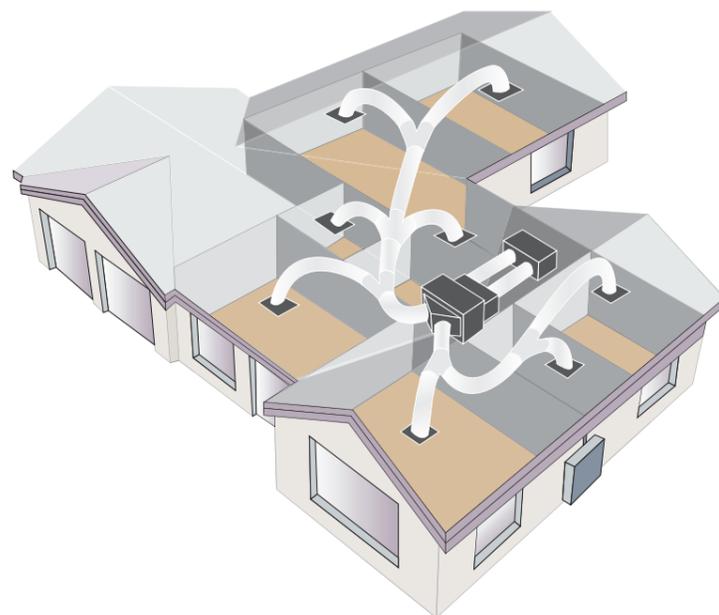
5TH BEST GLOBAL BRAND*

*Source: Interbrand best Global Brands 2021 rankings.

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. The ducted air conditioning system consists of three main components: an indoor unit, an outdoor unit and a controller.

Ducted systems are relatively unobtrusive as the conditioned air is distributed through ducts hidden in your roof space to outlets in the ceiling of each room.

Controller

A stylish and intuitive controller makes it easy to select your 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 outdoor unit also has a heat exchanger coil and fans that blows across the heat exchanger 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.

Thoughtful design

Samsung has added the new eco-friendly R32 refrigerant to its air conditioning range.** Refrigerants are an essential part of air conditioning, and it is important to choose a refrigerant that has a low environmental impact. R32 Refrigerant has a lower Global Warming Potential (GWP)* of 675 compared to R410A GWP of 2,088. R32 is also a zero Ozone Depletion Potential (ODP) refrigerant- which minimises the effects on the ozone layer.

*Compared to conventional refrigerant R410A.
**R32 refrigerant is used for 5.2kW to 16kW models. R410A refrigerant is used for 18kW and 20kW models.

R22
HCFC

EP
S
LCCP

Economic Performance

Ozone Layer Protection

R32
HFC

EP   OP
S   EE
LCCP

Safety   Energy Efficiency

LCCP

R410A
HFC

EP   OP
S   EE

*Product images may be different to actual product, product size varies depending on model.

Premium Duct S2+

Works smart to keep you comfortable all year round

Powerful airflow

Strong and robust construction brings a maximum of 25% more air-volume than our standard model* meaning you can stay comfortable in all parts of your home.

*Compared to 12kW model.

25%
(720 l/s -> 900 l/s)
*Based on 12kW model

Fits in small places, covers large spaces

Our Duct S2+ is designed to be small and discrete. Its minimalist modern style creates a sophisticated look, allowing it to fit seamlessly into any home.

Premium Duct S2+

Made to fit in more places – perfect for renovations

A splittable type indoor unit can separate the fan and heat exchanger section, making it easier to position into tight roof space – great for renovations. Combined with hanging brackets positioned to minimise obstruction and making installation easier.

Splittable for easy handling
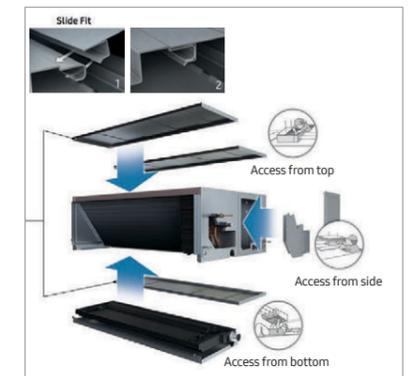
Splittable type

Peaceful environment

With the indoor unit's low operating noise, you can enjoy comfort air conditioning with minimal disturbance, while the outdoor unit modulates to meet demand with minimal noise. Even the most sensitive can rest happily with Duct S2+.

Energy superstar

The Duct S2+ is a highly efficient system, it is designed to deliver high airflow volume at the indoor unit, and uses low energy consumption at the outdoor unit. It is designed to provide you comfort to where its needed, and when you needed it most.

Premium Duct S2+ Made for Australia

Easy to install

A light, compact design with a quality finish means the S2+ can easily be maneuvered into tight installation spaces.

The narrow fan casing section fits in between roof trusses or in between tight gaps.

Ready to go – return air flange connection

Equipped with a return air flange connection, you can rest assured knowing that the correct return air size is used. This means there is one less item to worry about, saving time and cost.

Easy maintenance

Most ducted air conditioners are installed in a variety of locations, so they need to be accessed in different ways for maintenance. The Samsung Duct S2+ air conditioner is designed to be accessed from three directions – top, side and bottom – making it easier to maintain wherever it's installed.

Duct S2

5.2kW to 14kW models

Powerful airflow for fast cooling

Samsung Duct S2 provides powerful airflow, enabling fast cooling for any space. With two fans in the 5.2kW model and three fans in the 7.1kW-14kW models, our Duct S2 system has the power to cool you when you need it the most.
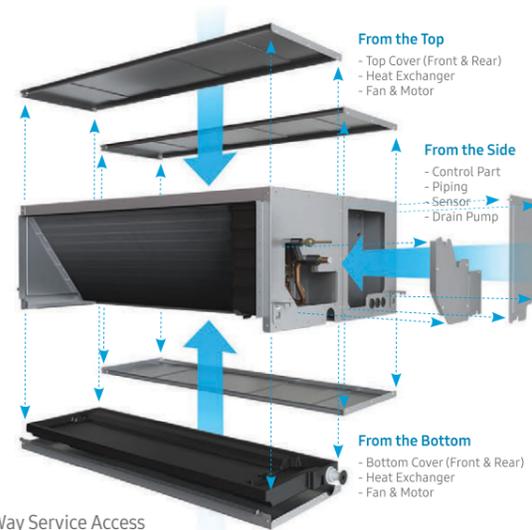
Lightweight and easy to install

Duct S2 is designed to help make installation easy, with its lightweight and compact indoor unit. Larger capacity models (16kW and above) can be easily separated for handling and maneuvering into tight installation spaces. Indoor units are also low in height, helping the Duct S2 to be installed in narrow roof spaces.

250–300mm

Image depicts a 5.2kW to 14kW model

3-way service access for easy maintenance

Duct S2 features removable panels on three sides, making maintenance easier than ever before.

From the Top
- Top Cover (Front & Rear)
- Heat Exchanger
- Fan & Motor

From the Side
- Control Part
- Piping
- Sensor
- Drain Pump

From the Bottom
- Bottom Cover (Front & Rear)
- Heat Exchanger
- Fan & Motor

3-Way Service Access

*Image simulated for illustrative purposes only.

16kW to 20kW models

Larger capacity models: 16, 18, and 20kW indoor unit can easily be separated for easy handling and maneuvering into tight installation spaces.

Separable for easy handling

Fan section

Coil section

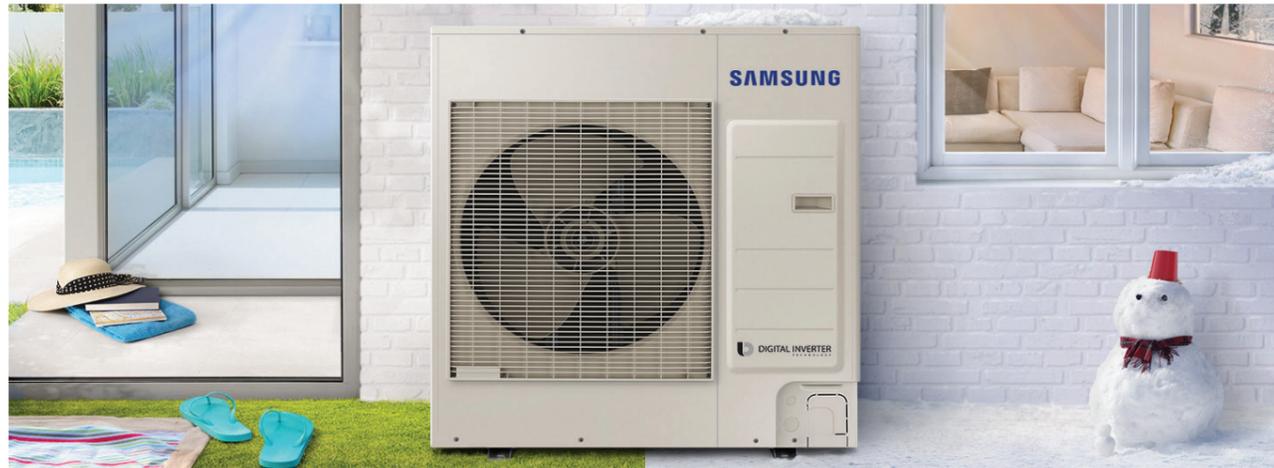### Cutout for roof truss for easy installation

Duct S2 and Premium Duct S2+

This high-performance unit delivers comfort when it's needed

Samsung Ducted Air Conditioners are designed to keep on working, even on those extreme 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*. Its smart inverter system delivers your set temperature quickly, and keeps performing fine tune adjustments to ensure a constant, comfortable environment.

-20°C to 50°C

*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

*Please note that the product image in the picture may be different from the actual one, product size varies depending on model.

DuraFin™ Plus

DuraFin™ Plus protects the unit from ocean air so you can stay comfortably cool for longer. The outdoor unit heat exchanger is made of corrosion-resistant material, tested using the Salt Spray Test (SST) for 480 hours.[4]

[4] Tested on AR12TXFCAWKNEU (International Samsung model). Illustration indicative only. Actual effect will vary.

Fin & Tube

Durafin™ plus

Illustration indicative only. Actual effect will vary.

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.

WiFi Controller

Enjoy remote connectivity with an App

Samsung SmartThings App* helps you to centrally control your Samsung TV, appliances and other compatible smart devices. You can easily check the list of connected compatible devices, name and status with the App.

* WiFi enabled control requires a wireless router. WiFi enabled control is compatible with selected Android™ and iOS Smartphones and requires Samsung SmartThings 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. Images and screen displays are for illustrative purposes.

MIM-H04AN

WiFi Controller Kit (Sold separately)

- Enhanced convenience, control and monitor your air conditioning remotely
- Voice Control available through a smartphone with Bixby
- Connected home with affordable units in every home using SmartThings
- Welcome home cooling and heating based on Geo-fencing
- Personalized Climate Environment
- Multi-device experience interoperable with smart appliances
- Weekly operation schedule setting
- Energy Usage Monitoring
- Individually control up to 16 indoor units
- Dimensions: 185W x 130H x 29D mm

Images are for illustration purposes.
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Premium Duct S2+

R32

1-phase, 220-240V, 50Hz
3-phase, 380-415V, 50Hz

Model Name System	Indoor unit		AC100TNHPKG/SA	AC120TNHPKG/SA	AC140TNHPKG/SA	AC160TNHPKG/SA	AC100TNHPKG/SA	AC120TNHPKG/SA	AC140TNHPKG/SA	AC160TNHPKG/SA
	Outdoor unit		AC100TXAPKG/SA	AC120TXAPKG/SA	AC140TXAPKG/SA	AC160TXAPKG/SA	AC100TXAPNG/SA	AC120TXAPNG/SA	AC140TXAPNG/SA	AC160TXAPNG/SA
Capacity	Cooling (Min/Std/Max)	kW	4.7 / 10.0 / 14.0	5.2 / 12.5 / 16.5	5.5 / 14.0 / 17.5	5.8 / 15.5 / 18.0	4.7 / 10.0 / 14.0	5.2 / 12.5 / 16.5	5.5 / 14.0 / 17.5	5.8 / 15.5 / 18.0
	Heating (Min/Std/Max)	kW	3.6 / 12.5 / 17.0	3.8 / 15.0 / 19.0	4.0 / 16.5 / 19.5	4.2 / 18.0 / 20.0	3.6 / 12.5 / 17.0	3.8 / 15.0 / 19.0	4.0 / 16.5 / 19.5	4.2 / 18.0 / 20.0
Efficiency	Energy grade (Cooling)	EER	3.80	3.60	3.40	3.30	3.80	3.60	3.40	3.30
	Energy grade (Heating)	COP	4.10	3.90	3.80	3.73	4.10	3.90	3.80	3.73
	Energy grade (Cooling)	AEER	3.79	3.60	3.39	3.30	3.79	3.60	3.39	3.30
	Energy grade (Heating)	ACOP	4.09	3.89	3.80	3.72	4.09	3.89	3.80	3.72
Electrical	MCA	A	26.7	35.1	35.9	36.3	18.8	19.2	20.0	20.3
	MFA	A	30.0	40.0	40.0	40.0	18.8	19.2	20.0	20.3
Indoor Unit	Power supply	Φ, #, V, Hz	1-phase, 220-240V, 50Hz							
	Airflow rate (H, M, L)	l/s	800 / 683 / 550	900 / 750 / 600	1,000 / 833 / 650	1,116 / 966 / 800	800 / 683 / 550	900 / 750 / 600	1,000 / 833 / 650	1,116 / 966 / 800
	ESP (L,M,H)	Pa	0 / 49 / 150	0 / 61 / 150	0 / 61 / 150	49 / 60 / 100	0 / 49 / 150	0 / 61 / 150	0 / 61 / 150	49 / 60 / 100
	Sound pressure @1.5m (H/L)	dB(A)	42 / 38 / 33	44 / 39 / 34	46 / 41 / 36	49 / 45 / 41	42 / 38 / 33	44 / 39 / 34	46 / 41 / 36	49 / 45 / 41
	Supply air opening (WxH)	mm	1154 x 243							
	Return air opening (WxH)	mm	2 x spigot, each spigot to suit Ø16" (Ø400mm) round flexible duct							
	Net weight	kg	66.5							
	Unit dimensions (WxHxD)	mm	1350 x 360 x 899							
	Drain connection size	mm	OD 32 / ID 25							
	Drain pump (sold separately)		MDP-G075SP (external type), MDP-G075SQ (internal type)							
Outdoor Unit	Power supply	Φ, #, V, Hz	1-phase, 220-240V, 50Hz				3-phase, 380-415V, 50Hz			
	Type		Rotary				Rotary			
	Sound pressure @1m (Cool/Heat)	dB(A)	51 / 53	53 / 55	54 / 56	55 / 57	51 / 53	53 / 55	54 / 56	55 / 57
	Sound power (Cooling - High)	dB(A)	68	69	70	71	68	69	70	71
	Net weight	kg	97.5	100.5	100.5	100.5	97.5	100.5	100.5	100.5
	Net dimensions (WxHxD)	mm	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330
Installation	Liquid pipe	mm, inch	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"
	Gas pipe	mm, inch	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"
	Max. allowable piping length	m	85	85	85	85	85	85	85	85
	Max. allowable piping height (outdoor above indoor)	m	30	30	30	30	30	30	30	30
	Pre-charged length	m	30	30	30	30	30	30	30	30
Operating Range	Cooling	°C	-15 to 50							
	Heating	°C	-20 to 24							

1. Specification may be subject to change without prior notice
2. Performances are based on the following test conditions:
   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
   Equivalent refrigerant pipe length 5m, 7.5m (20kW), Level differences 0m
3. Select wire size based on the value of MCA and in accordance of local electrical regulation standards.

4. Sound pressure level is obtained in an anechoic room.
   Sound pressure level is a relative value, depending on the distance and acoustic environment.
   Sound pressure level may differ depending on operation condition.
   dBA = A-weighted sound pressure level. Reference acoustic pressure 0 dB = 20uPa
5. Sound power level is an absolute value that a sound source generates.
   dBA = A-weighted sound power level. Reference power: 1pW. Measured according to ISO 3741.

Please note that product images may be different from the actual one, product size varies depending on model

DUCT S2

1-phase, 220-240V, 50Hz

R32

Model Name System			AC052TNHDKG/SA	AC071TNHDKG/SA	AC090TNHDKG/SA	AC100TNHDKG/SA	AC120TNHDKG/SA	AC140TNHDKG/SA	AC160TNHFKG/SA
	Indoor unit		AC052TNHDKG/SA	AC071TNHDKG/SA	AC090TNHDKG/SA	AC100TNHDKG/SA	AC120TNHDKG/SA	AC140TNHDKG/SA	AC160TNHFKG/SA
	Outdoor unit		AC052TXAPKG/SA	AC071TXAPKG/SA	AC090TXAPKG/SA	AC100TXAPKG/SA	AC120TXAPKG/SA	AC140TXAPKG/SA	AC160TXAPKG/SA
Capacity	Refrigerant		R32	R32	R32	R32	R32	R32	R32
	Cooling (Min/Std/Max)	kW	1.30 / 5.20 / 6.50	2.00 / 7.10 / 8.00	3.0 / 8.5 / 11.5	4.3 / 10.0 / 12.0	4.5 / 12.0 / 14.0	4.7 / 14.0 / 16.0	6.2 / 16.0 / 18.0
	Heating (Min/Std/Max)	kW	1.20 / 6.00 / 8.00	1.70 / 8.00 / 9.00	2.8 / 10.0 / 15.5	3.6 / 11.2 / 16.0	3.8 / 14.0 / 19.0	4.0 / 16.0 / 19.5	4.8 / 18.0 / 20.0
Efficiency	Energy grade (Cooling)	EER	3.70	3.21	3.30	3.70	3.40	3.16	3.60
	Energy grade (Heating)	COP	4.00	4.00	3.70	4.10	3.80	3.50	3.85
	Energy grade (Cooling)	AEER	3.68	3.21	3.28	3.69	3.44	3.15	3.6
	Energy grade (Heating)	ACOP	3.99	3.99	3.69	4.09	3.79	3.49	3.84
Electrical	MCA	A	18.8	18.8	26.3	26.7	34.9	35.5	35.1
	MFA	A	20.7	20.7	30	30	40	40	40
Indoor Unit	Power supply	Φ, #, V, Hz	1-phase, 220-240V, 50Hz						
	Airflow rate (H, M, L)	l/s	300 / 233 / 183	400 / 333 / 283	530 / 450 / 370	650 / 550 / 450	720 / 620 / 500	850 / 730 / 600	1120 / 970 / 820
	ESP (L,M,H)	Pa	0 / 39 / 147	0 / 39 / 147	29 / 49 / 147	29 / 49 / 196	29 / 61 / 196	29 / 60 / 196	49 / 61 / 196
	Sound pressure @ 1.5m (H/L)	dB(A)	35 / 27	36 / 28	42 / 37 / 32	42 / 37 / 32	43 / 38 / 33	45 / 40 / 35	43 / 39 / 35
	Supply air opening (WxH)	mm	818 x 220	1168 x 220	1168 x 220	1268 x 270	1268 x 270	1268 x 270	1284 x 360
	Return air opening (WxH)	mm	818 x 220	1168 x 220	1168 x 220	1268 x 270	1268 x 270	1268 x 270	1284 x 360
	Net weight	kg	26.5	34	33.5	43.5	43.5	43.5	75
	Unit dimensions (WxHxD)	mm	850 x 250 x 700	1200 x 250 x 700	1200 x 250 x 700	1300 x 300 x 700	1300 x 300 x 700	1300 x 300 x 700	1350 x 450 x 850
	Drain connection size	mm	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25
	Drain pump (sold separately)		MDP-G075SP (external type), MDP-G075SQ (internal type)						
Outdoor Unit	Power supply	Φ, #, V, Hz	1-phase, 220-240V, 50Hz						
	Type		Twin BLDC Rotary	Twin BLDC Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Sound pressure @ 1m (Cool/Heat)	dB(A)	49 / 49	50 / 52	51 / 53	51 / 53	53 / 55	54 / 56	55 / 57
	Sound power (Cooling - High)	dB(A)	63	66	68	68	69	70	71
	Net weight	kg	51	51	75	97.5	100.5	100.5	100.5
	Shipping weight	kg	55	55	80	106.5	109.5	109.5	109.5
	Net dimensions (WxHxD)	mm	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330
	Shipping dimensions (WxHxD)	mm	1,023 x 896 x 413	1,023 x 896 x 413	995 x 1096 x 426	995 x 1598 x 426	995 x 1598 x 426	995 x 1598 x 426	995 x 1598 x 426
Installation	Liquid pipe		6.35, 1/4"	6.35, 1/4"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"
	Gas pipe		15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"
	Max. allowable piping length	m	50	50	50	85	85	85	85
	Max. allowable piping height (outdoor above indoor)	m	30	30	30	30	30	30	30
	Pre-charged length	m	20	20	30	30	30	30	30
Operating Range	Cooling	°C	-15 to 50	-15 to 50	-15 to 50	-15~50	-15 to 50	-15 to 50	-15 to 50
	Heating	°C	-20 to 24	-20 to 24	-20 to 24	-20~24	-20 to 24	-20 to 24	-20 to 24

DUCT S2
3-phase, 380-415V, 50Hz

Model Name System			AC100TNHDKG/SA	AC120TNHDKG/SA	AC140TNHDKG/SA	AC160TNHFKG/SA	AC180JNHFKH/SA	AC200JNHFKH/SA
	Indoor unit		AC100TNHDKG/SA	AC120TNHDKG/SA	AC140TNHDKG/SA	AC160TNHFKG/SA	AC180JNHFKH/SA	AC200JNHFKH/SA
	Outdoor unit		AC100TXAPNG/SA	AC120TXAPNG/SA	AC140TXAPNG/SA	AC160TXAPNG/SA	AC180JXAFNH/SA	AC200JXAFNH/SA
Capacity	Refrigerant		R32	R32	R32	R32	R410A	R410A
	Cooling (Min/Std/Max)	kW	4.3 / 10.0 / 12.0	4.5 / 12.0 / 14.0	4.7 / 14.0 / 16.0	6.2 / 16.0 / 18.0	6.0 / 18.0 / 20.0	6.2 / 20.0 / 22.5
	Heating (Min/Std/Max)	kW	3.6 / 11.2 / 16.0	3.8 / 14.0 / 19.0	4.0 / 16.0 / 19.5	4.8 / 18.0 / 20.0	4.8 / 20.0 / 22.5	5.0 / 22.5 / 25.0
Efficiency	Energy grade (Cooling)	EER	3.70	3.40	3.16	3.60	3.40	3.30
	Energy grade (Heating)	COP	4.10	3.80	3.50	3.85	3.70	3.70
	Energy grade (Cooling)	AEER	3.69	3.44	3.15	3.6	NA	NA
	Energy grade (Heating)	ACOP	4.09	3.79	3.49	3.84	NA	NA
Electrical	MCA	A	18.8	19	19.6	19.2	18.6	25
	MFA	A	18.8	19	19.6	19.2	20.5	31.25
Indoor Unit	Power supply	Φ, #, V, Hz	3-phase, 380-415V, 50Hz					
	Airflow rate (H, M, L)	l/s	650 / 550 / 450	720 / 620 / 500	850 / 730 / 600	1120 / 970 / 820	1183 / 1000 / 833	1200 / 1016 / 850
	ESP (L,M,H)	Pa	29 / 49 / 196	29 / 61 / 196	29 / 60 / 196	49 / 61 / 196	49 / 60 / 196	49 / 72 / 196
	Sound pressure @ 1.5m (H/L)	dB(A)	42 / 37 / 32	43 / 38 / 33	45 / 40 / 35	43 / 39 / 35	43 / 39 / 35	44 / 40 / 36
	Supply air opening (WxH)	mm	1268 x 270	1268 x 270	1268 x 270	1284 x 360	1284 x 360	1284 x 360
	Return air opening (WxH)	mm	1268 x 270	1268 x 270	1268 x 270	1284 x 360	1284 x 360	1284 x 360
	Net weight	kg	43.5	43.5	43.5	75	82.5	82.5
	Unit dimensions (WxHxD)	mm	1300 x 300 x 700	1300 x 300 x 700	1300 x 300 x 700	1350 x 450 x 850	1,350 x 450 x 910	1,350 x 450 x 910
	Drain connection size	mm	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25	OD 32 / ID 25
	Drain pump (sold separately)		MDP-G075SP (external type), MDP-G075SQ (internal type)					
Outdoor Unit	Power supply	Φ, #, V, Hz	3-phase, 380-415V, 50Hz					
	Type		Rotary	Rotary	Rotary	Rotary	Rotary	BLDC Scroll
	Sound pressure @ 1m (Cool/Heat)	dB(A)	51 / 53	53 / 55	54 / 56	55 / 57	55 / 57	57 / 59
	Sound power (Cooling - High)	dB(A)	68	69	70	71	-	-
	Net weight	kg	97.5	99.5	99.5	99.5	107.5	190.0
	Shipping weight	kg	106.5	108.5	108.5	108.5	117.5	195.0
	Net dimensions (WxHxD)	mm	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330	940 x 1,420 x 330	880 x 1,695 x 765
	Shipping dimensions (WxHxD)	mm	995 x 1598 x 426	995 x 1598 x 426	995 x 1598 x 426	995 x 1598 x 426	995 x 1,598 x 426	948 x 1,887 x 832
Installation	Liquid pipe		9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"	9.52, 3/8"
	Gas pipe		15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	15.8, 5/8"	19.05, 3/4"	19.05, 3/4"
	Max. allowable piping length	m	85	85	85	85	75	150
	Max. allowable piping height (outdoor above indoor)	m	30	30	30	30	30	50
	Pre-charged length	m	30	30	30	30	30	30
Operating Range	Cooling	°C	-15~50	-15 to 50	-15 to 50	-15 to 50	-15 to 50	-15 to 50
	Heating	°C	-20~24	-20 to 24	-20 to 24	-20 to 24	-20 to 24	-20 to 24

1. Specification may be subject to change without prior notice
2. Performances are based on the following test conditions:
   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
   Equivalent refrigerant pipe length 5m, 7.5m (20kW), Level differences 0m
3. Select wire size based on the value of MCA and in accordance of local electrical regulation standards.

4. Sound pressure level is obtained in an anechoic room.
   Sound pressure level is a relative value, depending on the distance and acoustic environment.
   Sound pressure level may differ depending on operation condition.
   dBA = A-weighted sound pressure level. Reference acoustic pressure 0 dB = 20uPa
5. Sound power level is an absolute value that a sound source generates.
   dBA = A-weighted sound power level. Reference power: 1pW. Measured according to ISO 3741.

Please note that product images may be different from the actual one, product size varies depending on model
18kW and 20kW model uses R410A refrigerant

Controls to meet your needs

(All controllers shown are sold separately)

MWR-WG00JN

UX Wired Controller

- 4.3" colour LCD display
- Simple navigational control panel
- On/Off, operation mode, fan speed, temperature setting
- Dual set point available
- Energy usage monitoring
- Cassette louver individual blade control
- **Wind**Free™ and 360 cassette function control
- Filter cleaning alert indicator
- Group control up to 16 indoor units
- Real-time clock
- After hour operational time setting
- Programmable yearly scheduling and holiday scheduling
- Built-in wireless receiver, can receive signal from wireless controller
- Button restriction function
- Built-in room temperature sensor
- Dimensions: 120W x 120H x 19D mm

MWR-WE13N

Wired Controller

- Touch button with LCD Backlight
- On/Off, operation mode, fan speed, temperature setting
- Cassette louver individual blade control
- **Wind**Free™ and 360 cassette function control
- Filter cleaning alert indicator
- Group control up to 16 indoor units
- Real-time clock
- Energy saving control
- Weekly operation schedule setting
- Button restriction function
- Built-in room temperature sensor
- Dimensions: 120W x 124H x 19.5D mm

Images are for illustration purposes. Product images may be different to actual product, product size varies depending on model.
Control functions will vary depending on product and model, not all features shown are applicable, refer to specific product user manual for more information.

MWR-SH11N

LED Touch Screen Wired Controller

- Touch screen display with backlight
- Simple functionality control
- On/Off, operation mode, fan speed, temperature setting
- **Wind**Free™ function control
- Outing function; maintains room at preset conditions
- On/Off count down timer
- Button restriction function
- Group control up to 16 indoor units
- Filter cleaning alert indicator
- Built-in wireless receiver, can receive signal from wireless controller
- Built-in room temperature sensor
- Dimensions: 94W x 122H x 19.5D mm

AR-EH03E

Wireless Controller

- On/Off, operation mode, fan speed, temperature setting
- Simple On/Off timer
- Filter cleaning alert indicator
- **Wind**Free™ function control
- Indoor unit option code setting
- Dimension 48W x 138H x 24D mm

MRK-A10N

Receiver Kit

- Concealed wireless signal receiver
- Filter replacement sign
- Fan operation display
- Operation Timer setting display
- Operation On/Off button
- Operation On display LED (blue)
- Defrost operation display LED (red)
- Dimensions: 80W x 130H x 28D mm

MIM-B14

External Contact Interface Card

External Contact Control module to control an indoor unit (On/Off) via 0V dry contact.

- Direct indoor unit control by external contact signal
- Window-synchronised indoor unit control
- Emergency control with simple contact input
- Indoor unit operation/error state output through relay contacts
- Dimensions: 50W x 80H x 35D mm

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Control functions will vary depending on product and model, not all features shown are applicable, refer to specific product user manual for more information.

SAMSUNG

Samsung is committed to after-sales and warranty support, providing you peace of mind

5 YEAR

5 year warranty on parts and labour

We have you covered with Samsung's 5 years parts and labour warranty for residential application of 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. We have extensive spare parts in Australia to ensure we get your air conditioning back up and running fast.

✓MEPS

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

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