



Multi Split

Free Joint Multi (FJM)

Goodbye Cold Drafts, Hello Samsung Wind-Free™

Thanks up to 21,000 micro-holes on the system's front surface, Wind-Free™ technology works so well you will not even notice it is there. Once the set temperature is reached, the system spreads fresh air uniformly without the unpleasant blast of cold wind.

Now available with R32 Refrigerant

Only compatible with the 4kW and 5kW outdoor units



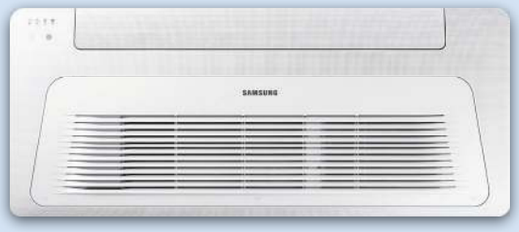
Wind-Free™ Wall-Mounted

Page 72, 74 & 76



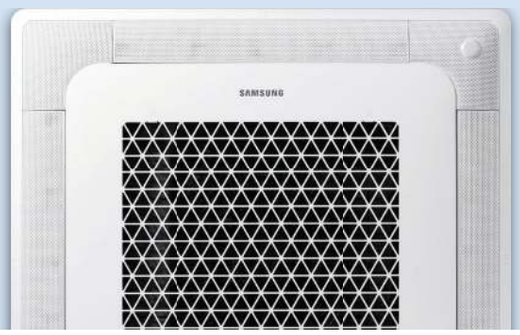
Wind-Free™ 1-Way Cassette

Page 90



Wind-Free™ Mini 4-Way Cassette

Page 98



Reducing F-gas Emissions

Based on the ground-breaking EU legislation aimed at reducing F-gas emissions and to move towards lower Global Warming Potential refrigerants, Samsung added a new type of refrigerant to its residential air conditioners. With a low Global Warming Potential of 675, R32 is a sustainable solution for the air conditioning industry.

Line-up

Model	Image	1.6kW	2.0kW	2.6kW	3.5kW	5.2kW	6.8kW
Wind-Free™ Ultra			•	•	•		
Wind-Free™ Optimum/Essential (With and Without SPi Ionizer)			•	•	•	•	•
Wind-Free™ Standard			•	•	•	•	•
AR5580			•	•	•	•	•
AR5500			•	•	•		
Boracay			•	•	•	•	•
Maldives			•	•	•	•	•
Wind-Free™ 1-Way Cassette				•	•		
1-Way Cassette				•	•		
Wind-Free™ Mini 4-Way Cassette (600x600)		•	•	•	•	•	
Mini 4-Way Cassette (600x600)		•	•	•	•	•	
Console				•	•	•	
LSP Slim Duct				•	•		
MSP Duct						•	

Model	Image	Ref. Type	4.0kW	5.0kW	5.2kW	6.8kW	7.0kW	8.0kW	10.0kW
2 Indoor Units		R32	●	●					
		R410A	●	●					
3 Indoor Units		R410A			●				
3 Indoor Units		R410A				●			
4 Indoor Units		R410A					●		
4 Indoor Units		R410A						●	
5 Indoor Units		R410A							●

New era of refrigerant - R32



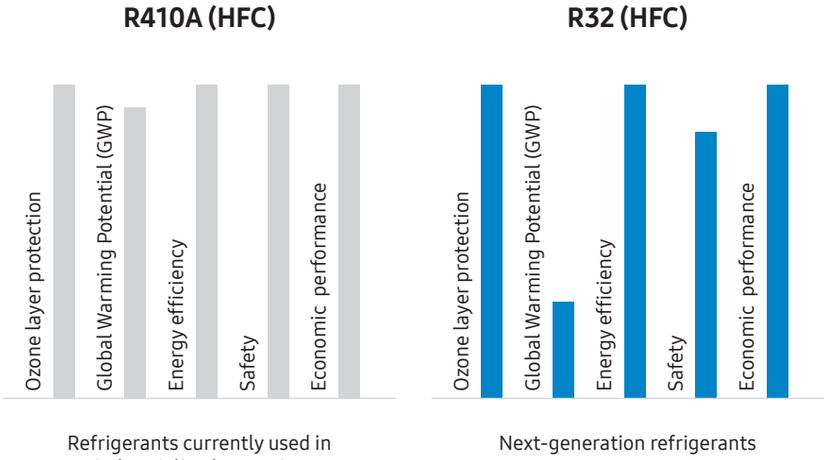
Refrigerants are an essential part of air conditioning. So it is very important to choose refrigerants that have a low environmental impact. Samsung has added the refrigerant R32 to residential air conditioners to protect the ozone layer and reduce global warming.

Hello R32 Refrigerant!

Samsung is presenting a new era of air conditioners with R32 refrigerant, which is more environmental friendly then it's predecessor R410A. R32 has a lower Global Warming Potential (GWP) of 675 compared to R410A with 2.088 and it also has an Ozone Depletion Potential (ODP) of zero, so it helps conserve the ozone layer and can also be easily reused. R32 has a high refrigeration capacity and thermal conductivity. This results in higher capacity and energy efficiency, and reduces the charging volume by 30%. Samsung's air conditioner with eco friendly R32 refrigerant offers a new way of living to protect our Earth.

Lower environment impact of R32

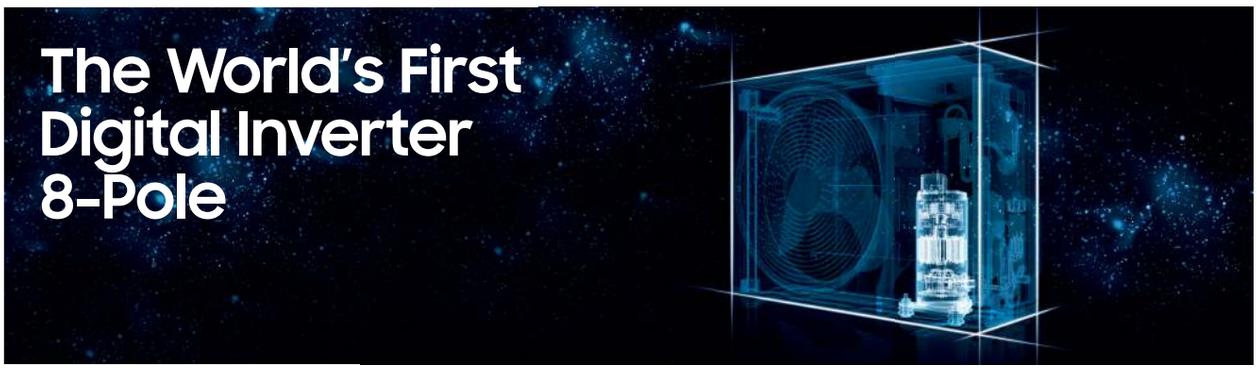
1. Lower Global Warming Potential (GWP) of 675 – just 32% of R410A refrigerant
2. Easy to recycle
3. Zero Ozone Depletion Potential (ODP)
4. Non-toxic

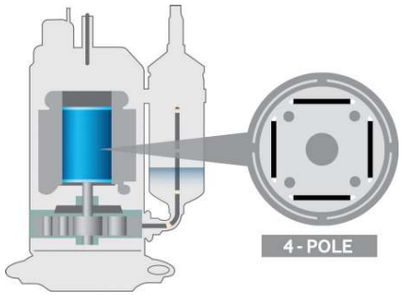


Refrigerants currently used in industrialised countries

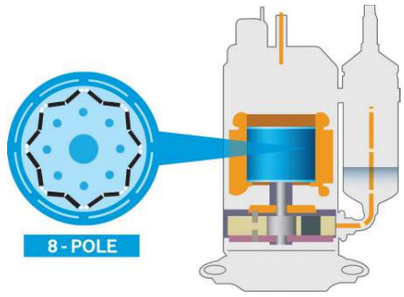
Next-generation refrigerants

The World's First Digital Inverter 8-Pole





Conventional digital inverter

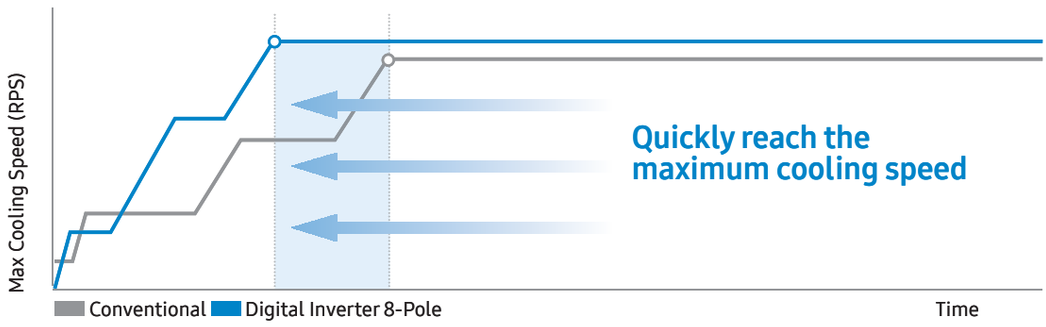


Digital Inverter 8-Pole

The newly introduced 8-pole inverter is the core technology of Samsung's advanced Digital Inverter Technology. It utilises the world's first 8-pole motor instead of a 4-pole motor in the compressor of an outdoor unit, so there is less torque fluctuation. This ensures a more effective and efficient operation with less vibration and also reduces energy consumption.

* Based on internal testing of compressor motors of Samsung air conditioner and leading air conditioners in the global market as at October 2015.

POWERboost Technology™ with Digital Inverter 8-Pole



POWERboost Technology™ with Digital Inverter 8-Pole dramatically shortens the time that it takes for a compressor to reach the maximum Hz when it starts operating*. So you can enjoy coolness even faster!

* Tested on model AR12KSWDHWK compared with Samsung conventional model AR12FSSSBWK.

Comfortably cool.
Surprisingly calm.



GOODBYE COLD DRAFTS,
HELLO SAMSUNG WIND-FREE™.

ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s and lacking the presence of cold drafts.

Wind-Free™

What is the Wind-Free™ Cooling technology?

Wind-Free™ Cooling* effectively maintains a comfortable level of coolness without the unpleasant feeling of cold draft. Cool air is gently dispersed through 21,000 micro air holes, so you do not feel too hot or cold.

* ASHRAE(American Society of Heating, Refrigeration, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.



Firstly, the Wind-Free™ air conditioner cools the room with its Normal Cooling mode. When it reaches the desired temperature, you can change the mode to Wind-Free™ Cooling.



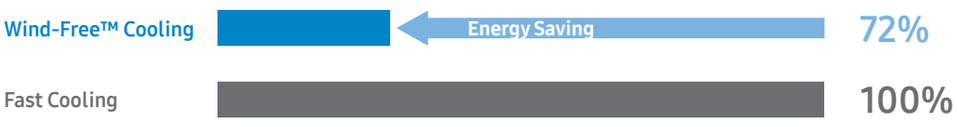
With Wind-Free™ Cooling, cool air is gently dispersed across the room through 21,000 micro air holes. It creates a 'still air' environment with a very low air speed of just 0.15m/s and no temperature fluctuation – so there are no annoying drafts and you do not feel too cold, just really comfortable.

Keep comfortable without changing settings

The Samsung Wind-Free™ air conditioner's 2-Step Cooling mode cools the air fast in Fast Cooling mode, then automatically changes to Wind-Free™ Cooling mode to maintain the temperature. So you stay comfortable, without cold spots, and do not need to change settings.

Energy saving

The Wind-Free™ Cooling mode consumes 72% less energy* than Fast Cooling mode. With Wind-Free™ Cooling, the compressor operates at its minimum Hz to maintain the desired temperature, and the fan motor of the indoor also rotates at the minimum RPM. So, you can stay comfortably cool without worrying about electricity bills.



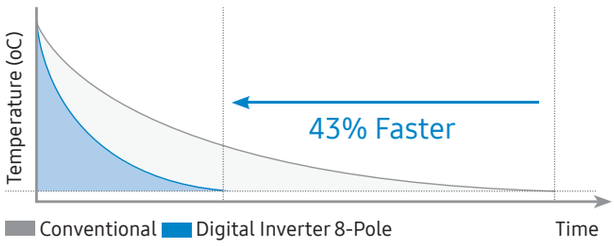
* Tested on AR07M5170HA, based on the accumulated power consumption of Fast Cooling mode vs. Wind-Free™ Cooling mode. When compared to Normal Cooling mode, Wind-Free™ Cooling mode consumes 55% less energy.

Cooling & Heating

Cools you down even faster

Fast cooling is the ultimate benefit of the Samsung air conditioners, and this is clearly the most important strength across the range of models. The cooling speed is significantly enhanced through the use of the world's first Digital Inverter 8-Pole technology.

* Tested on AR12KSWDHWK, compared with Samsung Conventional model AR12EASER.



Triangle Design for powerful cooling performance

The Samsung air conditioner has been designed from the ground up to be outstandingly efficient. Its unique design has a wider inlet, so more air can be drawn in. The improved width and angle of its outlet, extra v-blades and a bigger fan also ensure that air is cooled and expelled faster, farther and wider*. So refreshingly cool air reaches every corner of your room.

*Tested on AR09KSWDHWK compared with Samsung conventional model AQV09TWS.



Cools farther and wider

The outlet angle is different compared to conventional models, enabling a long airflow of 14 meters.* The improved width and angle of its outlet also ensure that air is expelled wider, minimising blind spots.

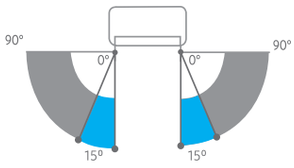
*Tested on AR09KSWDHWK compared with Samsung conventional model AQV09TWS.



Conventional 58˚Angle

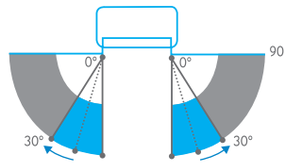


Samsung Triangle 81˚Angle





Conventional





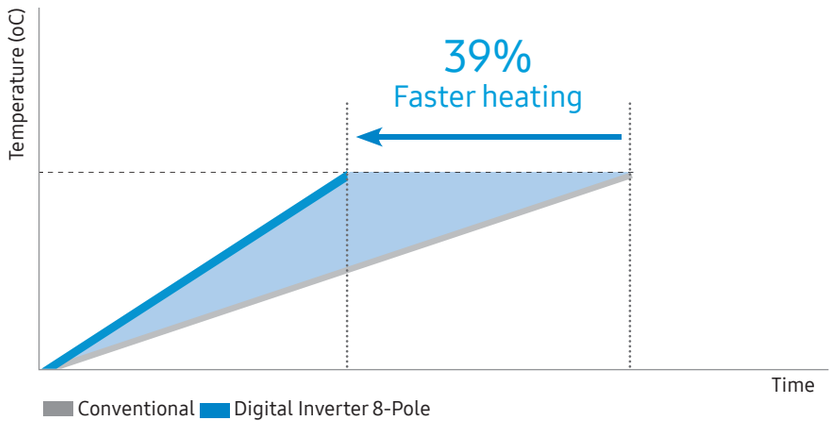
Samsung Triangle

Excellent heating performance even at -25°C

The outdoor unit is equipped with a base heater that prevents it from becoming frozen, and also has a drain hole to improve drainage of any melted water. So, even at -25°C, it continues working well in heating mode without freezing.

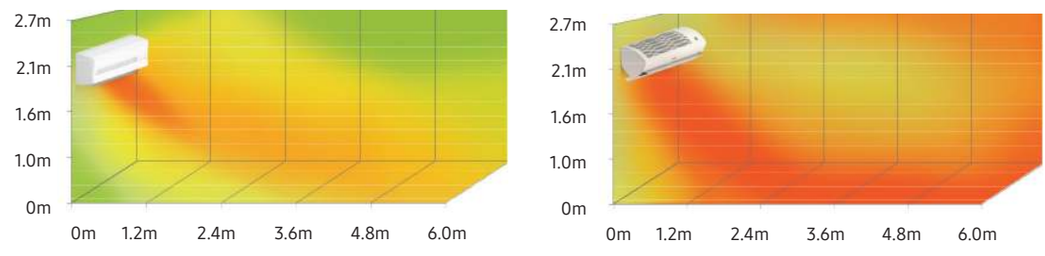
Heats faster

Fast heating mode quickly distributes warm air to every corner of your room, Thanks to the unique triangular design, it heats areas quickly, reaching desired temperatures faster than conventional models.



* Tested on AR09KSWDHWK compared with Samsung conventional model AQV09TWS.

Heat efficiency comparison



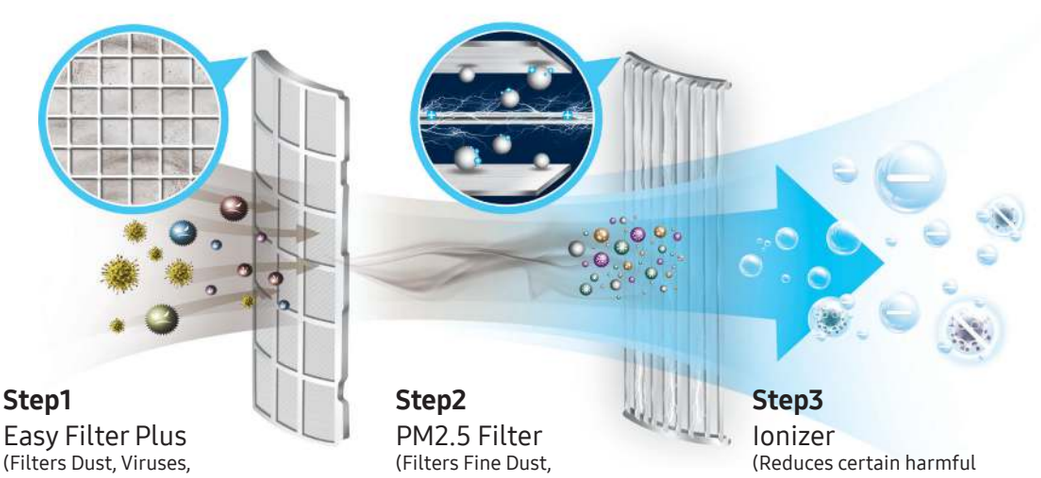
Conventional

Samsung Triangle

* Tested on AR09HSSDHWK/CV compared with Samsung conventional model AQ09UWBNSAM.

Air Purification





Step1
Easy Filter Plus
(Filters Dust, Viruses, Allergens, Bacteria)

Step2
PM2.5 Filter
(Filters Fine Dust, Cigarette Smoke, Bacteria)

Step3
Ionizer
(Reduces certain harmful Viruses, Bacteria, Mold and Airborne Allergens)

Ultra Wide PM2.5 Filter

Samsung air conditioners feature a wide filter that covers 100% of the air inlet hole. Unlike conventional models that only have partial filters, Samsung Air Conditioner's PM2.5 Filter completely filters all of the air coming in, so it captures fine dust more effectively and emits clean air.



Conventional



Samsung Triangle

* Tested on AR10KVSSLWK models compared with AS-1267.

Easy Filter Plus – Filters airborne contaminants and allergens

Samsung air conditioner has a superior filter mesh that keeps your air fresh and the unit clean. It covers 100% of the air inlet hole and is coated with a unique anti-bacterial and anti-virus material.

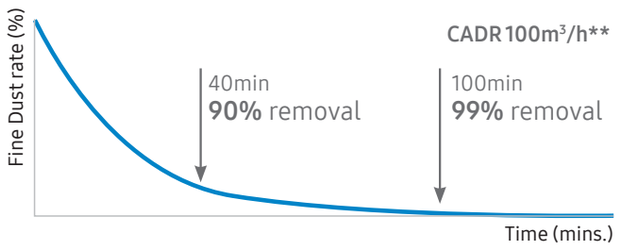
* Tested on TG07 ZEOMIC compared with TG07. Tested by FITI for Staphylococcus aureus, Klebsiella pneumoniae and Aspergillus niger. Tested by Japan Food Research Laboratories for H5N1. Tested by Institute of Tokyo Environmental Allergy for Cry J1, Derf1.
** Filter name may vary based on the model & region. (Easy filter, Easy filter Plus, 3 Care filter)

PM2.5 Filter – Captures up to 99% of fine dust

PM2.5 Filter which covers the whole air suction area, has an electrostatic charger to give fine dust a positive charge, so it is strongly attracted to the negative alloy plate.

A PM2.5 Filter keeps your air clean by capturing 90% of fine dust in 40 minutes and 99% in 100 minutes. It covers 100% of the air inlet hole and is also washable, so it's easy and cost-effective to maintain.

** Tested by China household appliances detection. Based on AR13KVSSLWKST.
* Size of chamber: 30m3

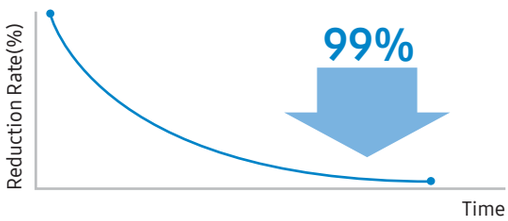


Samsung Super Plasma ion (SPi) – Reduces up to 99% of viruses

SPi reduces up to 99% of certain harmful viruses, bacteria, mold and airborne allergens*.

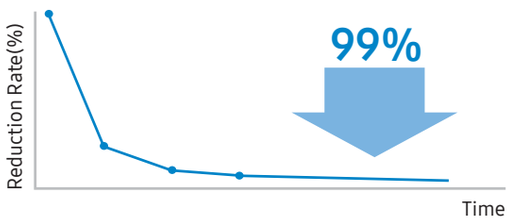
* Based on ionizer device, Tested in Kitasato Environmental Science Center (Japan) & Chungnam National University (Korea)
Data has been measured under specific testing conditions and may vary based on environmental factors. (Size of chamber: 500cc~1m3, Device only, Measurement time 60~300min)

Influenza subtype A H1N1 Reduction Test



* Research carried out by: Professor Seo Seng-hui of Chungnam National University (Developed the world's first H1N1 vaccine for the human body)
* Test Sample: Device only
* Size of chamber: 500cc
* Subtype A H1N1, A/California/04/09

MRSA (Antibiotic-resistant bacterium)
Ionizer reduces 99% of MRSA, which is resistant to antibiotics



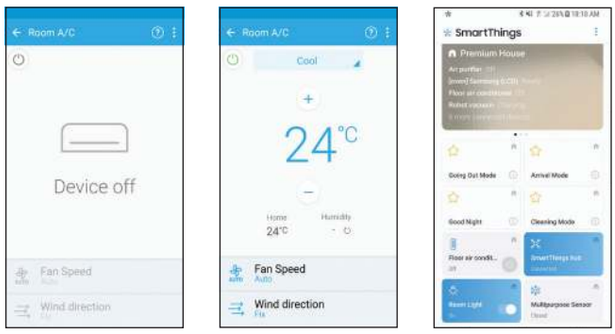
* Testing Institute: Kitsato Environmental Science Center
* Measurement time: 2 hours
* Test sample: Device only
* Size of chamber: 1m²
* MRSA(Staphylococcus aureus ATCC 33591)

Smart Functions

Samsung Connect becomes SamsungSmartThings

Samsung air conditioners offer Wi-Fi control using the Samsung SmartThings App on your smartphone, which lets you remotely turn it on and off, control the functions and schedule its operation at anytime and anywhere.*

*Available on iPhones and Android devices. A network connection is required. Samsung application account is necessary.



Enjoy smart home with an app

The Samsung SmartThings App also lets you centrally control all your Samsung smart devices. You can easily check the list of connected device, name and status with the app.

* Available on iPhones and Android devices. A network connection is required. Samsung application account is necessary.
** Some features may not be available depending on model. UI design and Application name can be updated.

SmartThings

Energy consumption monitoring

You can check the amount of electricity consumed daily, weekly or monthly with Home Care Wizard. You can also limit the power consumption to ensure maximum energy efficiency.

* Available on iPhones and Android devices. A network connection is required. Samsung application account is necessary.
** Based on rated wattage when operating. The usage shown on a Samsung SmartThings APP may slightly differ from the amount of electricity actually consumed.



Specifications

Wind-Free™ Ultra

- Wind-Free™ Cooling
- PM2.5 Filter
- Ionizer (SPi)
- Wi-Fi Control - Samsung SmartThings



Model Name				AR07NXCXAWKNEU	AR09NXCXAWKNEU	AR12NXCXAWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance	Capacity	Cooling	kW	2	2,5	3,5
		Heating		2,2	3,2	4
Power	Power Input	Cooling	W	30	30	30
		Heating		30	30	30
	Current Input	Cooling	A	0,3	0,3	0,3
		Heating		0,3	0,3	0,3
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1
	Airflow Rate		m^3/min	9,3	9,9	10,6
			l/s	155	165	176,7
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communication	Min.	mm2	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22
	Sound Power	Cooling		56	56	58
Dimensions	Net Weight		kg	11,3	11,3	11,3
	Net Dimensions (WxHxD)		mm	828 x 295 x 265	828 x 295 x 265	828 x 295 x 265

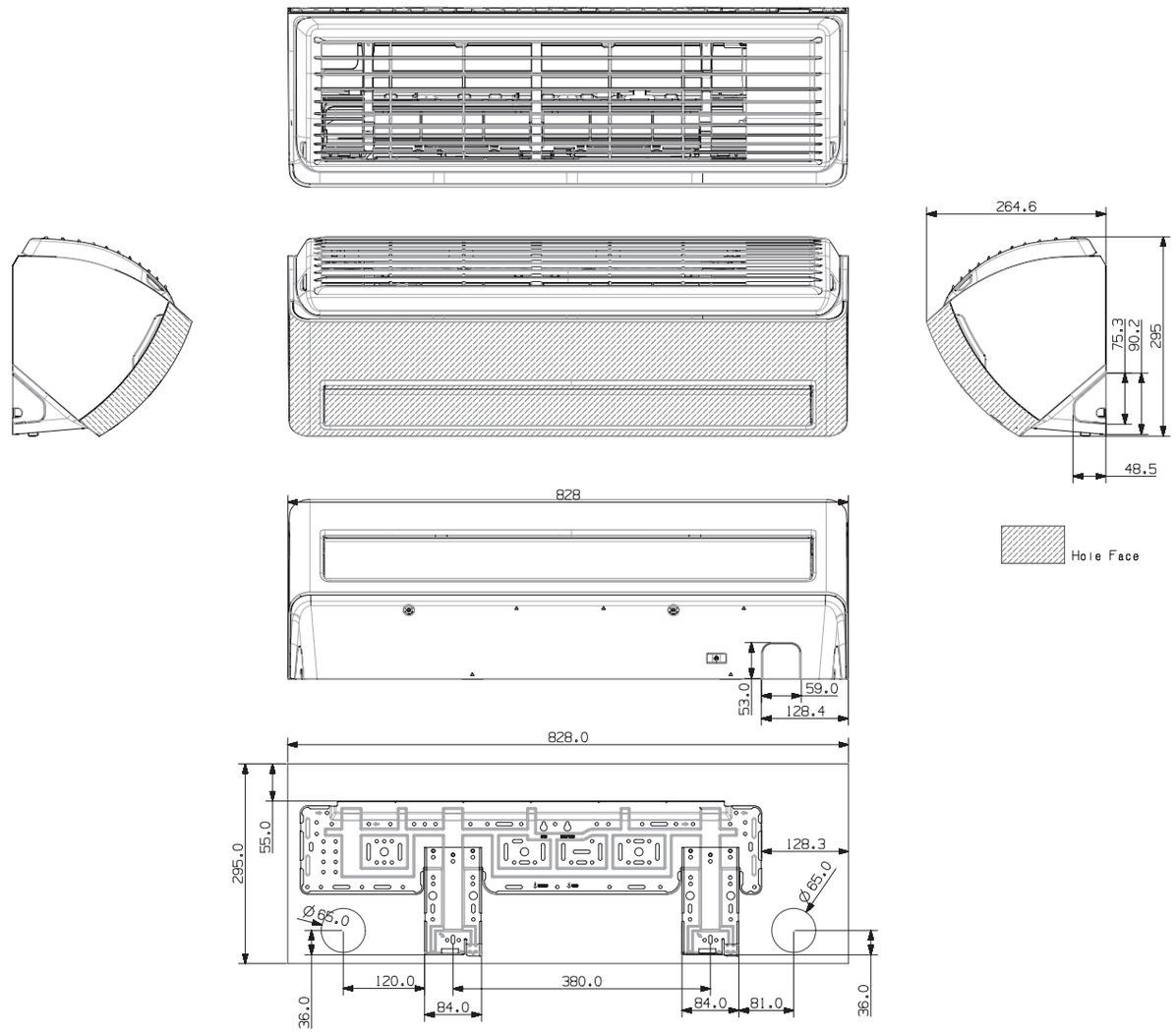
Accessory
Included

Wireless Remote Controller

Dimensional Drawings

Wind-Free™ Ultra

AR**NXCXAWKNEU



Specifications

Wind-Free™ Optimum

- Wind-Free™ Cooling
- Ionizer (SPi)
- Easy Filter Plus
- Wi-Fi Control - Samsung SmartThings



Model Name				AR07NXPXBWKNEU	AR09NXPXBWKNEU	AR12NXPXBWKNEU	AR18NSPXBWKNEU	AR24NSPXBWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling	kW	2	2,5	3,5	5	6,5
		Heating		2,2	3,2	3,5	6	7,4
Power	Power Input	Cooling	W	30	30	30	50	50
		Heating		30	30	30	50	50
	Current Input	Cooling	A	0,3	0,3	0,3	0,5	0,5
		Heating		0,3	0,3	0,3	0,5	0,5
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1	1
	Airflow Rate		m^3/min	9,3	9,3	10	15,5	17,5
			l/s	155	155	166,7	260	290
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communica-tion	Min.	mm2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22	39 / 35 / 25	43 / 37 / 25
	Sound Power	Cooling		56	56	58	58	62
Dimensions	Net Weight		kg	10	10	10	13,2	13,4
	Net Dimensions (WxHxD)		mm	828 x 267 x 265	828 x 267 x 265	828 x 267 x 265	1,065 x 301 x 311	1,065 x 301 x 311

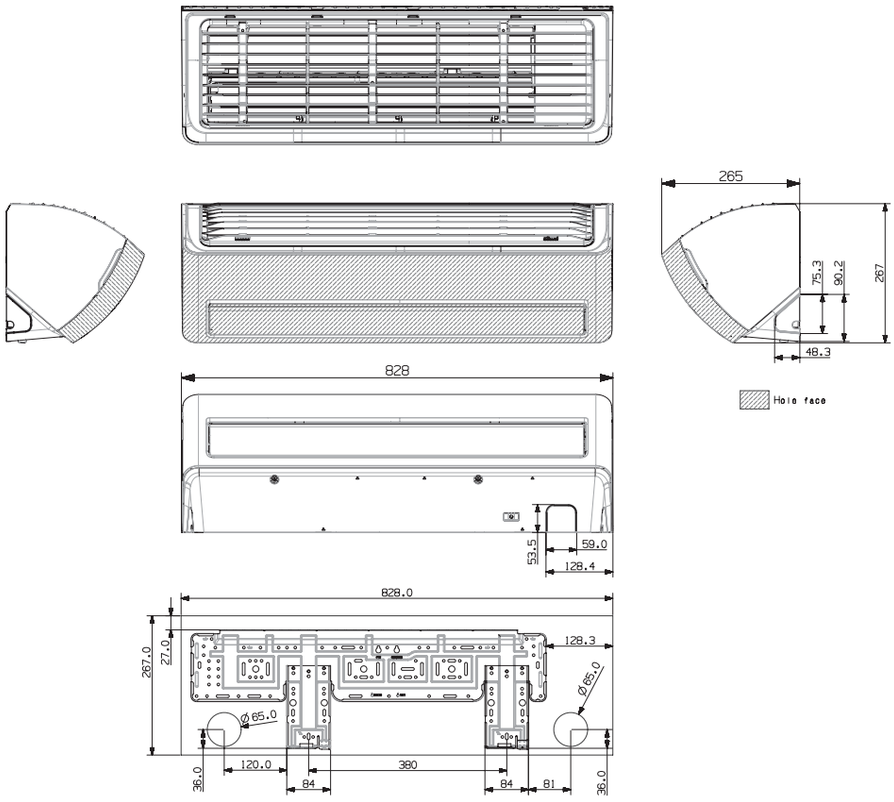
Accessory
Included

Wireless Remote Controller

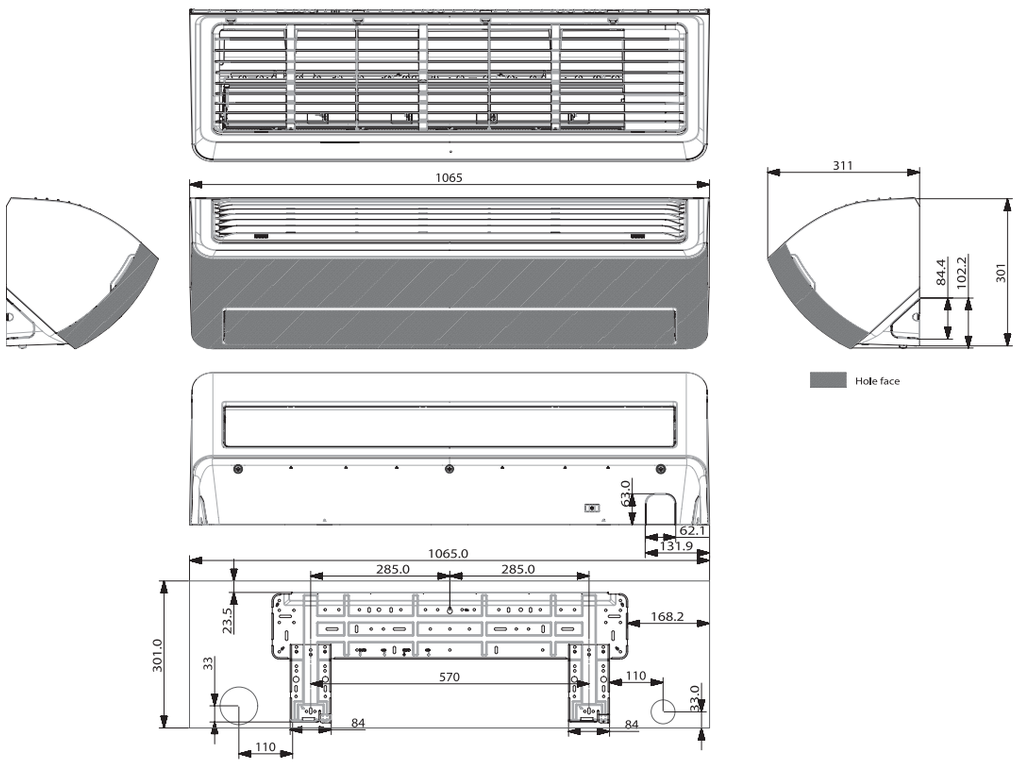
Dimensional Drawings

Wind-Free™ Optimum

AR**NXPXBWKNEU



AR**NSPXBWKNEU



Specifications
Wind-Free™ Essential

- Wind-Free™ Cooling
- Easy Filter Plus
- Wi-Fi Control - Samsung SmartThings



Model Name				AR07NXWXBWKNEU	AR09NXWXBWKNEU	AR12NXWXBWKNEU	AR18NSWXBWKNEU	AR24NSWXBWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling	kW	2	2,5	3,5	5	6,5
		Heating	kW	2,2	3,2	3,5	6	7,4
Power	Power Input	Cooling	W	30	30	30	50	50
		Heating		30	30	30	50	50
	Current Input	Cooling	A	0,3	0,3	0,3	0,5	0,5
		Heating		0,3	0,3	0,3	0,5	0,5
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1	1
	Airflow Rate		m^3/min	9,3	9,3	10	15,5	17,5
			l/s	155	155	166,7	260	290
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communica-tion	Min.	mm2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22	39 / 35 / 25	43 / 37 / 25
	Sound Power	Cooling		56	56	58	58	62
Dimensions	Net Weight		kg	9,4	9,4	9,4	13,2	13,4
	Net Dimensions (WxHxD)		mm	828 x 267 x 265	828 x 267 x 265	828 x 267 x 265	1,065 x 301 x 311	1,065 x 301 x 311

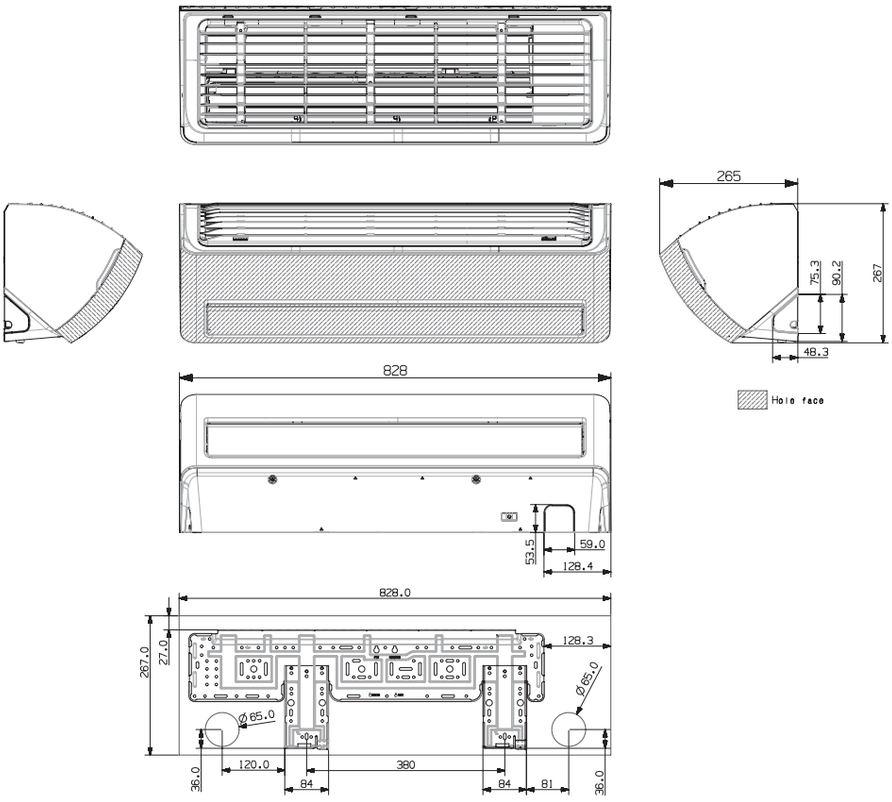
Accessory
Included

Wireless Remote Controller

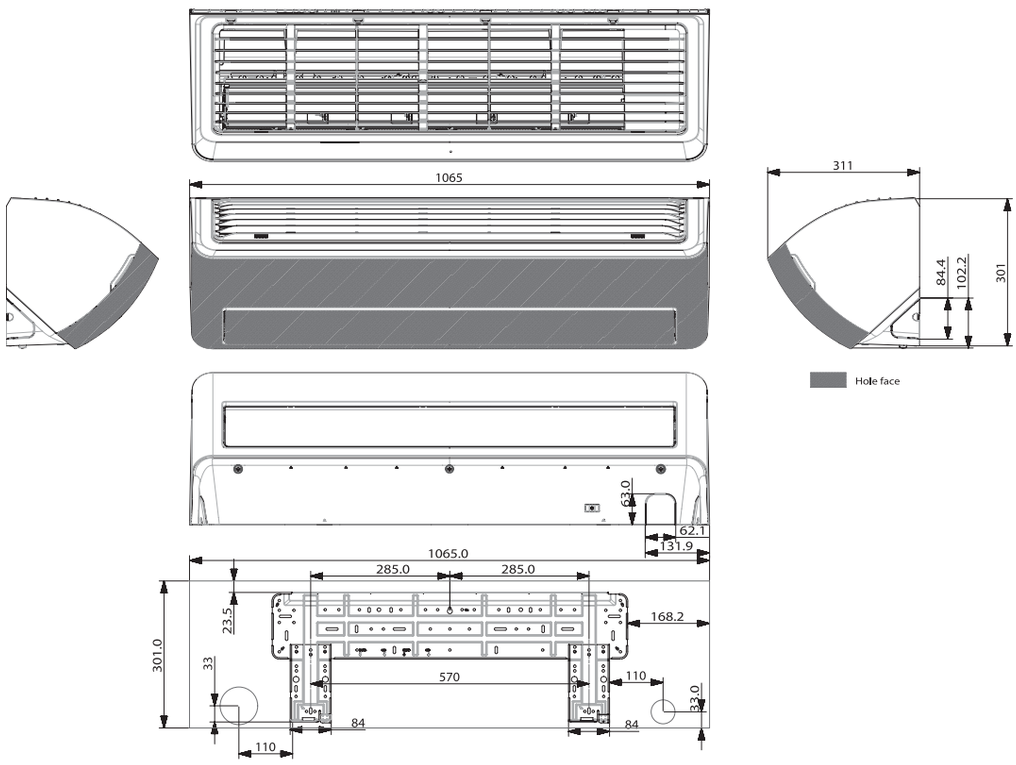
Dimensional Drawings

Wind-Free™ Essential

AR**NXWXBWKNEU



AR**NSWXBWKNEU



Specifications

Wind-Free™ Standard

- Wind-Free™ Cooling
- Easy Filter Plus
- Wi-Fi Control - Samsung SmartThings



Model Name				AR07NXWXCWKNEU	AR09NXWXCWKNEU	AR12NXWXCWKNEU	AR18NSWXCWKNEU	AR24NSWXCWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling	kW	2	2,75	3,5	5	6,5
		Heating		2,2	3,2	3,5	6	7,4
Power	Power Input	Cooling	W	30	30	30	50	50
		Heating		30	30	30	50	50
	Current Input	Cooling	A	0,3	0,3	0,3	0,5	0,5
		Heating		0,3	0,3	0,3	0,5	0,5
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1	1
	Airflow Rate		m^3/min	9,3	9,3	10,8	15,5	17,5
			l/s	155	155	180	260	290
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communica-tion	Min.	mm2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 30 / 22	37 / 30 / 22	38 / 31 / 22	39/35/25	43/37/25
	Sound Power	Cooling		56	56	58	58	62
Dimensions	Net Weight		kg	9,4	9,4	9,4	13,2	13,4
	Net Dimensions (WxHxD)		mm	828 x 267 x 265	828 x 267 x 265	828 x 267 x 265	1,065 x 301 x 311	1,065 x 301 x 311

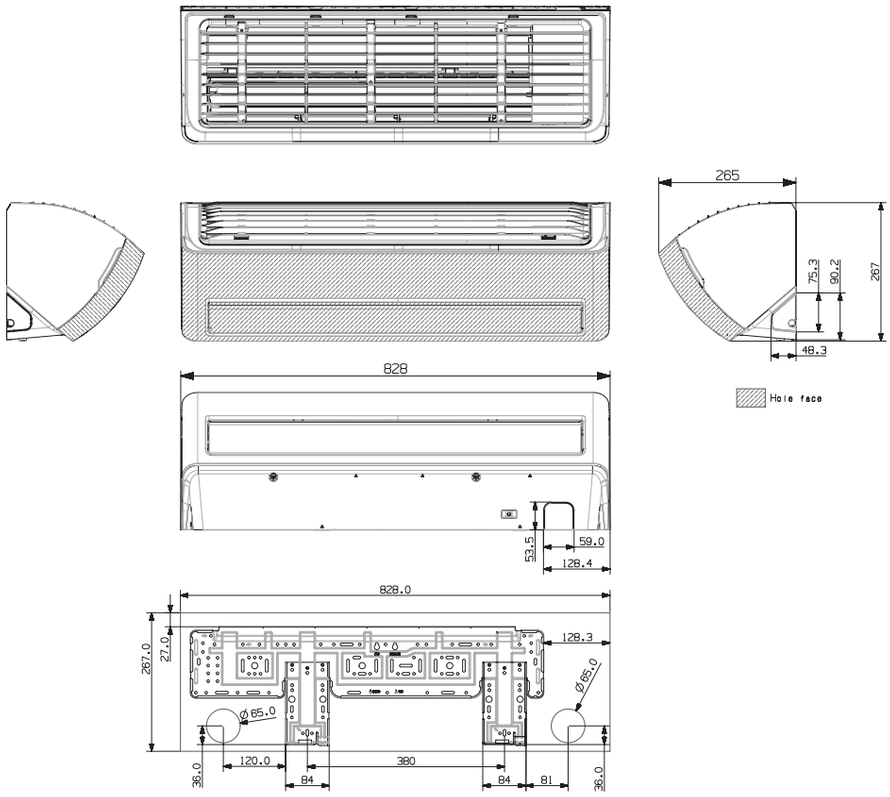
Accessory
Included

Wireless Remote Controller

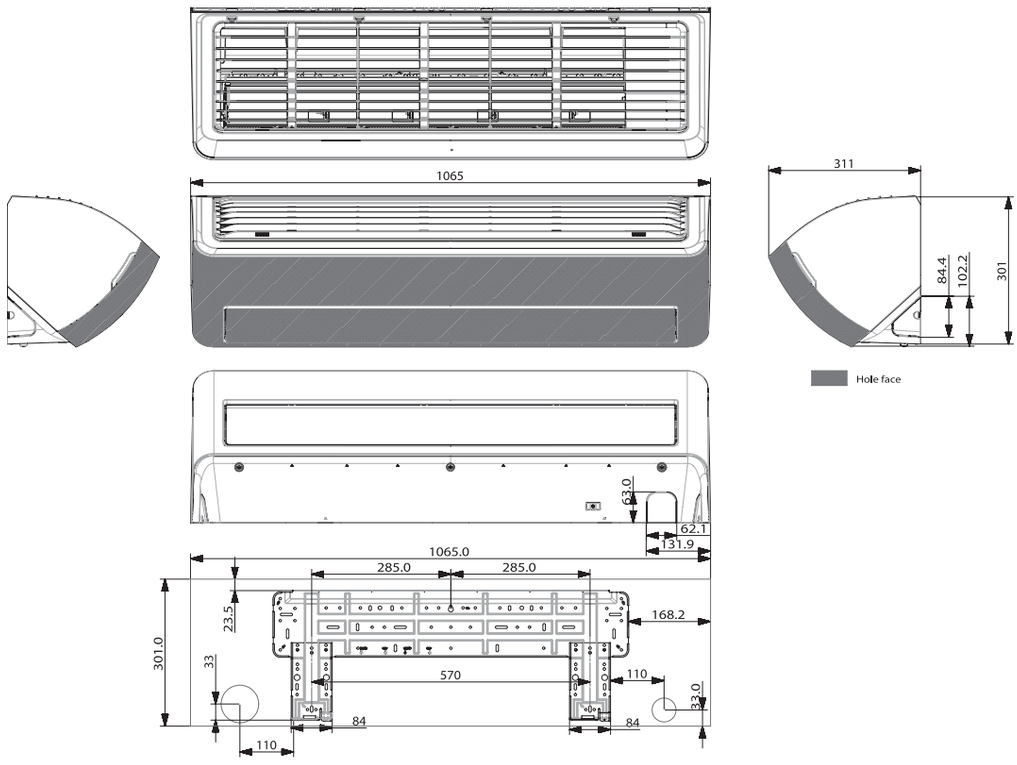
Dimensional Drawings

Wind-Free™ Standard

AR**NXWXCWKNEU



AR**NSWXCWKNEU



Specifications

AR5580

- Easy Filter Plus
- Wi-Fi Control - Samsung SmartThings
- Triangle Design



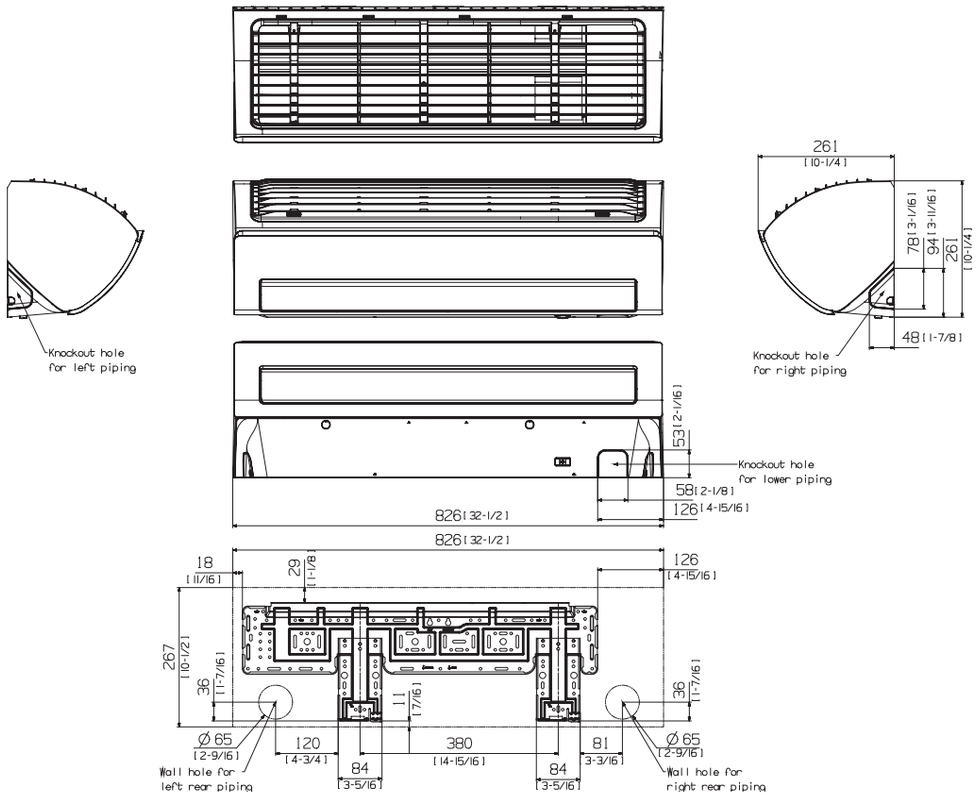
Model Name				AR07MSWSAURNEU	AR09MSWSBWKNEU	AR12MSWSBWKNEU	AR18MSWSAWKNEU	AR24MSWSAWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance	Capacity	Cooling	kW	2	2,5	3,5	5	6,8
		Heating		2,2	3,2	3,8	6	7,8
Power	Power Input	Cooling	W	30	30	30	50	50
		Heating		30	30	30	50	50
	Current Input	Cooling	A	0,3	0,3	0,3	0,4	0,4
		Heating		0,3	0,3	0,3	0,4	0,4
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1	1
	Airflow Rate		m^3/min	10	11	12	19	21
			l/s	167	183	200	317	350
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Drain Pipe		Φ,mm	ID 18mm Hose	ID 18mm Hose	ID 18mm Hose	ID 18mm Hose	ID 18mm Hose
Wiring Connections	Communica-tion	Min.	mm2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 27 / 22	37 / 27 / 22	38 / 28 / 22	41 / 32 / 25	43 / 34 / 26
	Sound Power	Cooling		54	54	56	58	62
Dimensions	Net Weight		kg	9,6	9,6	9,6	13,4	13,4
	Net Dimensions (WxHxD)		mm	826 x 261 x 261	826 x 261 x 261	826 x 261 x 261	1,065 x 301 x 294	1,065 x 301 x 294
Additional Accessories	Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable	Removable / Washable	Removable / Washable

Accessory
Included
 Wireless Remote Controller

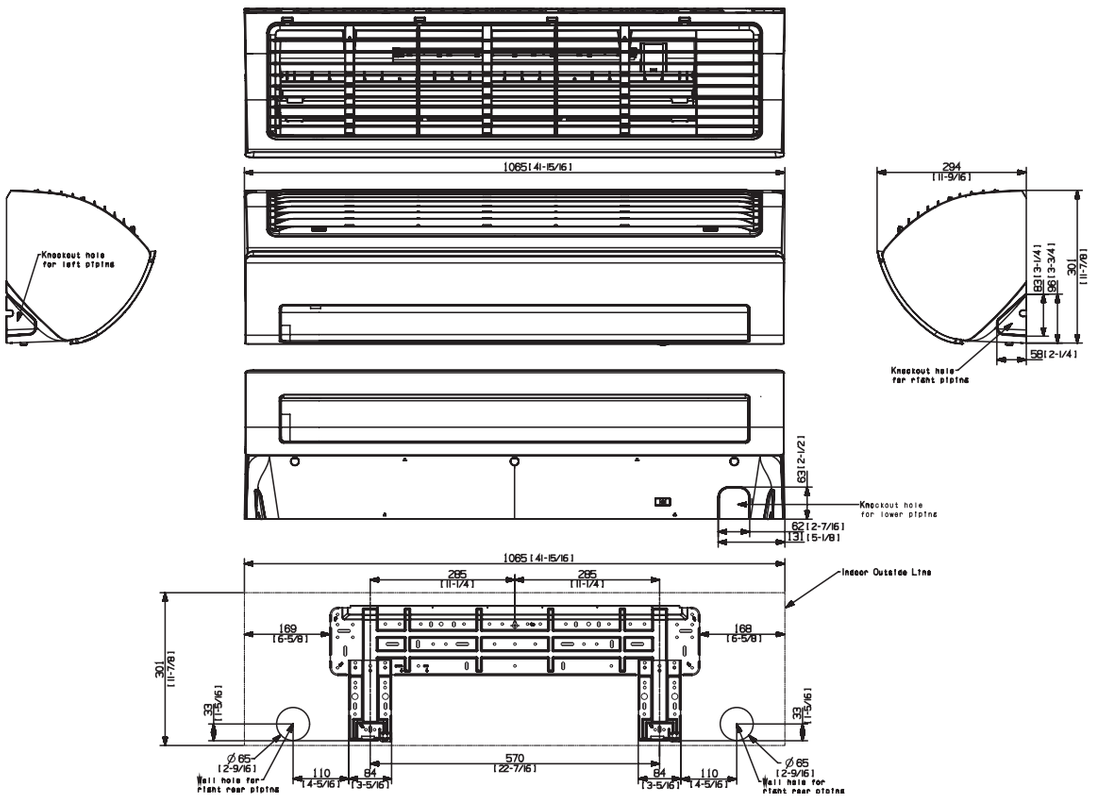
Dimensional Drawings

AR5580

AR5580: AR07/09/12*SWS***N**



AR5580: AR18/24*SWS***N**



Specifications

AR5500

- Easy Filter Plus
- Triangle Design
- Wi-Fi Control - Samsung SmartThings



Model Name				AR07NXWSAURNEU	AR09NXWSAURNEU	AR12NXWSAURNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance		Cooling	kW	2	2,75	3,5
		Heating		2,2	3,2	3,5
Power	Power Input	Cooling	W	30	30	30
		Heating		30	30	30
	Current Input	Cooling	A	0,3	0,3	0,3
		Heating		0,3	0,3	0,3
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1
	Airflow Rate		m^3/min	8	9	10
			l/s	133,3	150	166,7
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communication	Min.	mm2	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	37 / 27 / 22	37 / 27 / 22	38 / 28 / 22
	Sound Power	Cooling		54	54	56
Dimensions	Net Weight		kg	9,5	9,5	9,5
	Net Dimensions (WxHxD)		mm	826 x 261 x 261	826 x 261 x 261	826 x 261 x 261

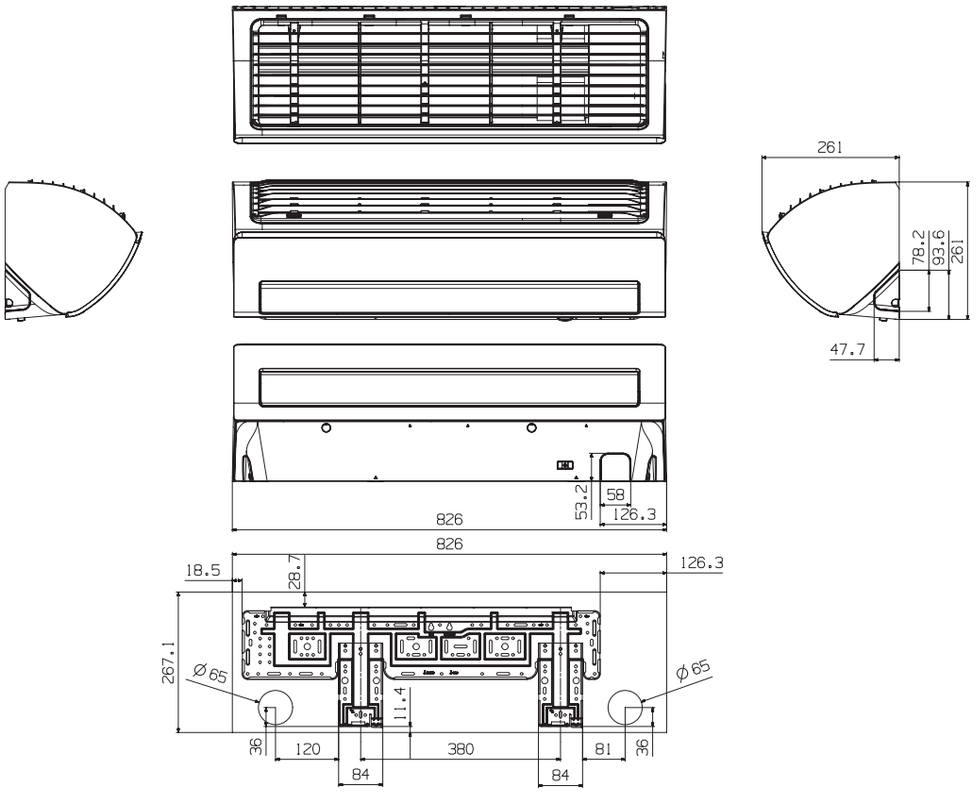
Accessory
Included

Wireless Remote Controller

Dimensional Drawings

AR5500

AR**NXWSAURNEU



Specifications
Boracay

- 3-Care Filter



Model Name				AR07NXFHBWKNEU	AR09NXFHBWKNEU	AR12NXFHBWKNEU	AR18NSFHBWKNEU	AR24NSFHBWKNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling	kW	2,0	2,8	3,5	5,0	6,8
		Heating		2,2	3,2	3,5	6,0	7,7
Power	Power Input	Cooling	W	30	30	30	50	50
		Heating		30	30	30	50	50
	Current Input	Cooling	A	0,3	0,3	0,3	0,5	0,5
		Heating		0,3	0,3	0,3	0,5	0,5
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1	1
	Airflow Rate		m^3/min	8	9	10	15,5	16,5
			l/s	133,3	150	166,7	258	275
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communica-tion	Min.	mm2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	38 / 30 / 21	38 / 30 / 21	42 / 33 / 21	42 / 34 / 25	45 / 36 / 29
	Sound Power	Cooling		56	56	59	58	63
Dimensions	Net Weight		kg	8,2	8,2	8,2	11,6	11,6
	Net Dimensions (WxHxD)		mm	820 x 285 x 227	820 x 285 x 227	820 x 285 x 227	1,065 x 298 x 243	1,065 x 298 x 243

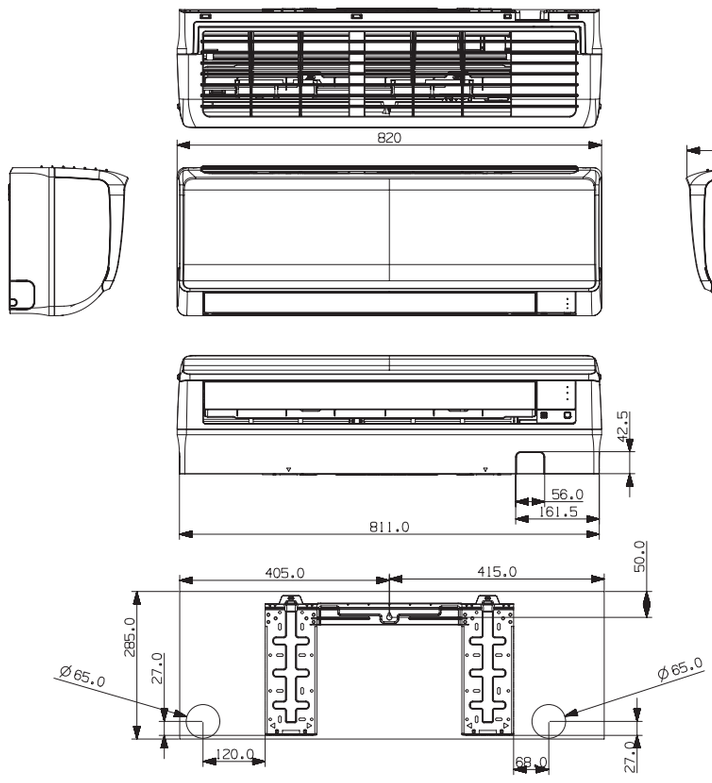
Accessory
Included

Wireless Remote Controller

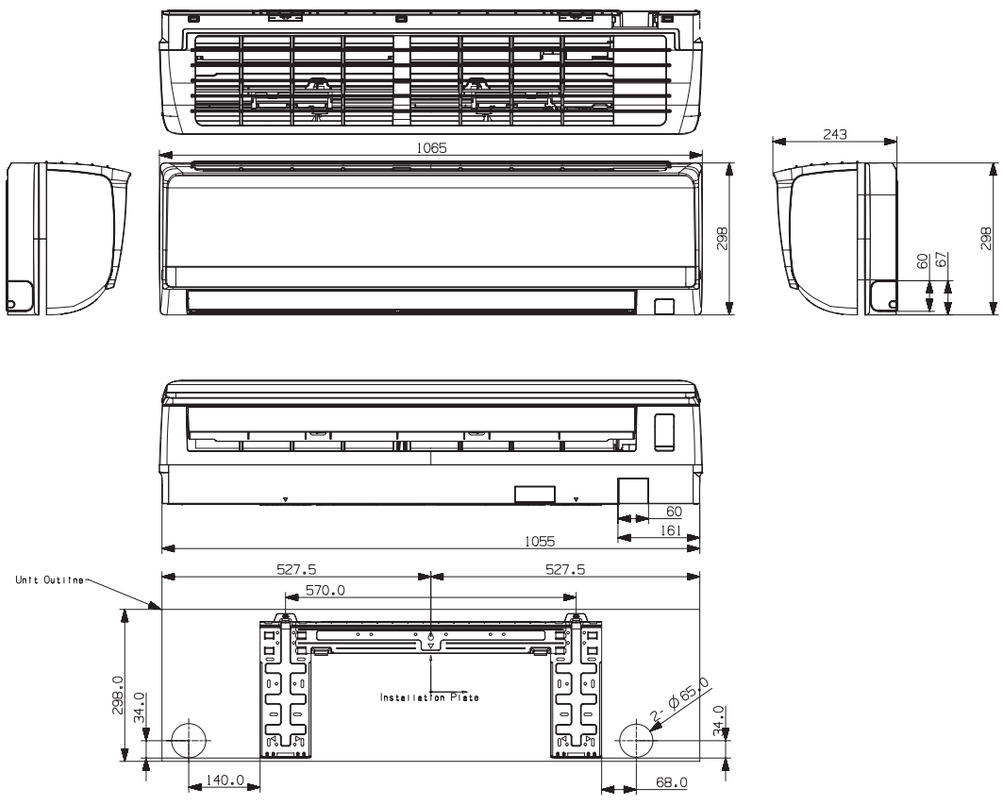
Dimensional Drawings

Boracay

AR**NXFHBWKNEU



AR**NSFHBWKNEU



Specifications
Maldives

- 3-Care Filter



Model Name				AR07NXFPEWQNEU	AR09NXFPEWQNEU	AR12NXFPEWQNEU	AR18NSFPEWQNEU	AR24NSFPEWQNEU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling	kW	2	2,75	3,5	5,0	6,8
		Heating		2,2	3,2	3,5	6,0	7,8
Power	Power Input	Cooling	W	30	30	30	50	50
		Heating		30	30	30	50	50
	Current Input	Cooling	A	0,3	0,3	0,3	0,5	0,5
		Heating		0,3	0,3	0,3	0,5	0,5
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1	1
	Airflow Rate		m^3/min	8	9	10	14.2 / 12.3 / 11.2	17.8 / 14.3 / 10.6
			l/s	133,3	150	166,7	237 / 205 / 187	297 / 238 / 177
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1	27 x 1
	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Piping Connections	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")
	Drain Pipe		Φ,mm	ID 18mm Hose	ID 18mm Hose	ID 18mm Hose	ID18mm Hose	ID18mm Hose
Wiring Connections	Communica-tion	Min.	mm2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	38 / 28 / 21	38 / 28 / 21	42 / 33 / 23	42 / 34 / 25	45 / 35 / 29
	Sound Power	Cooling		56	56	59	58	63
Dimensions	Net Weight		kg	8,0	8,0	8,0	11,6	11,6
	Net Dimensions (WxHxD)		mm	820 x 285 x 215	820 x 285 x 215	820 x 285 x 215	1,065 x 298 x 230	1,065 x 298 x 230

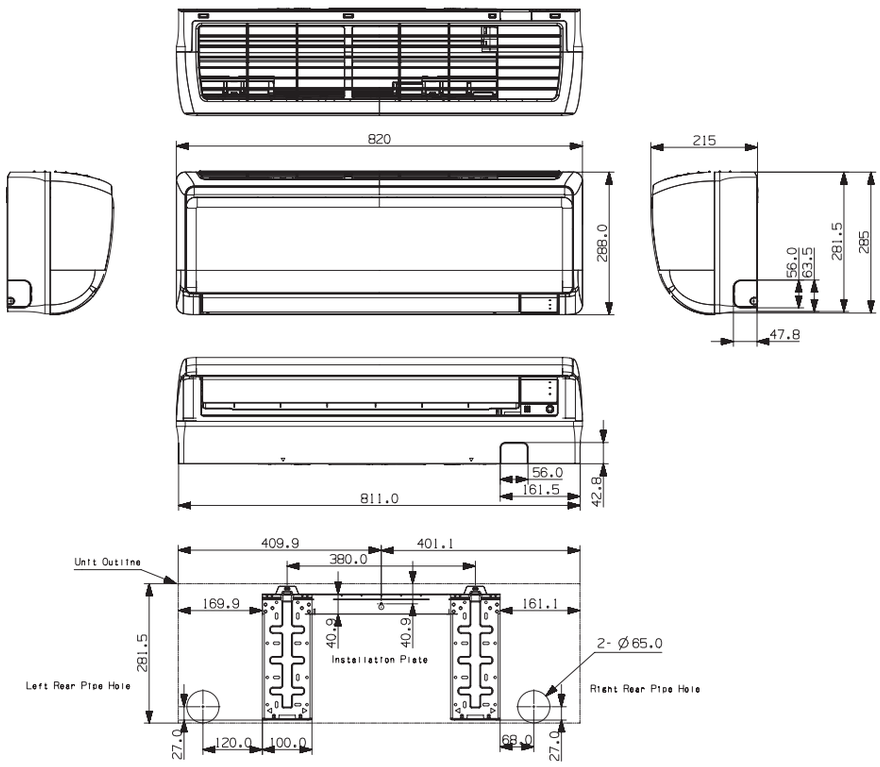
Accessory
Included

Wireless Remote Controller

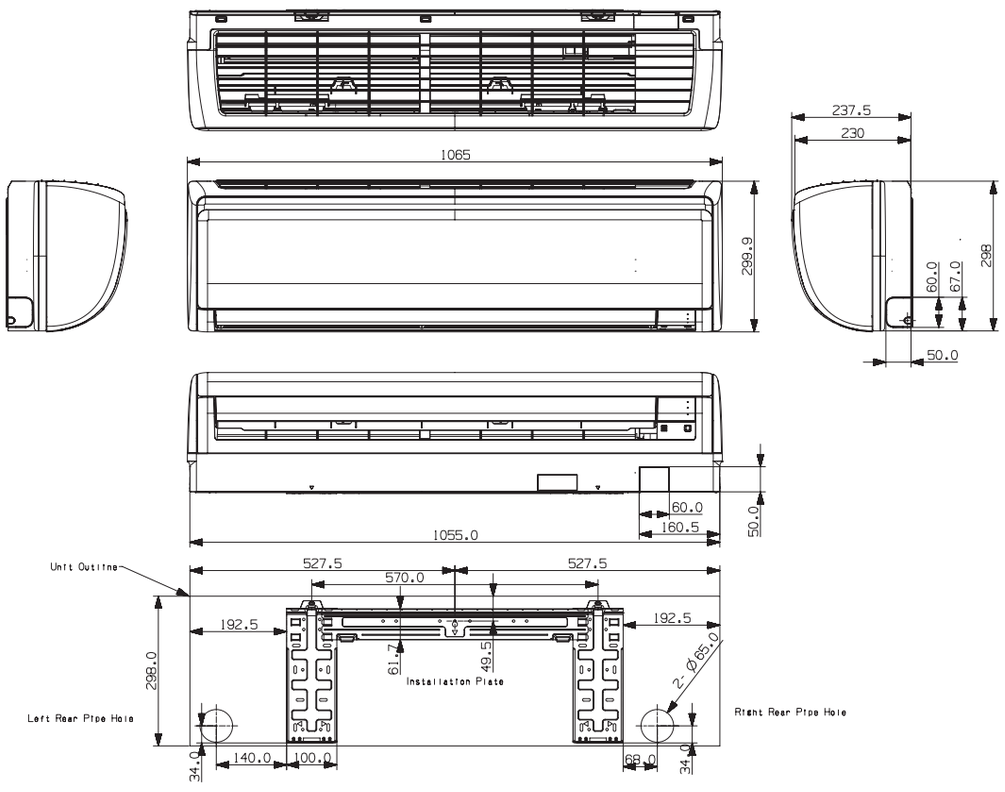
Dimensional Drawings

Maldives

AR**NXFPEWQNEU



AR**NSFPEWQNEU



Product Features

Wind-Free™ 1-Way Cassette

Wind-Free™ 1-Way Cassette

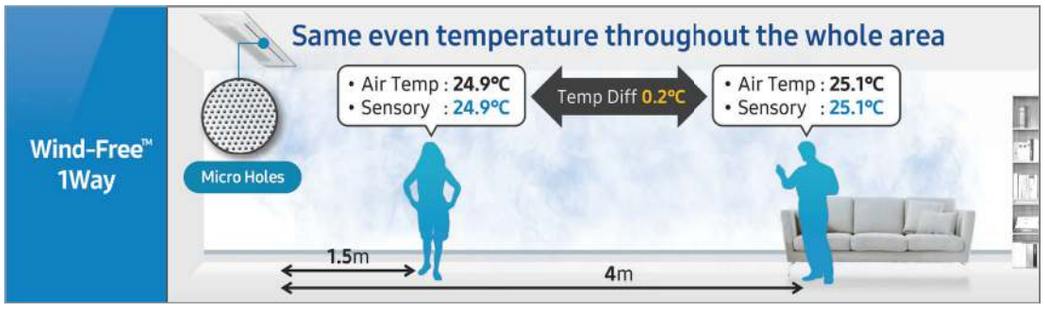
Wind-Free™ Cooling is Samsung's advanced technology. The Wind-Free™ 1-Way Cassette pushes air out through 10.000 micro air holes in the panel, producing a dispersed and gentle flow of air actually defined as "still air" and the key here is all of those holes create a still, cooled airflow that infiltrates the room gently and softly so that users do not experience cold draft.

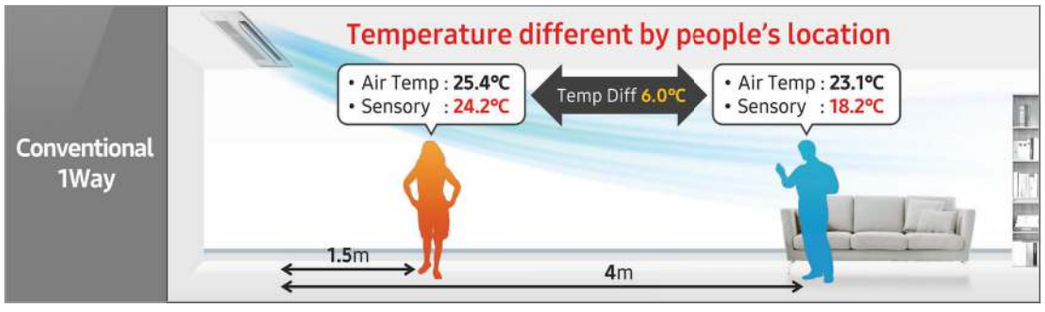
*ASHRAE (American Society of Heating, Refrigeration, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.





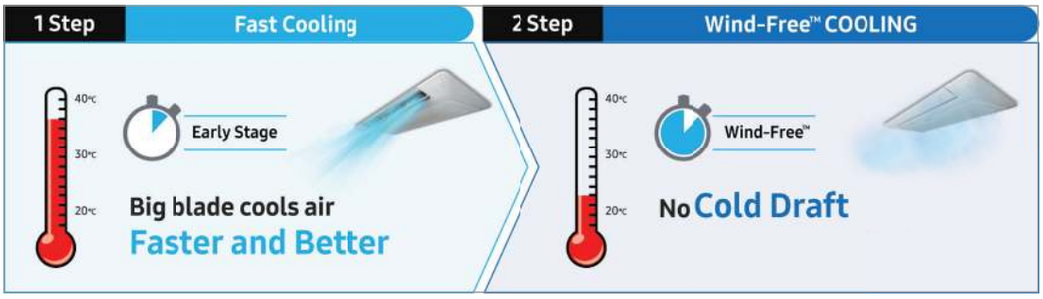
Even cooling





Smart Cooling mode

During the early stage of cooling, the Fast Cooling mode is used to quickly and efficiently cool the air by opening the blades and releasing powerful airflow. When the room reaches the target temperature, it automatically switches to Wind-Free™ Cooling mode to maintain the desired conditions by gently dispersing cool air.



Big blade, long air throw

The wider and bigger blade cools a large area much faster, without leaving any dead zones. It can deliver cool air up to 8m* with a wider operating angle, along with rapid and even cooling.

*Based on the 7.1kW indoor unit.



Specifications

Wind-Free™ 1-Way Cassette



				AJ026NB1DEH/EU	AJ035NB1DEH/EU
Model Name					
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Performance	Capacity	Cooling	kW	2,6	3,5
		Heating		2,9	3,8
Power	Power Input	Cooling	W	45	50
		Heating		45	50
	Current Input	Cooling	A	0,23	0,25
		Heating		0,23	0,25
Fan	Type		-	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1
	Airflow Rate	H/M/L	m³/min	6.20/5.20/4.20	7.60/6.60/5.60
			l/s	103.33/86.67/70.00	126.67/110.00/93.33
Fan Motor	Type		-	AC Motor	AC Motor
	Output		W x n	17 x 1	17 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)
	Drain Pipe		Φ,mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)
Wiring Connections	Communication	Min.	mm²	0,75	0,75
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	32 / 29 / 26	37 / 33 / 30
	Sound Power	Cooling		50	55
External Dimension	Net Weight		kg	10	10
	Net Dimensions (WxHxD)		mm	970 x 135 x 410	970 x 135 x 410
Panel	Model Name		-	PC1NWFMAN	PC1NWFMAN
	Net Weight		kg	4,3	4,3
	Net Dimensions (W×H×D)		mm	1,198 x 35 x 500	1,198 x 35 x 500
Drain pump	Drain pump		-	INCLUDED	INCLUDED
	Max. lifting Height / Displacement		mm / Liter/h	750 / 24	750 / 24
Additional Accessories	Air Filter		-	Removable / Washable	Removable / Washable

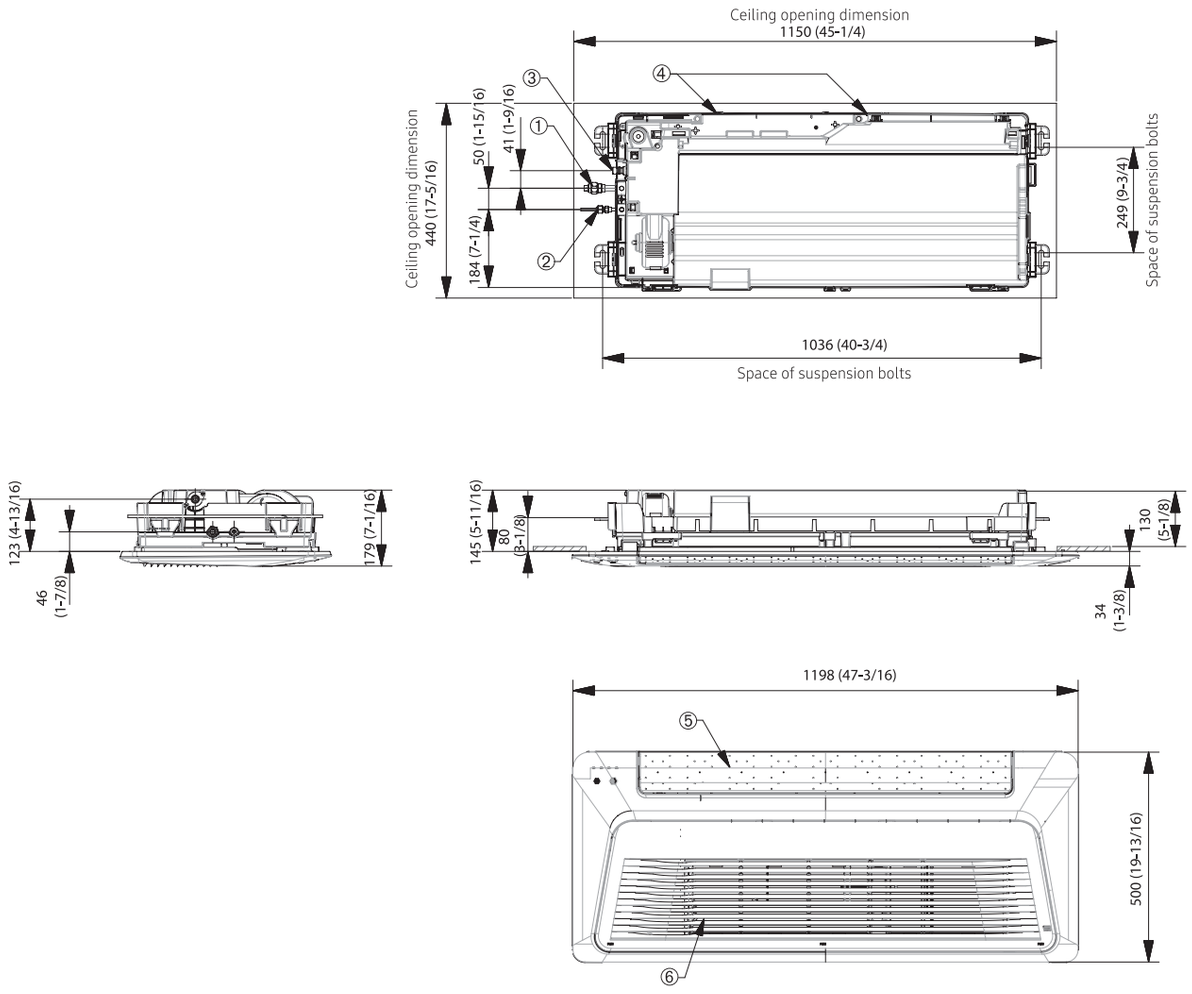
Accessories

Included	Optional	Required
		
Wireless Remote Controller	MWR-WE13	PC1NWFMAN

Dimensional Drawings

Wind-Free™ 1-Way Cassette

AJ***6NB1DEH/EU



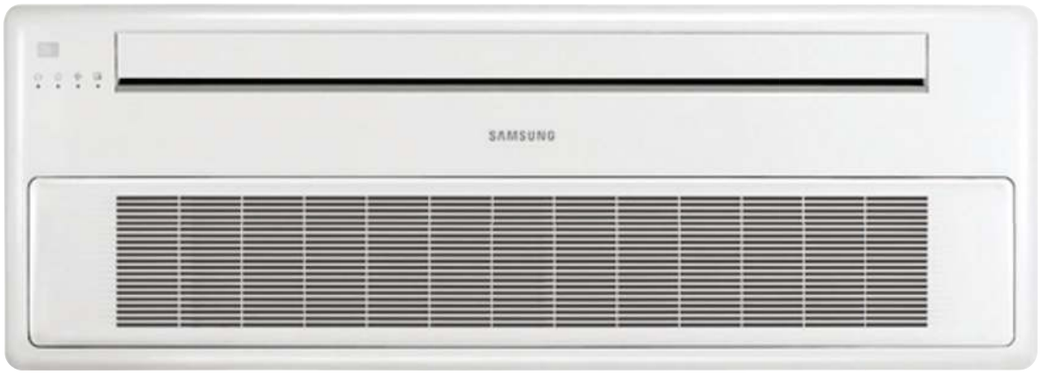
No	Name	Description
1	Gas pipe connection	Ø12.7 (1/2")
2	Liquid pipe connection	Ø6.35 (1/4")
3	Drain hose connection	VP20 (OD26, ID20)
4	Power supply/Communication wiring conduit	
5	Air outlet louver	
6	Air inlet grille	

Product Features

1-Way Cassette

1-Way Cassette

At a height of only 135mm, the 1-Way Cassette is compact and lightweight, thus makes installation and maintenance easier. These high-performing units are so subtle that they can blend seamlessly into interiors of any types and styles.



Lighter Indoor Unit

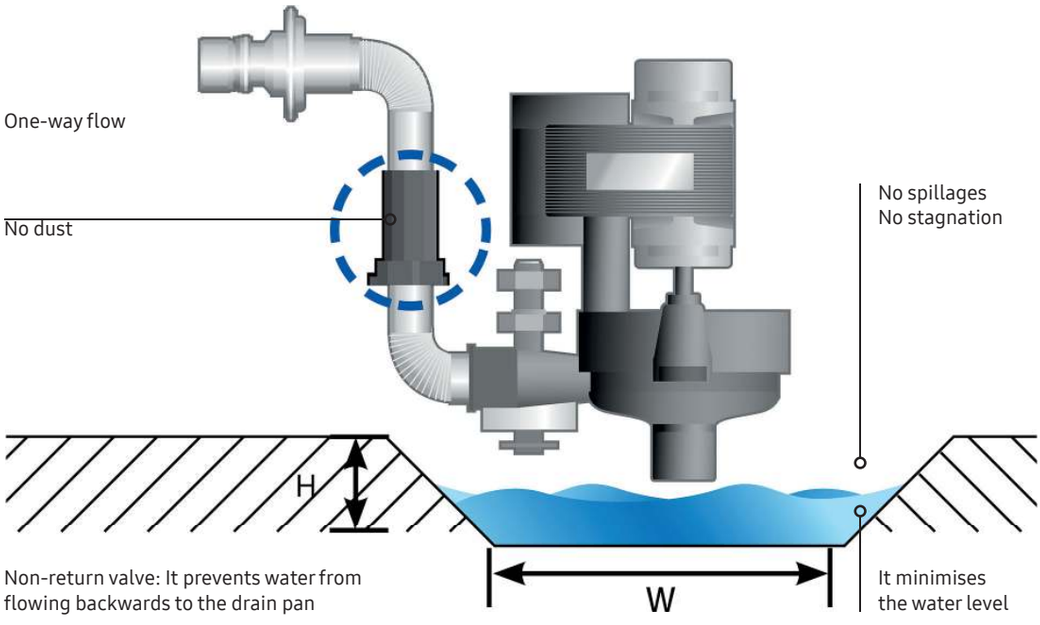
Samsung applies ABS cabinets into its 1-Way Cassette to provide a light weight (10.5kg) indoor unit. The slim and light weight design makes installation and maintenance a breeze.

Quiet Operation

Samsung new blade design drastically reduces noise levels so that you can relax in peace and quietness. A quiet work place is not only more comfortable for employees but also aids productivity. Whether operating on high or low speed setting, this air conditioning unit offers a virtually silent performance.

No Overflowing Drain Water

The check valve on the drain pump prevents drained water from flowing backward into the drain pan. This minimises the drain pan's water level so that you will never have to worry about water stagnation or overflowing drain water that could drip into your interior space.



Specifications

1-Way Cassette



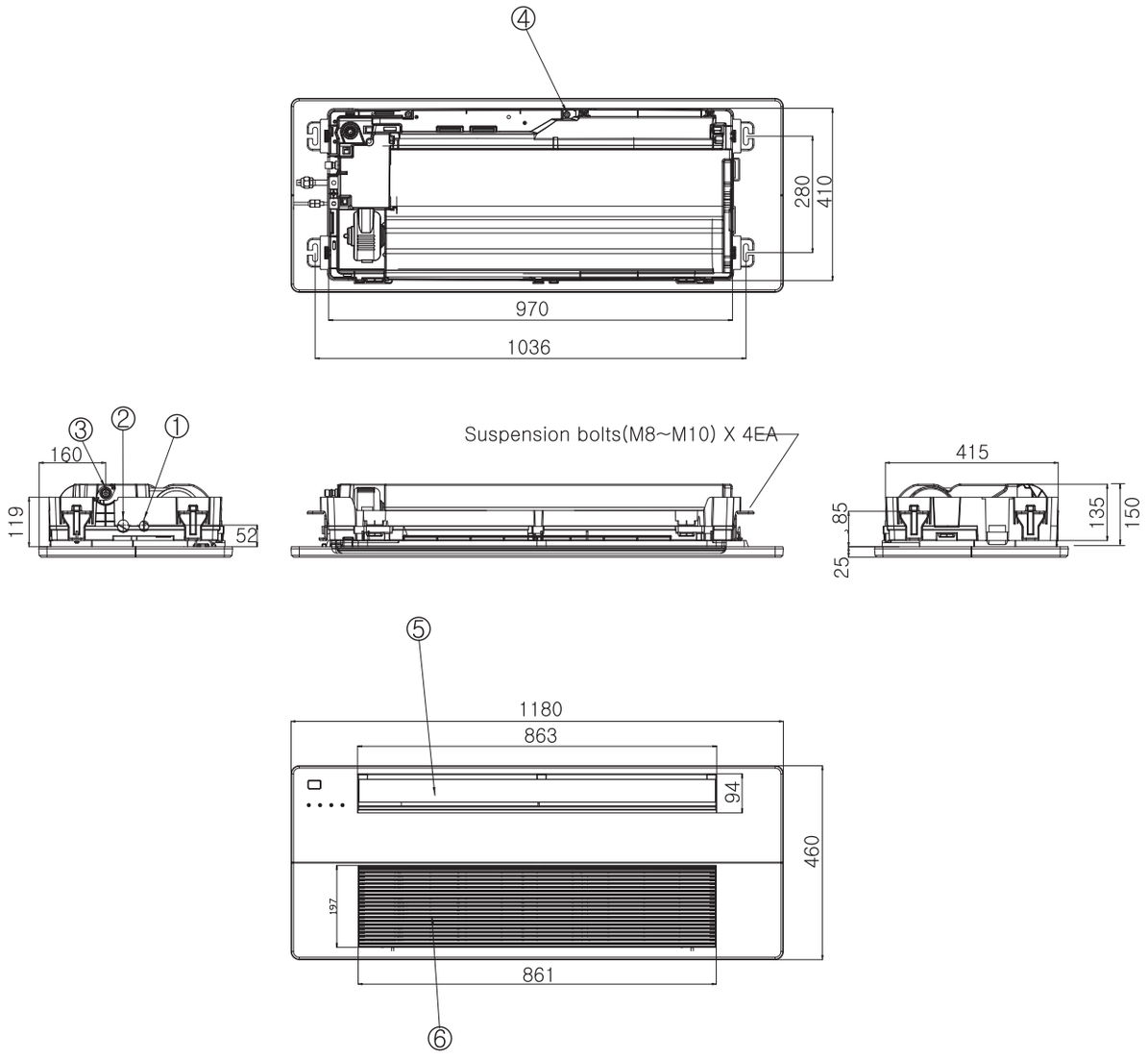
				MH026FSEA	MH035FSEA
Model Name					
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50
Performance	Capacity	Cooling	kW	2,6	3,5
		Heating		2,9	3,8
Power	Power Input	Cooling	W	45	50
		Heating		45	50
	Current Input	Cooling	A	0,23	0,25
		Heating		0,23	0,25
Fan	Type		-	Cross Flow Fan	Cross Flow Fan
	Quantity		EA	1	1
	Airflow Rate	H/M/L	m^3/min	6.20/5.20/4.20	7.60/6.60/5.60
			l/s	103.33/86.67/70.00	126.67/110.00/93.33
Fan Motor	Type		-	AC Motor	AC Motor
	Output		W x n	17 x 1	17 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)
	Drain Pipe		Φ,mm	VP20 (OD 26, ID 20)	VP20 (OD 26, ID 20)
Wiring Connections	Communication	Min.	mm^2	0,75	0,75
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	H/M/L	dB(A)	31 / 28 / 25	36/33/30
	Sound Power	Cooling		53	53
External Dimension	Net Weight		kg	10,5	10,5
	Net Dimensions (WxHxD)		mm	970 x 135 x 410	970 x 135 x 410
Panel	Model Name		-	PSSMA	PSSMA
	Net Weight		kg	3,1	3,1
	Net Dimensions (W×H×D)		mm	1,180 x 25 x 460	1,180 x 25 x 460
Drain pump	Drain pump		-	INCLUDED	INCLUDED
	Max. lifting Height / Displacement		mm / Liter/h	750 / 24	750 / 24
Additional Accessories	Air Filter		-	Removable / Washable	Removable / Washable

Accessories	
Optional	Required
	
MWR-WE13	PSSMA

Dimensional Drawings

1-Way Cassette

MH***FSEA



No	Name	Description
1	Liquid pipe connection	Ø6.35 Flare
2	Gas pipe connection	Ø9.52 Flare
3	Drain hose connection	VP20(OD 26, ID20)
4	Conduit for power supply & communication wiring	-
5	Air outlet louver	-
6	Ait inlet grille	-
7	Panel model	PSSMA

Product Features

Wind-Free™ Mini 4-Way Cassette

Wind-Free™ Mini 4-Way Cassette

Wind-Free™ Cooling is Samsung's advanced technology. The Wind-Free™ Mini 4-Way Cassette pushes air out through thousands of micro air holes in the panel, producing a dispersed and gentle flow of air actually defined as "still air" and the key here is all of those holes create a still, cooled airflow that infiltrates the room gently and softly so that users do not experience cold draft.





Wind-Free™ Cooling with micro holes

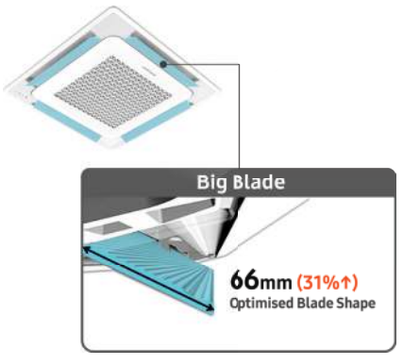
The Wind-Free™ Mini 4-Way Cassette pushes air out through 13.000 micro holes in the panel, producing a dispersed and gentle flow of air actually defined as "still air". The key here is that all of those holes create a still, cooled airflow that infiltrates the room gently and softly.



*ASHRAE (American Society of Heating, Refrigeration, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.

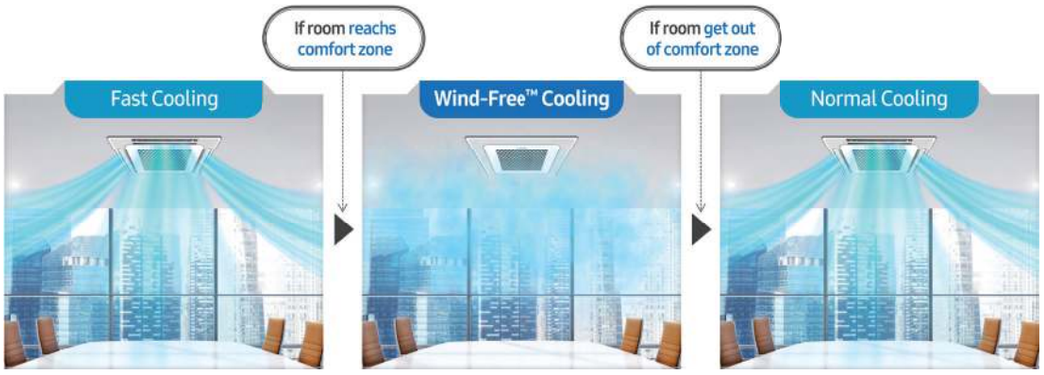
Big blade, long air throw

The big and optimised blades enable a wider cooling range, which results in an improved air circulation within the room and it can cool the area much faster without leaving any dead zones.



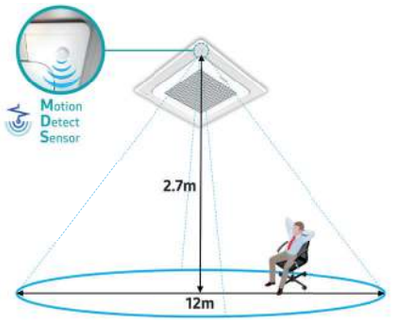
Smart Comfort Operation

The smart comfort operation is able to maintain an optimal room condition automatically, by detecting not only the temperature but also the relative humidity in the room.



New Motion Detect Sensor (MDS) Operation (Optional)

The newly designed Motion Detect Sensor (MDS) enables customised air direction and efficient operation by detecting the location of people in the room.



Specifications

Wind-Free™ Mini 4-Way Cassette



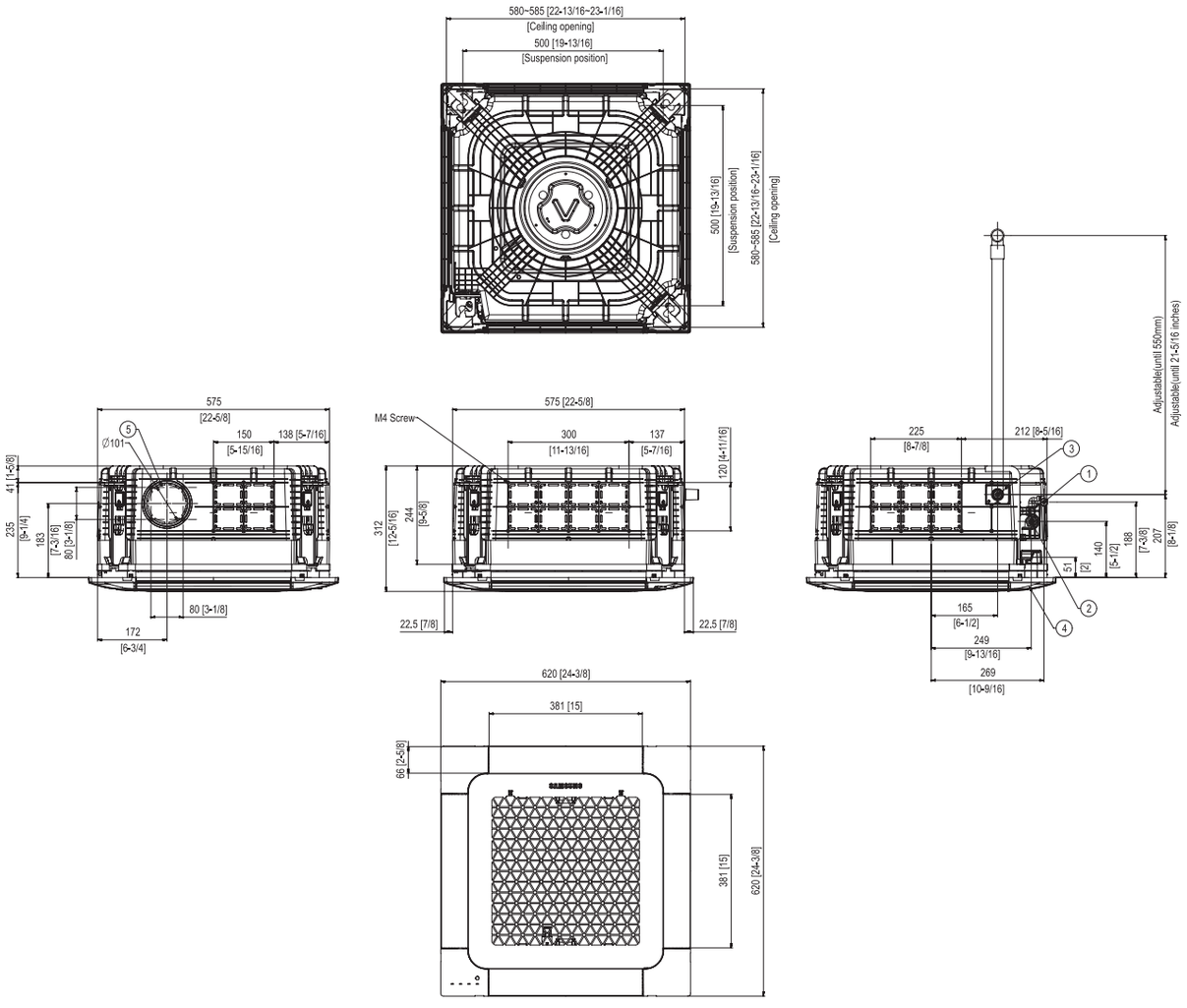
				AJ016NBNDEH/EU	AJ016NBNDEH/EU	AJ026NBNDEH/EU	AJ035NBNDEH/EU	AJ052NBNDEH/EU
Model Name								
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Performance	Capacity	Cooling	kW	1,6	2,0	2,6	3,5	5,2
		Heating		2,0	2,2	2,9	3,8	5,6
Power	Power Input	Cooling	W	19	19	19	22	28
		Heating		19	19	19	22	28
	Current Input	Cooling	A	0,51	0,51	0,51	0,52	0,53
		Heating		0,51	0,51	0,51	0,52	0,53
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		EA	1	1	1	1	1
	Air Flow Rate	H/M/L	m³/min	9.00/8.20/6.90	9.00/8.20/6.90	9.00/8.20/6.90	10.50/9.00/7.40	10.50/9.00/7.40
			l/s	150.00/136.67/ 115.00	150.00/136.67/ 115.00	150.00/136.67/ 115.00	175.00/150.00/ 123.33	175.00/150.00/ 123.33
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
Piping Connections			Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
	Liquid Pipe		Φ,mm	6,35	6,35	6,35	6,35	6,35
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"
			Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
	Gas Pipe		Φ,mm	9,52	9,52	9,52	9,52	12,7
			Φ, inch	3/8"	3/8"	3/8"	3/8"	1/2"
	Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Wiring Connections	For power supply	Minimum	mm²	1	1	1	1	1
	For connection with indoor	Minimum	mm²	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	33/29/24	33/29/24	33/29/24	35/31/27	39/36/32
	Sound Power	Cooling		49	49	49	53	55
Dimensions	Net Weight		kg	11,5	11,5	11,5	11,5	11,7
	Net Dimensions (W×H×D)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
Panel	Model Name		-	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
	Net Weight		kg	2,7	2,7	2,7	2,7	2,7
	Net Dimensions (W×H×D)		mm	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620
Drain pump	Drain pump		-	Included	Included	Included	Included	Included
	Max. lifting Height / Displacement		mm / Liter/h	750 / 24	750 / 24	750 / 24	750 / 24	750 / 24
Additional Accessories	Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable	Removable / Washable	Removable / Washable

Accessories	
Optional	Required
	
MWR-WE13	PC4SUFMAN

Dimensional Drawings

Wind-Free™ Mini 4-Way Cassette

AJ016/020/026/035/052NBNDEH/EU



Product Features

Mini 4-Way Cassette

Mini 4-Way Cassette

Stylish design, an effective Smart Inverter compressor and a plethora of innovative features make Samsung Mini 4-Way Cassette great for small offices and light commercial applications with limited roof space. The Mini 4-Way Cassette can be installed in the traditional ceiling panels measuring 600x600 mm.



Customisable Airflow

Samsung Mini 4-Way Cassette enables users to manipulate the angles of the fan blades for more efficient cooling through a remote controller. Users can individually set the opening angles of the four blades at the same angle or different angles (32° - 65°) to create the right cooling environment.



Maximum installation height (Mini 4-Way Cassette)

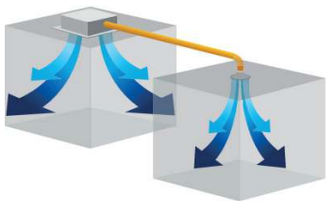
The airflow rate can be increased through a setting on the remote controller in order reach a maximum installation height of 3 m.



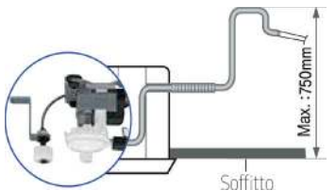
Multi-Directional & Multi-Functional

There is a pre-cut hole on the side of the cassette which enables the external fresh air to enter the room (1). It is also possible to connect a secondary pipe to the cassette in order to cool/heat the room next door (2). Meanwhile each flap can be easily removed in order to properly clean it without completely taking away the grille (3). The built-in drain pump enables to lift the condensation up to 750 mm (4).









Specifications

Mini 4-Way Cassette



Model Name				AJN016NDEHA/EU	AJN020NDEHA/EU	AJN026NDEHA/EU	AJN035NDEHA/EU	AJN052NDEHA/EU
Power Supply			Φ, #, V, Hz	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50	1,2,220-240,50
Performance	Capacity	Cooling	kW	1,6	2	2,6	3,5	5,2
		Heating		2,0	2,2	2,9	3,8	5,6
Power	Power Input	Cooling	W	19	19	19	22	28
		Heating		19	19	19	22	28
	Current Input	Cooling	A	0,51	0,51	0,51	0,52	0,53
		Heating		0,51	0,51	0,51	0,52	0,53
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		EA	1	1	1	1	1
	Airflow Rate	H/M/L	m^3/min	9.00/8.20/6.90	9.00/8.20/6.90	9.00/8.20/6.90	10.50/9.00/7.40	10.50/9.00/7.40
			l/s	150.00/136.67/115.00	150.00/136.67/115.00	150.00/136.67/115.00	175.00/150.00/123.33	175.00/150.00/123.33
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	65 x 1	65 x 1	65 x 1	65 x 1	65 x 1
Piping Connections			Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
	Liquid Pipe		Φ,mm	6,35	6,35	6,35	6,35	6,35
			Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"
			Type	Flare connection	Flare connection	Flare connection	Flare connection	Flare connection
	Gas Pipe		Φ,mm	9,52	9,52	9,52	9,52	12,7
			Φ, inch	3/8"	3/8"	3/8"	3/8"	1/2"
	Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Wiring Connections	For power supply	Minimum	mm^2	1,5	1,5	1,5	1,5	1,5
	For connection with indoor	Minimum	mm^2	0,75	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	33/29/24	33/29/24	33/29/24	35/31/27	39/36/32
	Sound Power	Cooling		49	49	49	53	55
Dimensions	Net Weight		kg	11,5	11,5	11,5	11,5	11,7
	Net Dimensions (W×H×D)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
Panel	Model Name		-	PC4SUSMC	PC4SUSMC	PC4SUSMC	PC4SUSMC	PC4SUSMC
	Net Weight		kg	2,3	2,3	2,3	2,3	2,3
	Net Dimensions (W×H×D)		mm	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620	620 x 45 x 620
Drain pump	Drain pump		-	Included	Included	Included	Included	Included
	Max. lifting Height / Displacement		mm / Liter/h	750 / 24	750 / 24	750 / 24	750 / 24	750 / 24
Additional Accessories	Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable	Removable / Washable	Removable / Washable

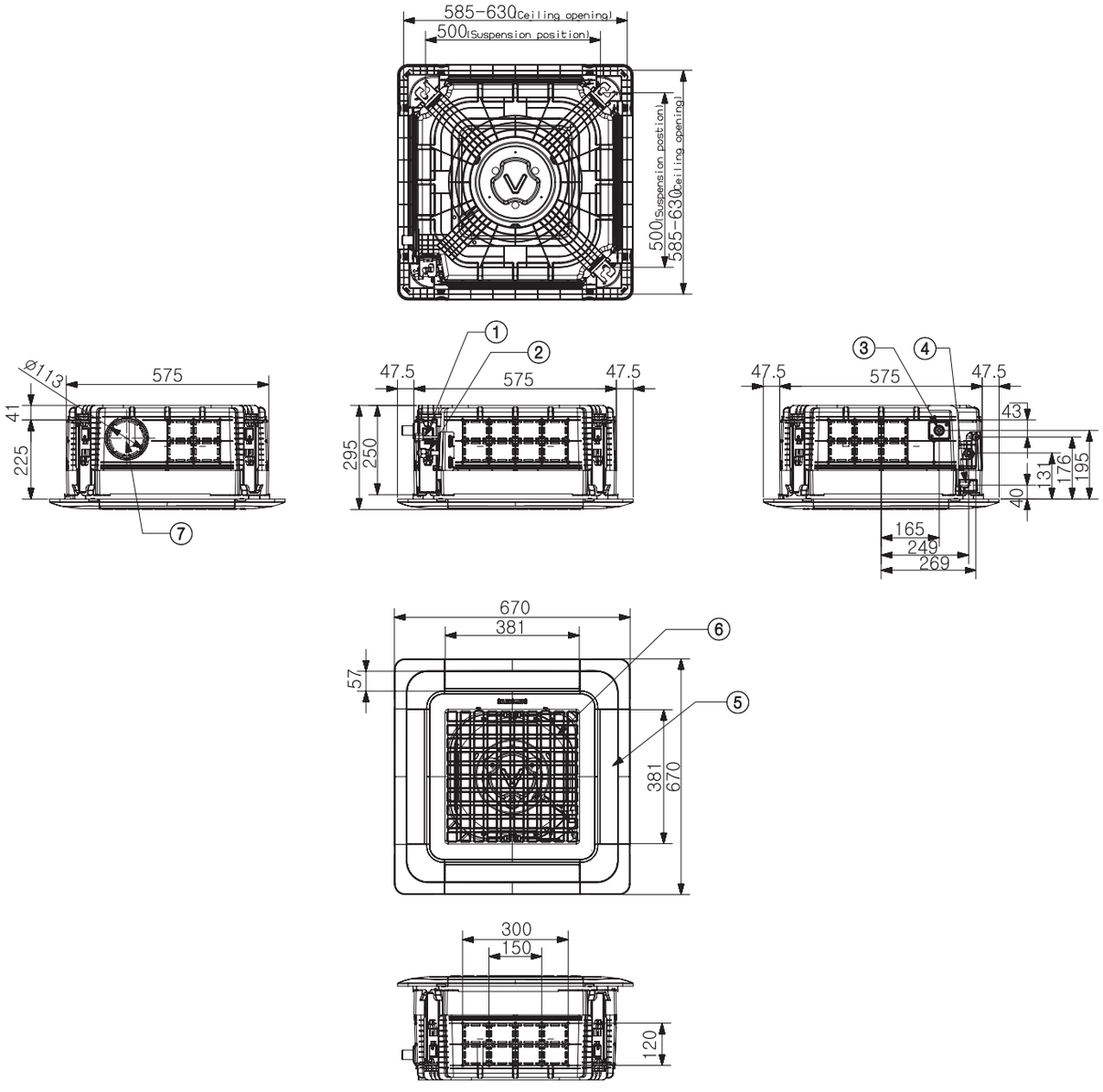
Accessories

Optional	Required
	
MWR-WE13	PC4SUSMC

Dimensional Drawings

Mini 4-Way Cassette

AJN***NDEHA/EU



No	Name	Description				
		1.6kW	2.0kW	2.6kW	3.5kW	5.2kW
1	Liquid pipe connection	Ø6.35 Flare				
2	Gas pipe connection	Ø9.52 Flare				Ø12.70 Flare
3	Drain pipe connection	VP20(OD 26, ID20)				
4	Conduit for power supply & communication wiring	-				
5	Air outlet louver	-				
6	Ait inlet grille	-				
7	Fresh air intake	PSSMA				

Product Features
Console

Console

The slim and elegant Samsung Console indoor unit is designed to perfectly fit for spaces with high ceiling and many windows while maintaining an optimal indoor temperature. Samsung's console air conditioning solution makes any environment more pleasant and comfortable with its 2-way airflow outlets and quiet operation.



Slim Design

The new Console air conditioner is only 199mm thick. Its unobtrusive design easily integrates into any decor.

Stay-clean

The intelligently designed clean panel keeps dust from accumulating, so that the unit and your room stay cleaner.

2-Way Air Outlets

There are two separate air outlets for cooling and heating. In cooling mode the cool air comes out from the upper part of the air outlet and in heating mode the warm air comes out of the lower part of the air outlet, to spread it evenly throughout the room. You can stay cooler or warmer in every corner of your room.



Specifications
Console



Model Name				MH026FJEA	MH035FJEA	MH052FJEA
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance	Capacity	Cooling	kW	2,6	3,5	5,2
		Heating	kW	2,9	3,8	5,6
Power	Power Input	Cooling	W	30	35	50
		Heating		30	35	50
	Current Input	Cooling	A	0,25	0,29	0,29
		Heating		0,25	0,29	0,29
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		EA	1	1	1
	Air Flow Rate	H/M/L	m^3/min	9.0 / 7.8 / 6.7	10.5 / 9.3 / 8.2	11.2 / 9.9 / 8.6
			l/s	150 / 130 / 112	175 / 155 / 137	187 / 165 / 143
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	35 x 1	35 x 1	35 x 1
Piping Connections			Type	Flare connection	Flare connection	Flare connection
	Liquid Pipe		Φ,mm	6,35	6,35	6,35
			Φ, inch	1/4"	1/4"	1/4"
			Type	Flare connection	Flare connection	Flare connection
	Gas Pipe		Φ,mm	9,52	9,52	12,7
			Φ, inch	3/8"	3/8"	1/2"
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	ID18mm Hose
Wiring	For power supply	Minimum	mm2	1,5	1,5	1,5
	For connection with indoor	Minimum	mm2	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	36 / 31 / 23	38 / 35 / 24	43 / 39 / 32
	Sound Power	Cooling		53	53	60
Dimensions	Net Weight		kg	15,7	15,7	15,7
	Net Dimensions (WxHxD)		mm	720 x 199 x 620	720 x 199 x 620	720 x 199 x 620
Drain pump	Drain pump		-	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
Additional Accessories	Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable

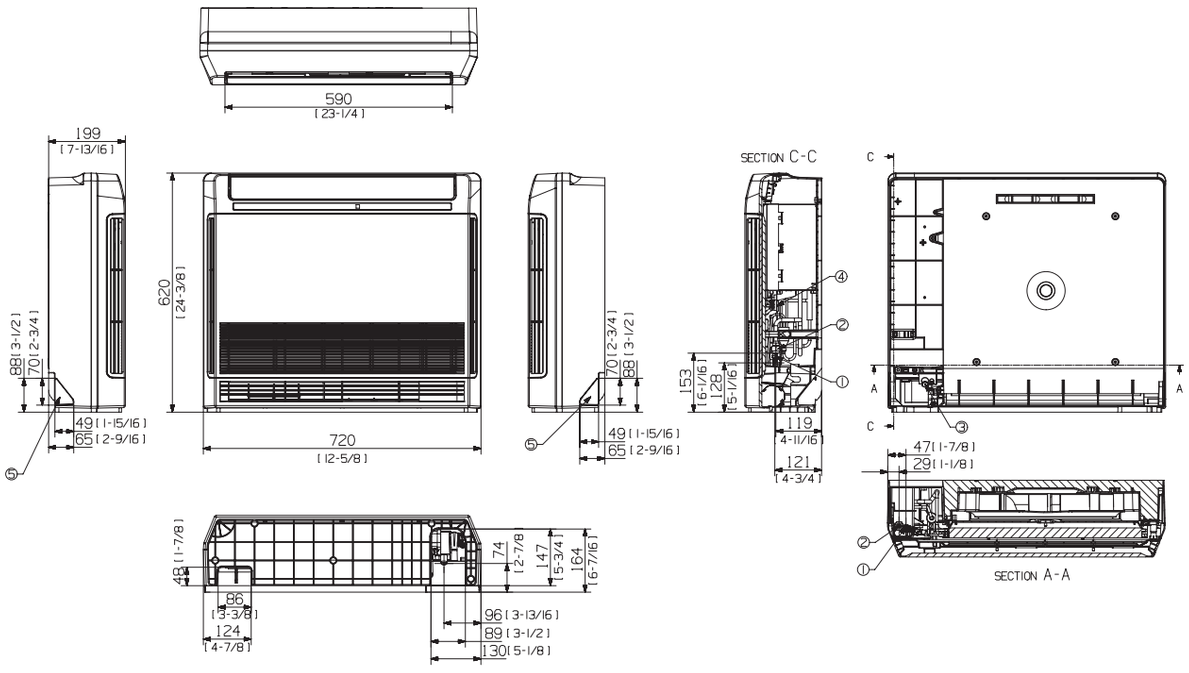
Accessory
Optional

MWR-WE13

Dimensional Drawings

Console

MH***FJEA



No	Name	Description	
		AC026MNJDKH/EU	**AC035MNJDKH/EU AC052MNJDKH/EU**
1	Liquid pipe connection	Ø6.35 (1/4)	
2	Gas pipe connection	Ø9.52 (3/8)	Φ12.7(1/2)
3	Drain pipe connection	ID18mm [11/16inch] Hose	
4	Power supply & communication wiring conduit	-	
5	Knockout hole for frain hose	-	

Product Features

Duct

Low/Mid Static Pressure Duct

Samsung offer several different ducted units which suit various applications. Whether you have a small gap in the ceiling space or very high ceilings, Samsung offers a ducted solution to suit your requirements.



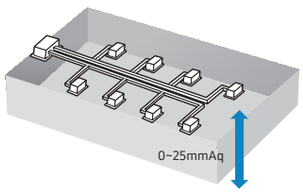
MSP Duct



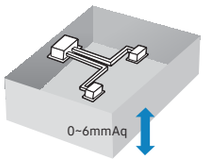
LSP Slim Duct

Air Coverage for Any Application

This provides the opportunity of designing more inlets and outlets, benefiting users by offering a more flexible range of installation options. In turn, this results in larger and more reliable coverage areas, servicing more people with more cool air.



MSP Duct

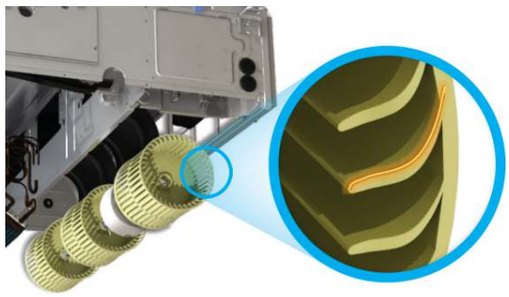


LSP Slim Duct

Reduced Noise Levels & Increased Airflow

Thanks to the aerodynamic profile the new Inverter fan enables a greater airflow and ensures a more even air distribution.





Simplified Installation & Maintenance

Thanks to the ultra-compact design, Samsung duct units can be placed anywhere. The indoor unit can be accessed from three different sides: from the top, from the bottom and from one side; this simplifies the usual maintenance activities.



Accessible from the top



Accessible from the bottom



Accessible from the side



Specifications
Duct



Model Name				NJ026LHXEA	NJ035LHXEA	MH052FUEA
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance	Capacity	Cooling	kW	2,6	3,5	5,2
		Heating		2,9	3,8	5,6
Power	Power Input	Cooling	W	80	80	170
		Heating		80	80	170
	Current Input	Cooling	A	0,4	0,4	1,04
		Heating		0,4	0,4	1,04
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	2	2	2
	Airflow Rate	H/M/L	m^3/min	8.6 / 7.6 / 6.6	9.8 / 8.8 / 7.8	16.3 / 15.0 / 13.5
			l/s	143 / 127 / 110	163 / 147 / 130	272 / 250 / 225
	External Static pressur	Max. (Min/ Std/Max)	mmAq	0 / 2 / 4	0 / 2 / 4	0 / 4 / 6
			Pa	0 / 19.6 / 39.2	0 / 19.6 / 39.2	0 / 39.2 / 58.8
Fan Motor	Type		-	AC Motor	AC Motor	AC Motor
	Output x n		W	25 x 1	25 x 1	200 x 1
Piping Connections			Type	Flare connection	Flare connection	Flare connection
	Liquid Pipe		Φ,mm	6,35	6,35	6,35
			Φ, inch	1/4"	1/4"	1/4"
			Type	Flare connection	Flare connection	Flare connection
	Gas Pipe		Φ,mm	9,52	9,52	12,7
			Φ, inch	3/8"	3/8"	1/2"
	Drain Pipe		Φ,mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)
Wiring Connections	For power supply	Minimum	mm2	1,5	1,5	1,5
	For connection with indoor	Minimum	mm2	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	30 / 28 / 25	32 / 30 / 27	42 / 41 / 39
	Sound Power	Cooling		53	53	59
Dimensions	Net Weight		kg	23,4	23,5	28,3
	Net Dimensions (WxHxD)		mm	900 x 199 x 600	900 x 199 x 600	900 x 260 x 480
Drain pump	Drain pump		-	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
Additional Accessories	Drain Pump	External Model	-	-	-	-
		Internal Model	-	MDP-E075SEE3	MDP-E075SEE3	MDP-M075SGU3
		Max. lifting Height / Displace-ment	mm / Liter/h	750 / 24	750 / 24	750 / 24
	Air Filter		-	Removable / Washable	Removable / Washable	Removable / Washable

Accessory

Optional

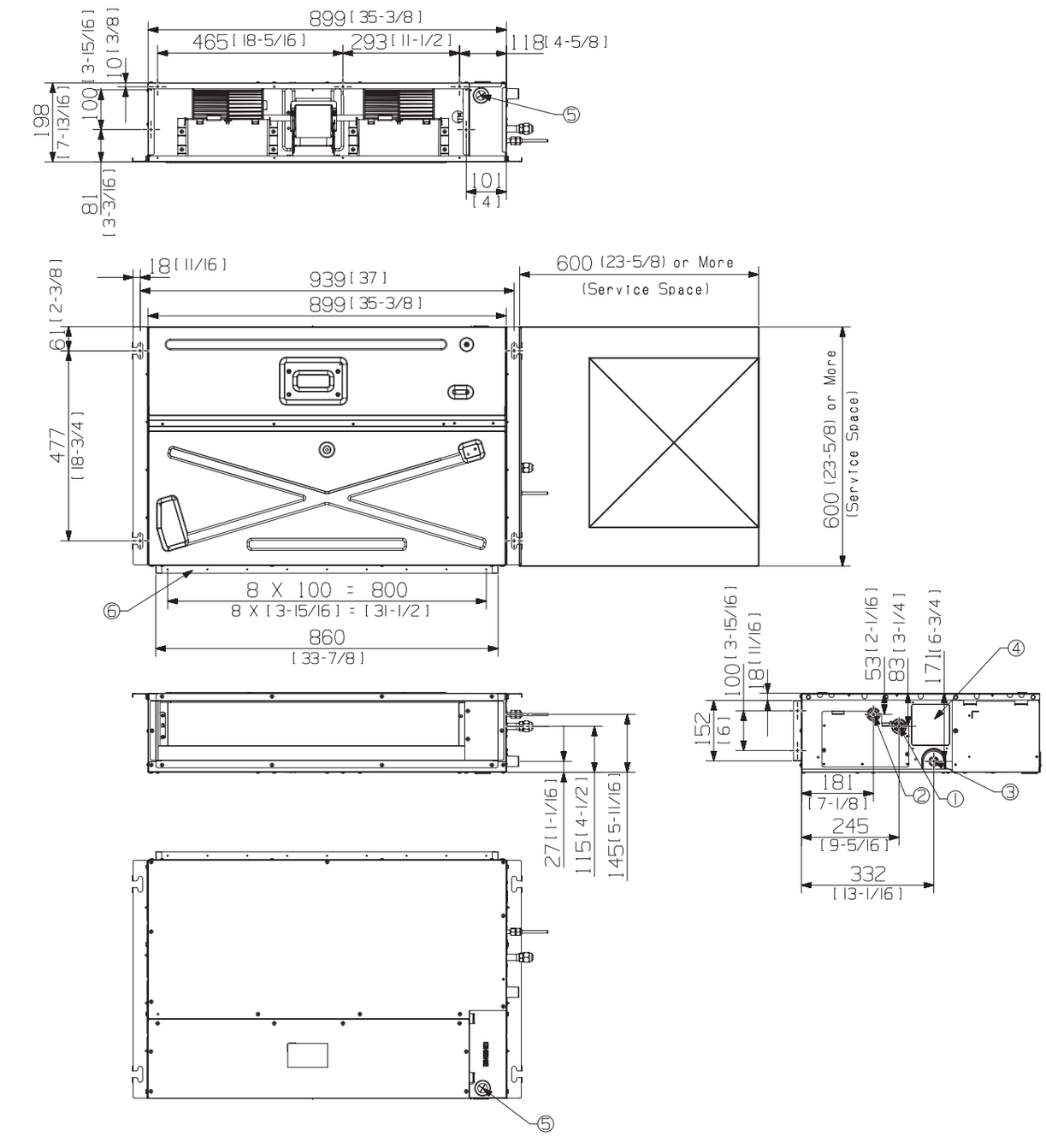


MWR-WE13

Dimensional Drawings

LSP Slim Duct

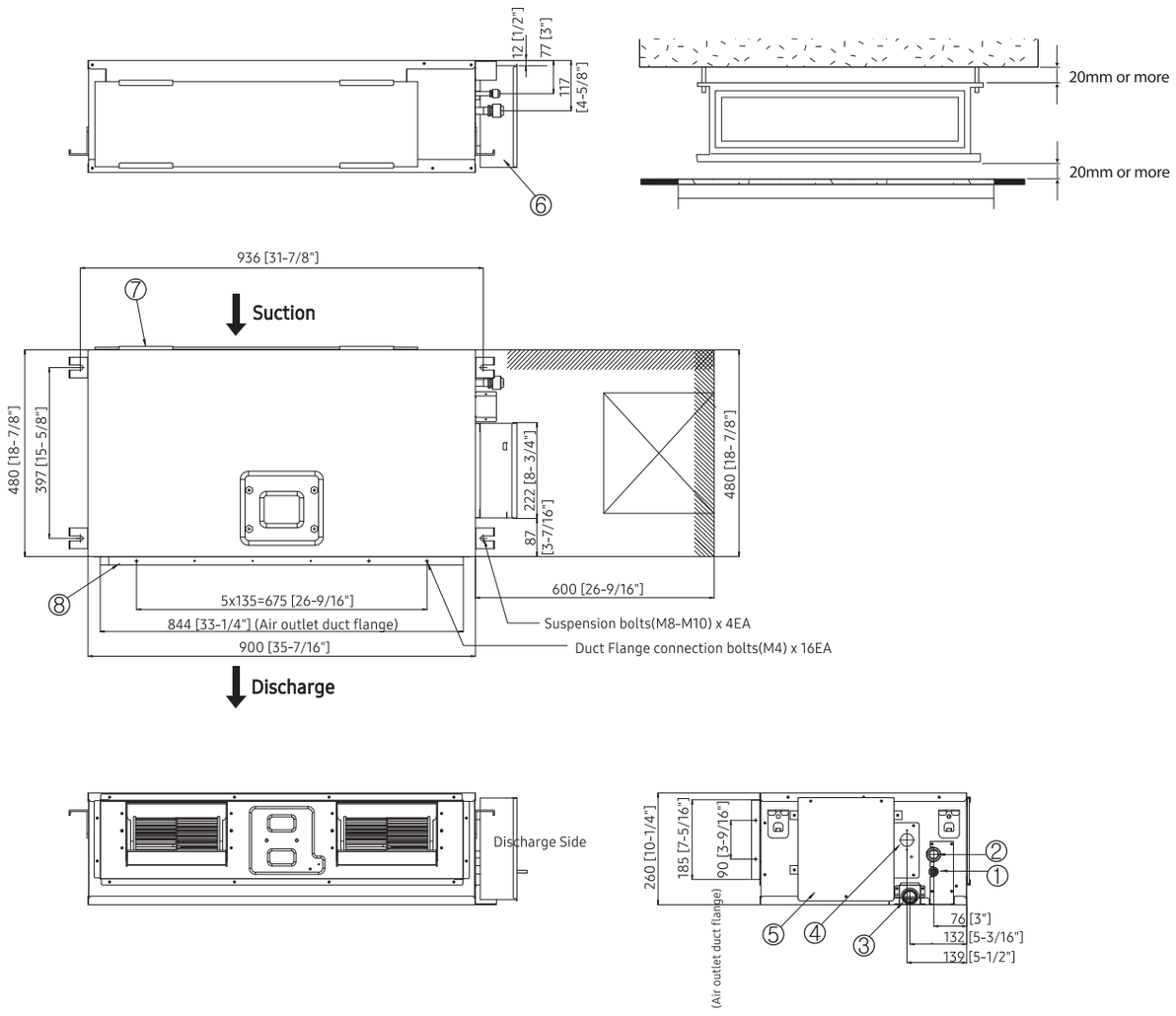
NJ***LHXEA



Pos.	Name	Description
1	Gas pipe connection	Φ9.52(3/8)
2	Liquid pipe connection	Φ6.35 (1/4)
3	Drain pipe connection	VP-25 (OD 32, ID 25)
4	Knockout hole for drain pump	Option kit
5	Conduit for power supply & communication wiring	-
6	Air outlet duct flange	-

MSP Duct

MH052FUEA



No	Name	Description
1	Liquid pipe connection	Φ6.35 (1/4)
2	Gas pipe connection	Φ12.70(1/2)
3	Drain pipe connection	VP-25 (OD 32, ID 25)
4	Knockout hole for Drain pump	Option kit
5	Control unit	-
6	Conduit for power supply & Communication wiring	-
7	Return air side	-
	Air outlet duct flange	-

EVERM
OTION
VKCNR
KCRHN
ZKDVC
HVORK

Specifications

Outdoor Units (R32)

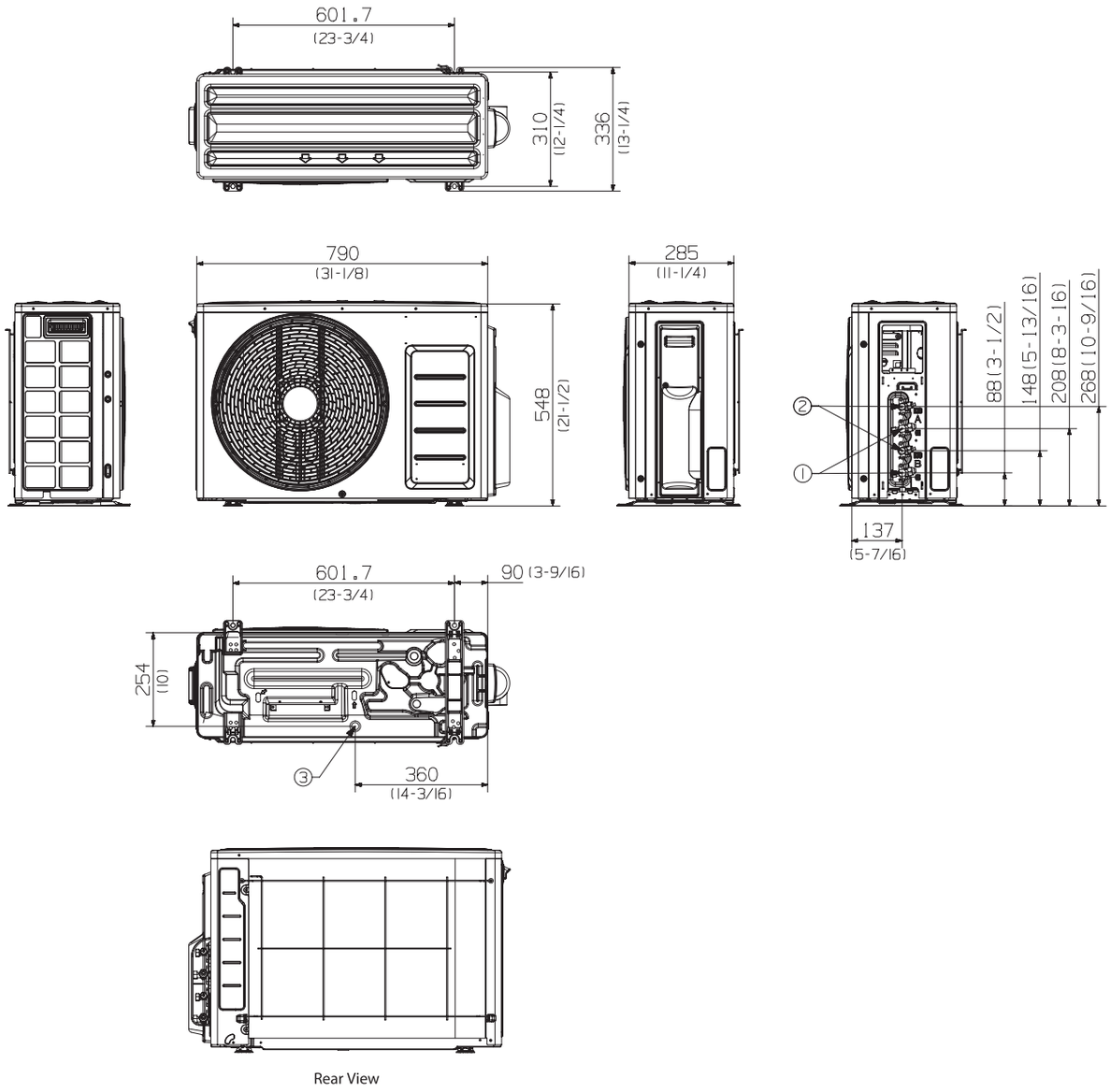


Model Name				AJ040NCJ2EG/EU	AJ050NCJ2EG/EU
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance	Capacity	Cooling	kW	4,0	5,0
		Heating		4,2	5,6
Maximum number of connectable Indoor Units			EA	2	2
Power	Power Input	Cooling	kW	0,9	1,22
		Heating		0,9	1,28
	Current Input	Cooling	A	4,1	5,6
		Heating		4,1	5,9
	Current	MCA	A	9,8	11,8
		MFA		11,25	13,75
Efficiency	EER	Cooling	W/W	4,44	4,1
	COP	Heating	W/W	4,67	4,38
	SEER (Grade)		W/W	8.54 (A+++)	8.54 (A+++)
	SCOP (Grade)		W/W	4.64 (A++)	4.64 (A++)
Compressor	Type		-	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter
	Output		kW x n	4.09 x 1	4.09 x 1
	Oil	Type	-	ESTER OIL VG74	ESTER OIL VG74
		Initial Charge	cc	350	350
Fan	Type		-	Propeller Fan	Propeller Fan
	Discharge direction		-	Horizontal	Horizontal
	Quantity		EA	1	1
	Airflow Rate		m^3/min	29,7	33,05
			l/s	494	551
Fan Motor	Model		-	BLDC	BLDC
	Output x n		W	40 x 1	40 x 1
Piping Connections	Liquid Piping		Type	Flare connection	Flare connection
			Φ, mm x EA	6.35 x 2	6.35 x 2
			Φ, inch x EA	1/4" x 2	1/4" x 2
	Gas Piping		Type	Flare connection	Flare connection
			Φ, mm x EA	9.52 x 2	9.52 x 2
			Φ, inch x EA	3/8" x 2	3/8" x 2
	Installation Limitation	Total Piping Length	m	30	30
		Max. Length (ODU~IDU)	m	25	25
		Max. Height (IDU~IDU)	m	7,5	7,5
		Max. Height (ODU~IDU)	m	15	15
Wiring Connections	Communication	Min.	mm2	0,75	0,75
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32
	Factory Charging		kg	0,98	1,18
			tCO2e	0,66	0,8
Sound	Sound Pressure	Cooling		45	46
		Heating	dB(A)	46	47
	Sound Power			60	61
External Dimension	Net Weight		kg	32	33
	Net Dimensions (WxHxD)		mm	790 × 548 × 285	790 × 548 × 285
Operating Temp. Range	Cooling		℃	-5 ~ 46	-5 ~ 46
	Heating		℃	-15 ~ 24	-15 ~ 24

Dimensional Drawings

Outdoor Units (R32)

AJ***NCJ2EG/EU



Rear View

No.	Name	Description
1	Refrigerant gas pipe	Φ9.52 (Φ3/8)
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4)
3	Drain hole	Connection with the provided drain plug.

Specifications

Outdoor Units (R410A)





Model Name					AJ040MCJ2EH/EU	AJ050MCJ2EH/EU	AJ052MCJ3EH/EU
Power Supply				Φ, #, V, Hz	1,2,220~240,50	1,2,220~240,50	1,2,220~240,50
Performance	Capacity	Cooling		kW	4	5	5,2
		Heating			4,4	5,7	6,3
Power	Maximum number of connectable Indoor Units			EA	2	2	3
	Power Input	Cooling		kW	1,02	1,32	1,35
		Heating			0,99	1,35	1,4
	Current Input	Cooling		A	4,7	6	6,2
		Heating			4,5	6,2	6,4
	Current	MCA		A	9,8	11,8	12,2
		MFA		A	11,25	13,75	13,75
COP	Cooling			W/W	3,92	3,79	3,85
	Heating			W/W	4,44	4,22	4,5
	SEER (Grade)			W/W	6,8	6,4	6,4
	SCOP (Grade)			W/W	4,3	4,01	4
Compressor	Type			-	Single BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter
	Output			kW x n	2.696 x 1	4.572 x 1	4.572 x 1
	Oil	Type		-	POE	POE	POE
		Initial Charge		cc	320	500	500
Fan	Type			-	Propeller Fan	Propeller Fan	Propeller Fan
	Discharge direction			-	Horizontal	Horizontal	Horizontal
	Quantity			EA	1	1	1
	Airflow Rate			CMM	29,7	33,1	38
				l/s	494	551	633
Fan Motor	Model			-	BLDC	BLDC	BLDC
	Output x n			W	40 x 1	40 x 1	40 x 1
Piping Connections	Liquid Pipe			Type	Flare connection	Flare connection	Flare connection
				Φ, mm x EA	6.35 x 2	6.35 x 2	6.35 x 3
				Φ, inch x EA	1/4" x 2	1/4" x 2	1/4" x 3
	Gas Pipe			Type	Flare connection	Flare connection	Flare connection
				Φ, mm x EA	9.52 x 2	9.52 x 1 + 12.7 x 1	9.52 x 2 + 12.7 x 1
				Φ, inch x EA	3/8" x 2	3/8" x 1 + 1/2" x 1	3/8" x 2 + 1/2" x 1
	Installation Limitations	Max. Length	Total	m	30	30	50
			OD~ID	m	20	20	20
		Max. Height	OD~ID	m	15	15	15
			ID~ID	m	7,5	7,5	7,5
Wiring Connections	Communication	Minimum		mm2	0,75	0,75	0,75
		Remark		-	F1,F2	F1,F2	F1,F2
Refrigerant	Type			-	R410A	R410A	R410A
	Factory Charging			kg	1,2	1,6	1,9
				tCO2e	2,51	3,34	3,97
Sound	Sound Pressure	Cooling			45	46	46
		Heating		dB(A)	47	47	47
	Sound Power				61	61	61
External Dimension	Net Weight			kg	31	36,4	44
	Net Dimensions (WxHxD)			mm	790 × 548 × 285	790 × 548 × 285	880 x 638 x 310
Operating Temp. Range	Cooling			℃	-5 ~ 46	-5 ~ 46	-5 ~ 46
	Heating			℃	-15 ~ 24	-15 ~ 24	-15 ~ 24



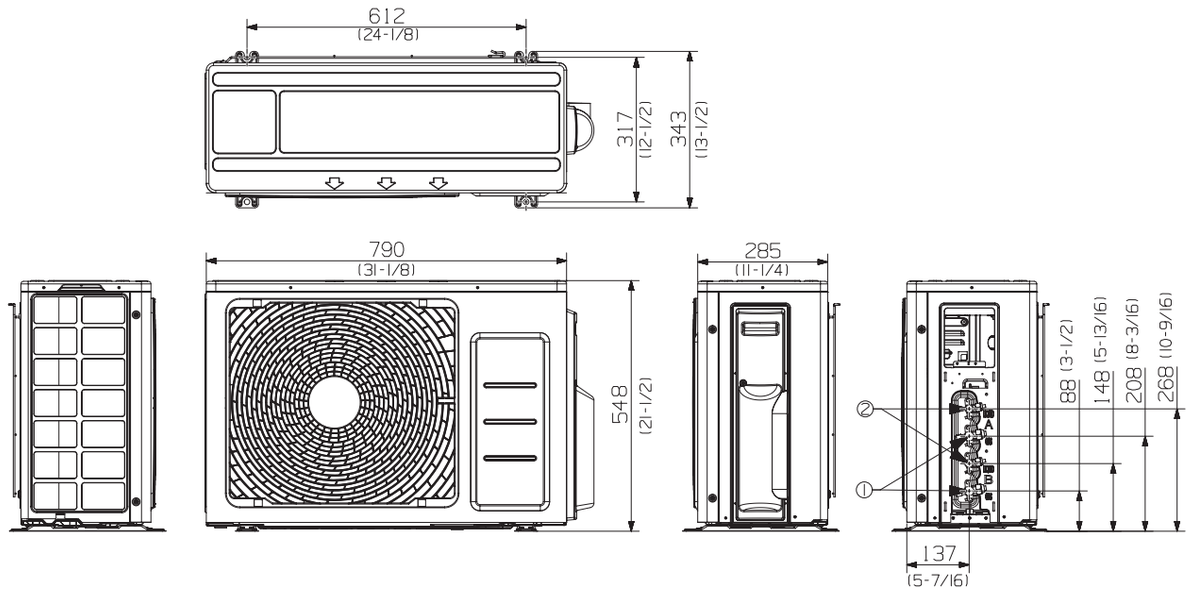


AJ068MCJ3EH/EU	AJ070MCJ4EH/EU	AJ080MCJ4EH/EU	AJ100MCJ5EH/EU
1,2,220~240,50	1,2,220~240,50	1,2,220~240,50	1,2,220~240,50
6,8	7	8	10
8	8,6	9,3	12
3	4	4	5
2	1,9	2,3	2,9
1,91	2	2,2	2,93
9,2	8,7	10,5	13,3
8,7	9,2	10,1	13,4
15,5	18,7	18,7	26,2
17,5	20,75	20,75	28,8
3,4	3,68	3,68	3,45
4,19	4,3	4,3	4,1
6,1	5,6	5,3	6,1
4	3,8	3,8	4
Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter
5.919 x 1	7.766 x 1	7.766 x 1	9.171 x 1
POE	POE	POE	PVE
650	650	700	1200
Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
Horizontal	Horizontal	Horizontal	Horizontal
1	1	1	1
47,5	44,8	45,4	70,6
792	747	757	1176
BLDC	BLDC	BLDC	BLDC
124 x 1	124 x 1	124 x 1	125 x 1
Flare connection	Flare connection	Flare connection	Flare connection
6.35 x 3	6.35 x 4	6.35 x 4	6.35 x 5
1/4" x 3	1/4" x 4	1/4" x 4	1/4" x 5
Flare connection	Flare connection	Flare connection	Flare connection
9.52 x 1 + 12.7 x 2	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 2	9.52 x 2 + 12.7 x 3
3/8" x 1 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 2	3/8" x 2 + 1/2" x 3
50	70	70	80
20	25	25	25
15	15	15	15
7,5	7,5	7,5	7,5
0,75	0,75	0,75	0,75
F1,F2	F1,F2	F1,F2	F1,F2
R410A	R410A	R410A	R410A
2,2	2,8	2,8	3,3
4,59	5,85	5,85	6,89
48	48	49	54
49	49	50	56
64	64	64	70
55,6	62	62	77
880 x 793 x 310	880 x 793 x 310	880 x 793 x 310	940 x 998 x 330
-5 ~ 46	-5 ~ 46	-5 ~ 46	-10 ~ 46
-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

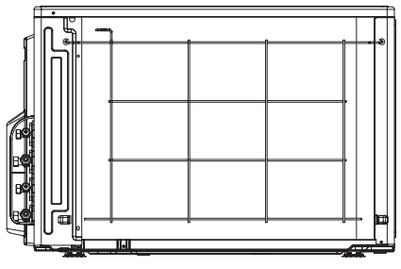
Dimensional Drawings

Outdoor Units (R410A)

AJ040/050MCJ2EH✻✻



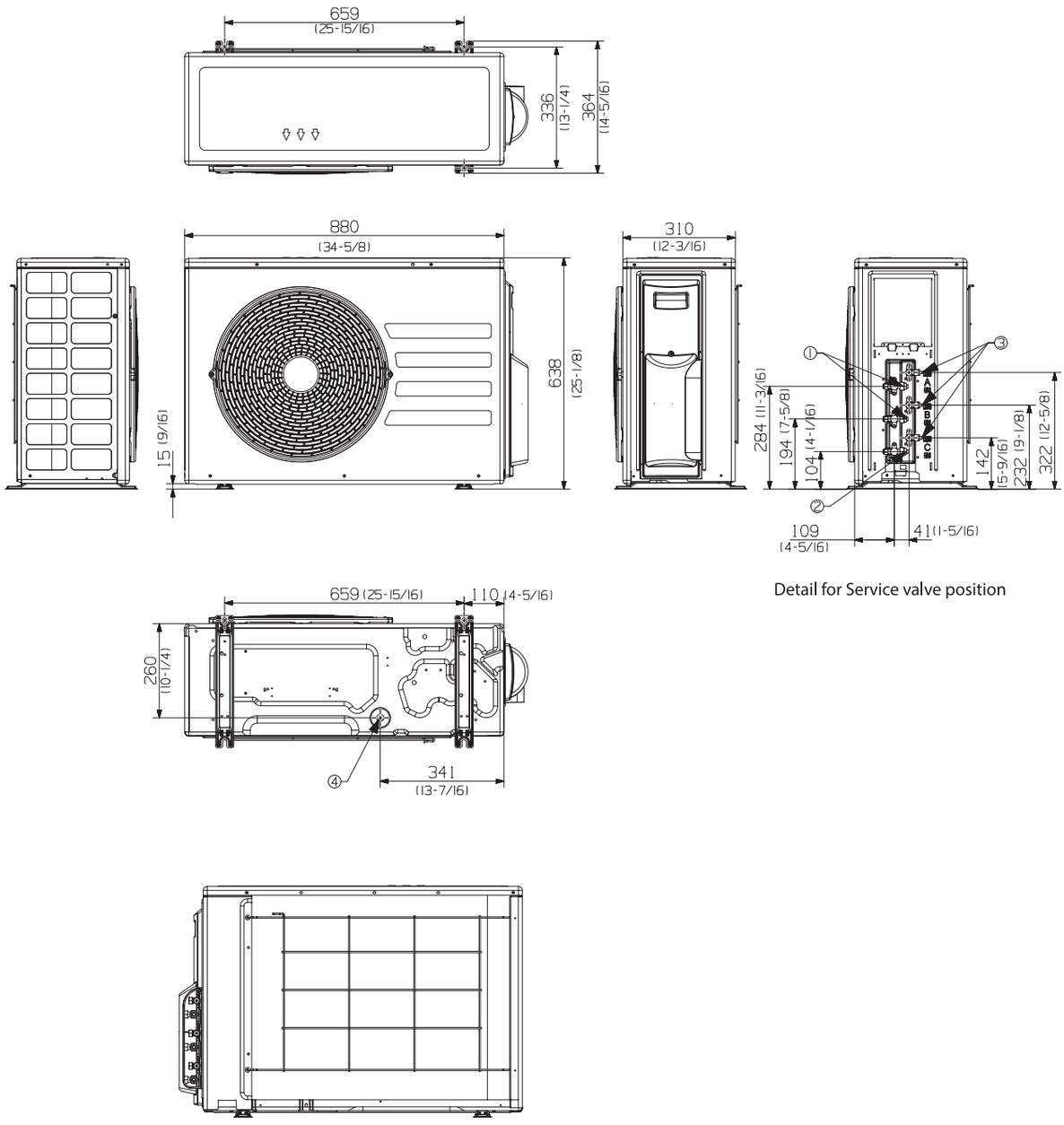
Detail for Service valve position



Rear View

No.	Name	Description	
		AJ040/MCJ2EH✻✻	AJ050MCJ2EH✻✻
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x 2EA	Φ12.7 (Φ1/2) x 1EA Φ9.52 (Φ3/8) x 1EA
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4) x 2EA	
3	Drain hole	Connection with the provided drain plug.	

AJ052MCJ3EH**

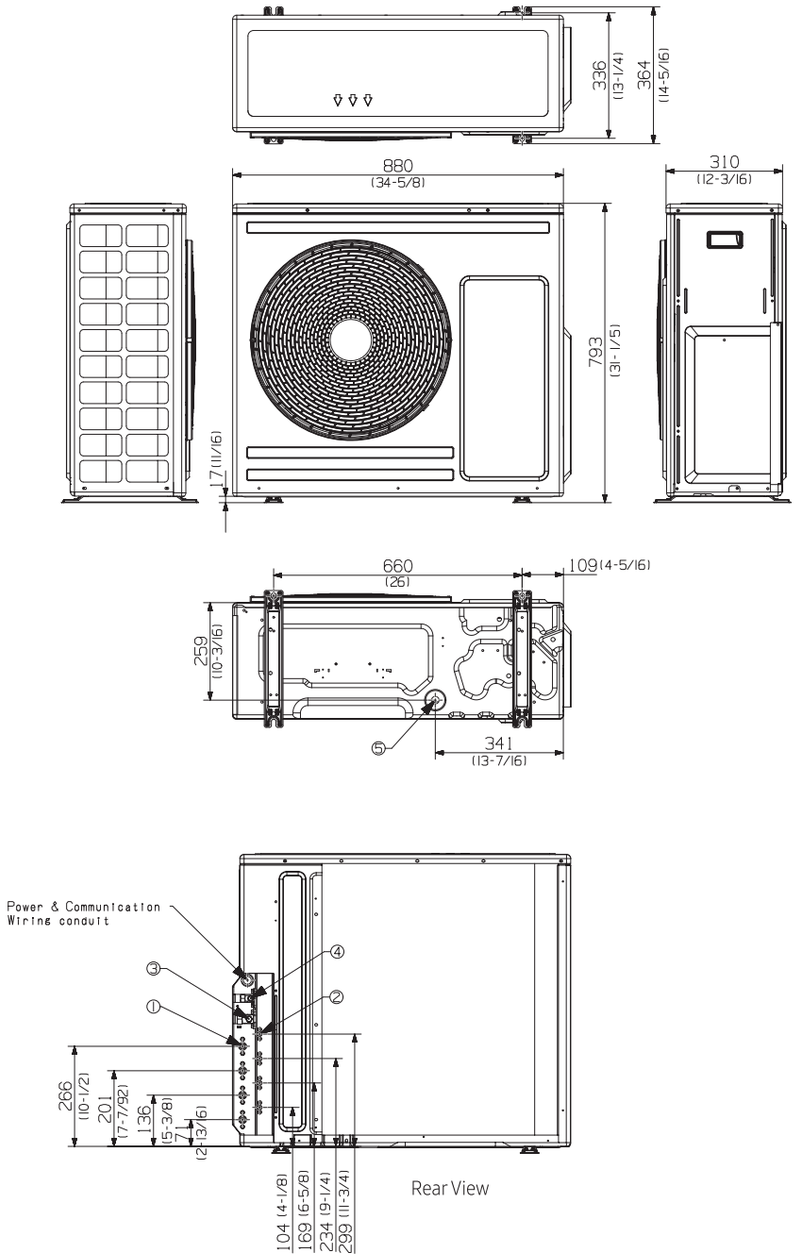


Detail for Service valve position

No.	Name	Description
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) X 2EA
2		2 Φ12.7 (Φ1/2) X 1EA
3	Refrigerant liquid pipe	Φ6.35 (Φ1/4) X 3EA
4	Drain hole	Connection with the provided drain plug.

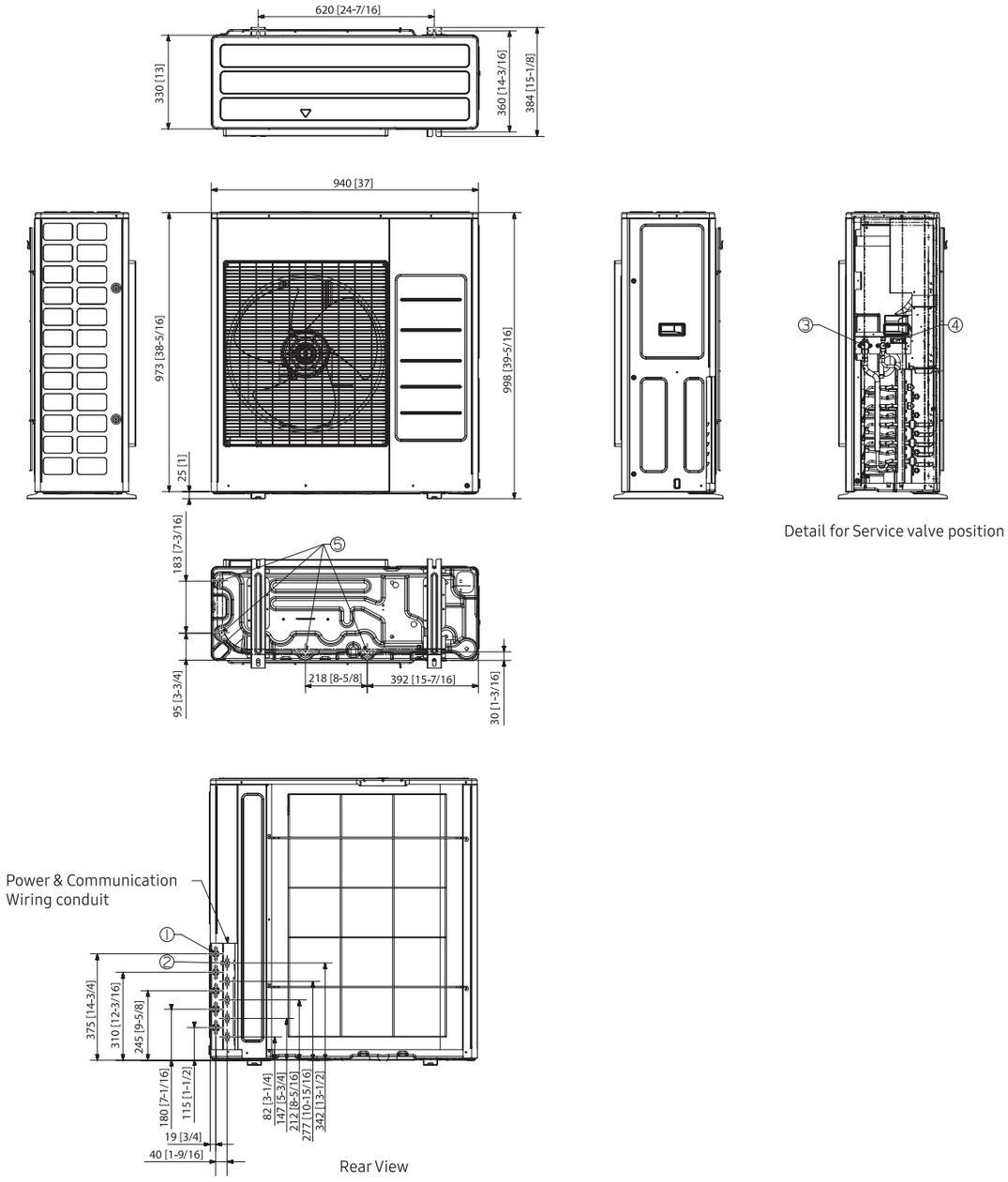
Outdoor Units (R410A)

AJ068MCJ3EH✻✻, AJ070/080MCJ4EH✻✻



No.	Name	Description		
		AJ068MCJ3EH✻✻	**AJ070MCJ4EH✻✻**	**AJ080MCJ4EH✻✻**
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x 1EA, Φ12.7 (Φ1/2) x 2EA	Φ9.52 (Φ3/8) x 2EA, Φ12.7 (Φ1/2) x 2EA	
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4) x 3EA	Φ6.35 (Φ1/4) x 4EA	
3	Service vlave (gas)	K-Type 5/8”		
4	Service vlave (liquid)	T-Type 3/8”		
5	Drain hole	Connection with the provided drain plug.		

AJ100MCJ5EH**



No.	Name	Description
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x 2EA, Φ12.7 (Φ1/2) x 3EA
2	Refrigerant liquid pipe	Φ6.35 (Φ1/4) x 5EA
3	Service vlave (gas)	5/8”
4	Service vlave (liquid)	3/8”
5	Drain hole	Connection with the provided drain plug.

