

SAMSUNG

Climate Solutions



Product Catalogue

Residential &
Light Commercial

2019

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The information contained in this document may include either preliminary values, or may have missing values which were not yet available at time of creation. Please consult the Samsung Climate Solutions Partner Portal on partnerhub.samsung.com/climate, or your direct Samsung contact person, for obtaining the latest information.

About Samsung Climate Solutions

Samsung Electronics has come a long way since introducing its first air conditioner in 1974. Since entering the European market for commercial air conditioning in 2005, we have experienced rapid growth and support for our expanding global operations in climate systems. Samsung Electronics Co., Ltd. opened Samsung Electronics Air Conditioner Europe B.V. in Amsterdam at the start of 2017. Staff at our European headquarters and local subsidiaries strive to provide the best level of service and support to our partners across more than 30 European countries, in order to achieve mutual growth and success going forward.

It is our focus at Samsung to provide cutting-edge innovations in climate-based initiatives, as well as lasting digital connectivity solutions. Samsung is proud to offer ongoing training, technical support and unique distribution operations, and prides itself on fulfilling the needs of the European market when it comes to cooling, heating, domestic hot water, ventilation and smart building solutions, particularly across retail, hotel, office and home environments.



17

Samsung Offices

8

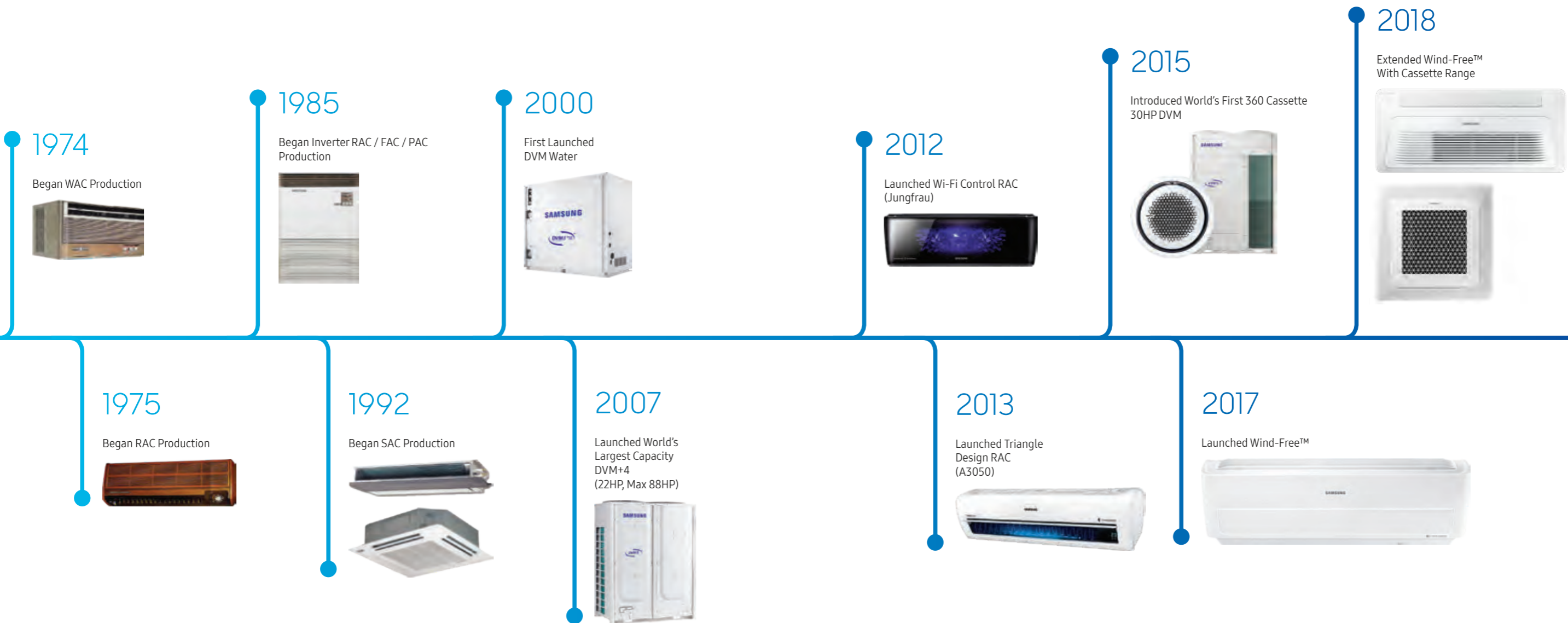
Warehouses

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Innovation Milestones

Samsung has been manufacturing air conditioners and challenging the status quo of the industry for over 40 years. Thanks to cutting-edge innovations in design and technology, we will continue to aspire to be a leader in the cooling and heating industry in the years to come.



Reference Sites

From a shopping centre in Albania to an office building in Poland, Samsung is proud to have brought innovative climate solutions to Europe, without compromising on interior design. In fact, some of our achievements prove that functional indoor units can bring exciting modern touches to historic spaces.



Spire Tower
Warsaw, Poland



Toptani Plaza
Shopping
Tirana, Albania



Shopping Centre
Venice, Italy



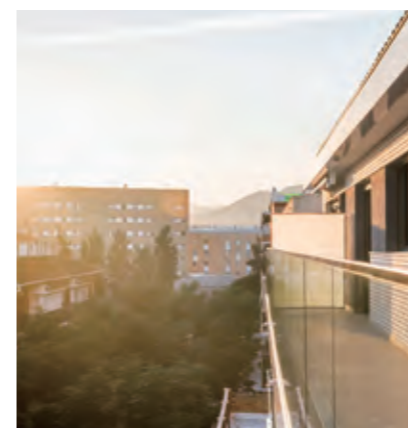
Residential
Apartments
Barcelona, Spain



Mr Brown
Restaurant
Milan, Italy



Hotel
Dijon, France



Office Building
Edam,
The Netherlands



Protecting The Environment

Samsung endeavours to comply with international environmental standards, European and national laws and regulations across its global business operations. Samsung will actively attempt to minimise the generation of harmful materials, utilise resources efficiently and recycle waste products for the benefit of the environment. Samsung will do its best to conduct environmental improvement activities across all product development, production, distribution, sales and disposal processes.



WEEE: Electronic Waste

Samsung work within the WEEE (Waste of Electrical and Electronic Equipment) regulations, which forms the Directive for extended producer responsibility. This Directive stipulates the safe collection, treatment, recycling and environmentally-sound disposal of all electrical and electronic equipment. Working with collective recycling schemes in each EU member state, Samsung co-finances the take-back and recycling of electronic products.

Packaging

Samsung works together with recycling schemes and governmental organisations to collect, separate and re-use all packaging materials at various points in the distribution chain. Many materials can be recycled into new products and recycling helps to save natural resources. Recycling packaging helps to re-use valuable raw materials and to reduce the overall impact on the environment.

Batteries

Samsung has been giving new life to used batteries by funding collection, treatment and recycling by local battery recycling organisations.

Ecodesign

Samsung complies with the Ecodesign regulations, issued in March 2012, which require electric air conditioners (<12kW) and comfort fans (<125W) within the EU to display detailed, highly visible information regarding energy efficiency, plus information on Coefficient of Performance (COP), Energy Efficiency Ratio (EER) and annual energy consumption (kW/h).

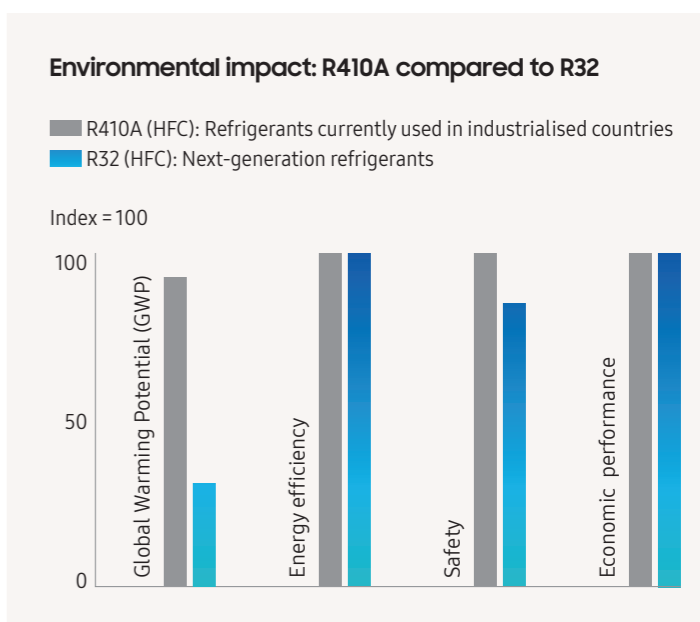
Addressing Global Warming With R32 Refrigerant



Following the introduction of EU legislation on the reduction of F-gas emissions, Samsung presents a new range of air conditioners for 2019 across Residential (RAC), Commercial (CAC) and Multi Split (FJM) models. All feature R32 refrigerant. R32 has a Global Warming Potential (GWP) of 675, which is significantly lower than the GWP of R410A (2088).

These new products are more environmentally-friendly than their R410A-based predecessors. While refrigerants are an essential part of air conditioning, R32 reduces environmental impact by 68%* in comparison with R410A (if leaked into the atmosphere), is non-toxic and easy to recycle. It has an Ozone Depletion Potential (ODP) of zero, a high refrigeration capacity and thermal conductivity, meaning maximum efficiency and a 30% reduction in charging volume.

* Comparison between R410A and R32 GWP figures as per reporting from the European Commission



Making Energy Efficiency Clear

Since 1st January 2013, all air conditioners with a rated capacity of ≤ 12 kW for cooling or heating have featured an energy label indicating their energy efficiency in compliance with EU Regulation No. 626/2011 (Lot 10). As of January 2019, the energy efficiency scale has changed: the new range will be from A+++ to D, with A+++ being the most efficient and D being the least efficient.

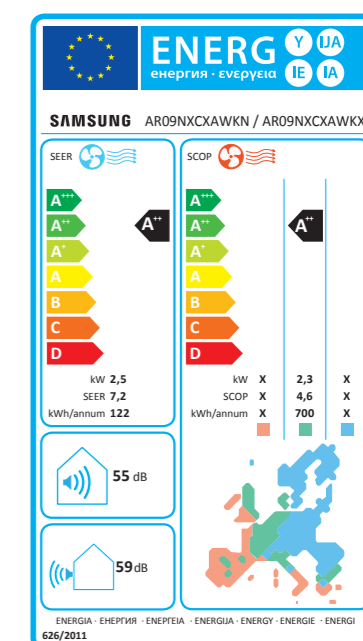
The energy label should provide minimum necessary information such as the product model code, energy efficiency class, average annual energy consumption, SCOP and/or SEER values and noise level.

The energy efficiency class is determined by measurements and calculations and should fall within the ranges indicated by the table below.

Energy Efficiency Class	SEER (Cooling)	SEER (Heating)
A+++	SEER ≥ 8.50	SCOP ≥ 5.10
A++	6.10 ≤ SEER < 8.50	4.60 ≤ SCOP < 5.10
A+	5.60 ≤ SEER < 6.10	4.00 ≤ SCOP < 4.60
A	5.10 ≤ SEER < 5.60	3.40 ≤ SCOP < 4.00
B	4.60 ≤ SEER < 5.10	3.10 ≤ SCOP < 3.40
C	4.10 ≤ SEER < 4.60	2.80 ≤ SCOP < 3.10
D	3.60 ≤ SEER < 4.10	2.50 ≤ SCOP < 2.80

Except single duct and double duct air conditioners.

New Energy Label as of January 2019



Samsung Climate Solutions Partner Portal

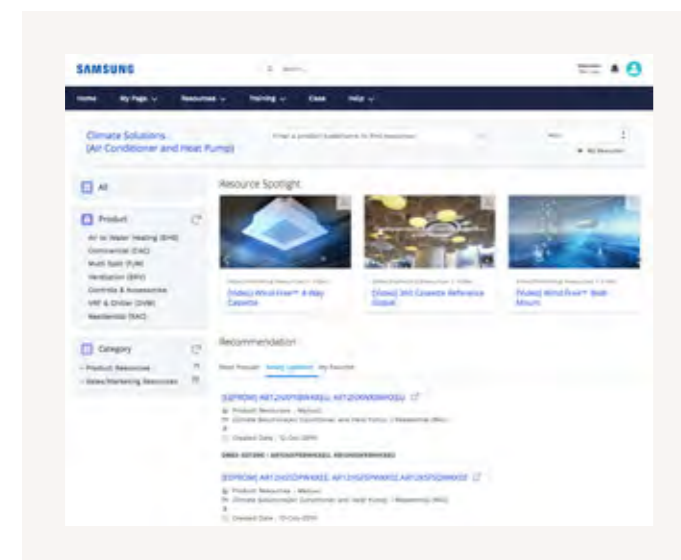
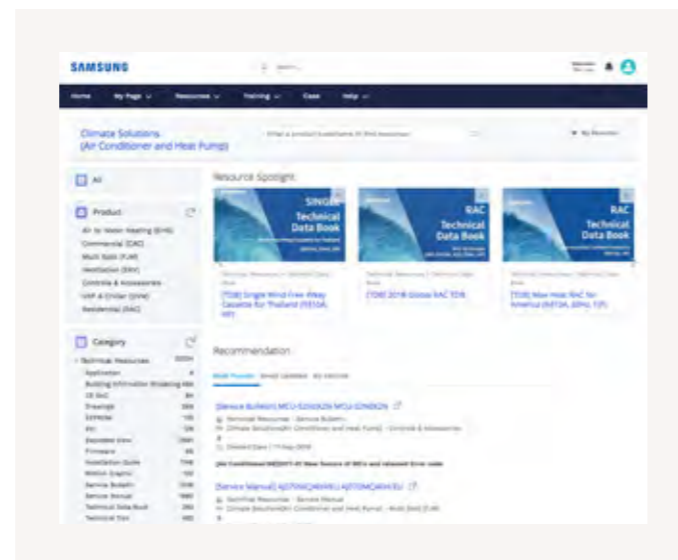


A Resource Bank For All Things Samsung

As one of Samsung's registered Climate Solutions partners, you will have access to our Partner Portal and its many benefits. Whether you are looking for marketing materials or technical product documentation, requesting technical support or subscribing for training, the Samsung Climate Solutions Partner Portal offers you everything you need to consistently deliver the best results.

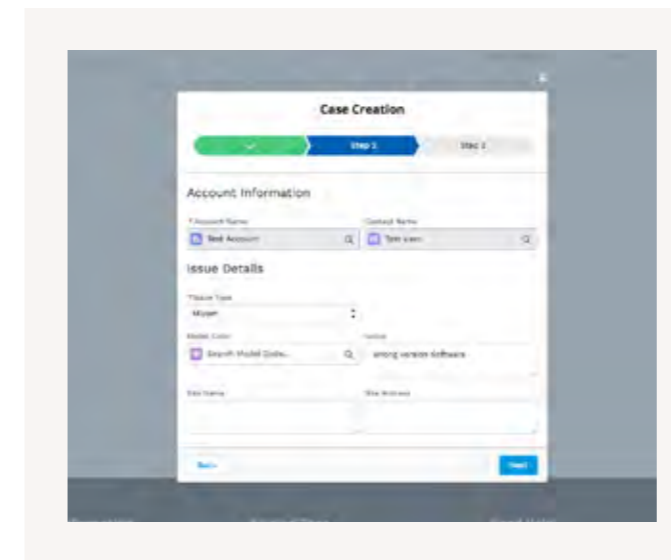
Access Technical Resources

The Technical Resources section allows you to find all relevant information to understand the product's functionality and to prepare and design projects. Ranging from technical data books, BIM files and certificates to exploded views, drawings and different kinds of manuals, a library full of technical information is at your fingertips.



Obtain Marketing Resources

Potential buyers like to know you are on the cutting edge of Samsung's latest innovations. To allow you to align with Samsung's marketing initiatives, the Partner Portal provides you with useful downloadable assets such as images and videos, designed to make your marketing activities easy and effective.

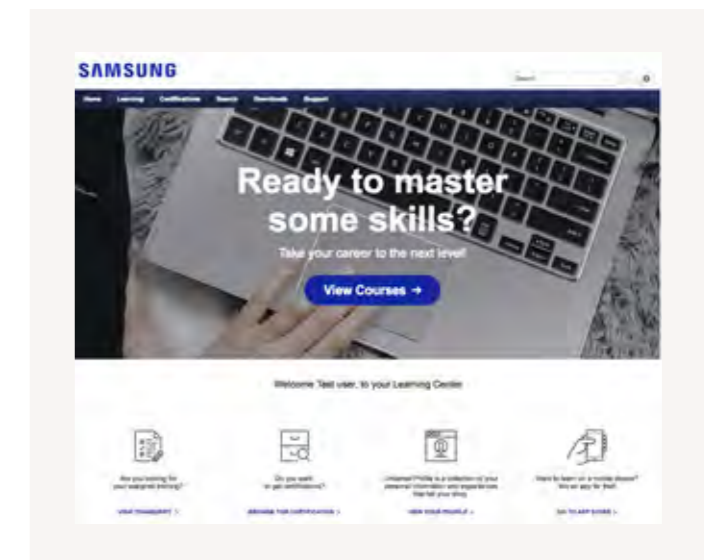


Request Technical Support

Through the Samsung Partner Portal you can easily request technical support by raising your case using our built-in ticketing system. You can rest assured that our well-trained technical experts will work to solve your issue as soon as possible.

Register for Training

If you are dedicated to becoming a Samsung climate solutions expert, you can access Samsung's educational portal for training sessions by experienced trainers. The portal allows you to search for online courses and materials, test your climate solutions knowledge, and more. The Samsung Business Academy is here to help you succeed.*



* The registration process and availability of training courses may differ per country. Please contact your direct Samsung contact person for more information.

How To Access



To register for the Samsung Climate Solutions Partner Portal, open your web browser* and go to partnerhub.samsung.com/climate to complete the registration form.

Your information will be verified and your account will be activated. You will receive your personal login credentials.

Keep your account details up to date and invite your colleagues to join.

Access a full library of resources, request technical support, or sign up for a Climate Solutions Academy training session.

* The recommended web browser for using the Samsung Climate Solutions Partner Portal is Google Chrome.



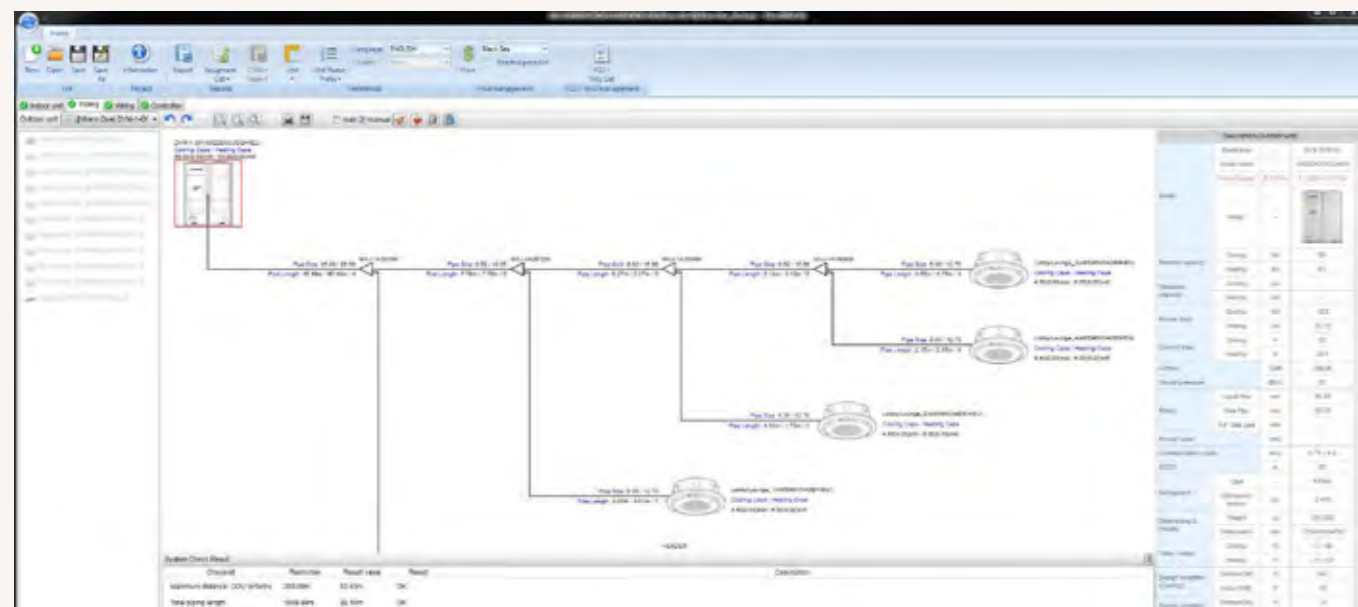
Samsung DVM-Pro

Samsung Design and Selection Software

Samsung DVM-Pro is an advanced design automation program which helps you to select the most suitable equipment for easily and precisely designing your air conditioning system. It helps to ensure that the system's design is within Samsung's engineering guidelines. Exporting of reports, pipe and wire diagrams, additional refrigerant values and other information make Samsung DVM-Pro a powerful tool for you as engineer, designer or installer.

Sales Mode

Sales Mode enables users to define their requirements and select air conditioning products quickly and easily.



Product Selection
List of equipment, including indoor units, outdoor units, controls and accessories

Piping Schematics
Basic or manual selection with system check and capacity simulation

Reports
Specifications, diagrams with DWG & BMP format, quotation

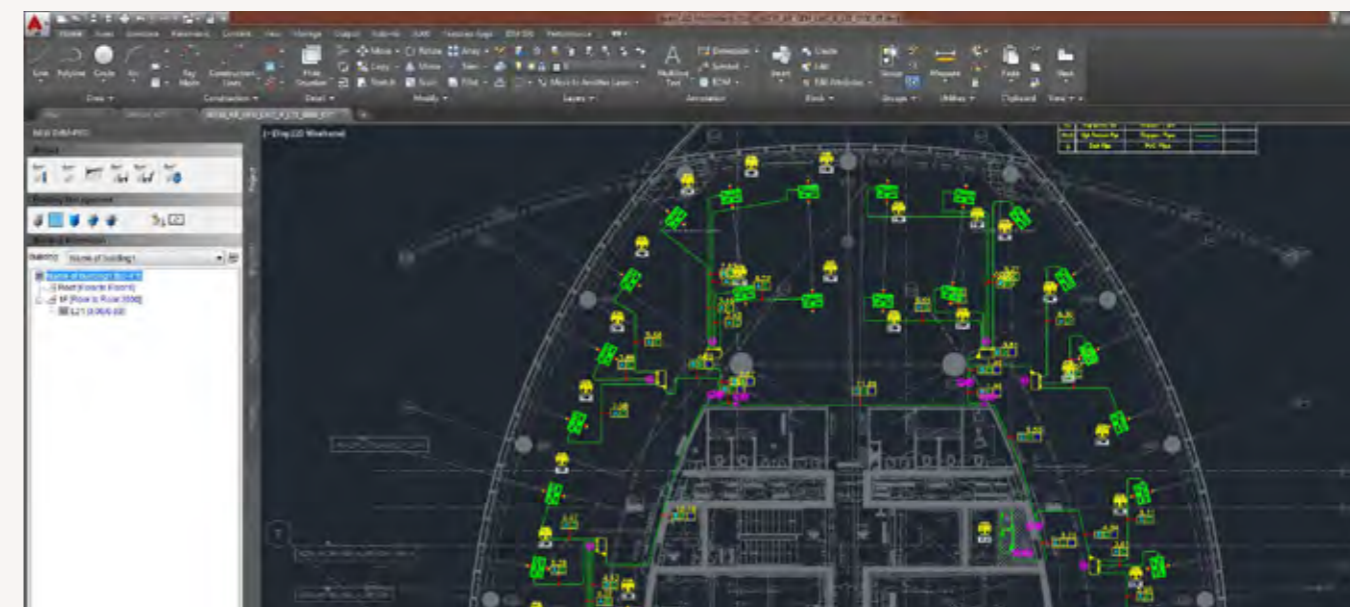
Control Systems
Automatic control unit selection

Wiring Schematics
Automatic diagram with communication wiring of indoor/outdoor/control units and electric power meters

CAD Mode

CAD Mode is an in-depth and precise design tool, enabling users to design their air conditioning system using AutoCAD software*.

* Sourced separately.



Pipe Sizing & Lengths
Refrigerant & drain pipe sizing

System Check
Installation regulation & refrigerant charging

Automatic Selection
Refnet joint, header & distributor kit

Performance Simulation
Capacity correction tool against specific design conditions

Automatic Report
Piping installation

How To Access



Register

Go to partnerhub.samsung.com/climate to access the Samsung Climate Solutions Partner Portal*. If you do not have access yet, simply complete the registration process and you will be sent access details.



Select tools

Go to Technical Resources via the main menu and select the option Design Tools from the sub menu.



Download

Download the DVM-Pro installation file, view the user manuals, and start the design of your project.

* The recommended web browser for using the Samsung Climate Solutions Partner Portal is Google Chrome.

Samsung Climate Solutions Academy

Become A Samsung Climate Solutions Expert

Samsung Climate Solutions Academy is committed to providing engineers with the technical skills required to install a Samsung product efficiently, and to help relay necessary information to users. All courses are designed to provide attendees with the opportunity to develop both theoretical and practical knowledge of Samsung's vast range of equipment and solutions.

Samsung Training Centres in Europe



Available Training Modules

Essential Courses: Basic Commercial Training

- The product line-up, accessories and available controls
- The unique characteristics of Samsung products
- Installation considerations

Advanced Courses: Technical Training

- How to correctly install and configure a system
- Commissioning: Common issues during commissioning and how to resolve any challenges
- Troubleshooting and fault finding (by use of E-codes)
- Control logic
- Case studies

Advanced Courses: Design Training

- Understanding customers' needs and offering possible solutions
- DVM-Pro - Samsung's advanced design tool
- Case studies

Note: the registration process and availability of training courses may differ per country. Please contact your direct Samsung contact person for more information.

How To Register For Training



Search

To check for available training courses, go to Samsung Business Academy (SBA) via the Samsung Climate Solutions Partner Portal*: partnerhub.samsung.com/climate. Search the online event calendar and select the training course you would like attend.



Register

When you have identified the training course you would like attend, follow the registration process. Once you have registered successfully you will receive a confirmation e-mail.



Get Certified

Once we have confirmed your registration, we will welcome you to one of our training centres. You will be trained by one of our specialised Master Trainers or Product Specialists, and receive a Certificate of Completion.

* The recommended web browser for using the Samsung Climate Solutions Partner Portal is Google Chrome.

Product Introduction



Product Categories

Samsung Climate Solutions provides high performance and efficiency to ensure residential and commercial environments are perfectly tempered, healthy and comfortable – all while keeping costs down. Our intelligent, high-capacity air conditioning systems offer just the right climate solution for any application.



Residential

Residential Air Conditioner (RAC)

An RAC system is easily installed and connects one indoor unit to an outdoor unit. This is the ideal solution for managing the climate in a single room.

Multi Split

Free Joint Multi (FJM)

An FJM system is the ideal solution for residential and light commercial spaces in which there are multiple rooms to cool. A single outdoor unit can be connected to up to five indoor units.



Commercial

Commercial Air Conditioner (CAC)

Retail spaces, offices and restaurants can all have the ideal climate, thanks to CAC products designed for large areas. As well as being aesthetically pleasing, multiple indoor units can work as one, making climate management even easier.



Controls

Using a variety of fully integrated control solutions, users can manage multiple functions of an individual climate system, or entire groups of indoor units from a central point.

Accessories

To complete your system, Samsung offers a wide range of accessories, from cassette panels to piping connectors.



Product Range

Wall-Mounted Type



Wind-Free™



AR5500



Maldives



Boracay

Cassette Type



360 Cassette



Wind-Free™
(Mini) 4-Way Cassette



Wind-Free™
1-Way Cassette

Duct Type



Low Static Pressure



Duct S



Medium Static Pressure



High Static Pressure



Big Duct

Floor-Ceiling & Console Type



Packaged Floor



Floor Concealed



Console



Ceiling



Floor / Ceiling

Multi Split Systems



R32

Light Commercial Split Systems



2.6 - 25 kW

Controllers



Wireless



Wired



Centralised

Product Nomenclature

Residential Units

AR 24 R X C X A WK N
 1 2 3 4 5 6 7 8

1	Classification	AR	Residential Air Conditioner (RAC)
2	Capacity		x1000 Btu/h
3	Year	K	2016
		M	2017
		N	2018
		R	2019
4	Product Type	S	Inverter R410A
		X	Inverter R32
5	Characteristics	S	SPi Ionizer
		F	No Wi-Fi + No SPi Ionizer
		C	Wi-Fi + SPi Ionizer + PM2.5 Filter
		P	Wi-Fi + SPi Ionizer
		W	Wi-Fi
6	Product Name	D	Better
		F	Best
		N	Normal
		S	Standard
		O	Maldives
		H	Boracay
7	Colour	X	Wind-Free™
		WK	Twilight White
		UR	Blue
8	Unit Type	WQ	DA White
		N	Indoor Unit
		X	Outdoor Unit

Multi Split Indoor Units

AJ 026 R B N D E G
 1 2 3 4 5 6 7 8

1	Classification*	AJ	Multi Split - Free Joint Multi (FJM)
2	Capacity		x1/10 kW (3 digits)
3	Year	K	2016
		M	2017
		N	2018
		R	2019
4	Product Type	B	Indoor Unit (Non NASA)
		N	Wind-Free™ Mini 4-Way Cassette
5	Product Notation	J	Console
		"I"	Wind-Free™ 1-Way Cassette (Slim)
		L	Low Static Pressure Duct (Slim Duct)
		M	Medium Static Pressure Duct
6	Product Type	D	Deluxe
7	Rating Voltage	E	1Ø, 220-240V, 50Hz
8	Mode	H	Heat Pump (R410A)
		G	Heat Pump (R32)

* Wall-Mounted indoor units follow the same model codes as the Residential type

** R410A LSP Slim Duct, MSP Duct and Console use different model code types***

*** LSP Slim Duct = NJ***LHXEA / MSP Duct = MH052FUEA / Console = MH***FJEA

Multi Split Outdoor Units

AJ 100 R C J 5 E G
 1 2 3 4 5 6 7 8

1	Classification	AJ	Multi Split - Free Joint Multi (FJM)
2	Capacity		x1/10 kW (3 digits)
3	Year	K	2016
		M	2017
		N	2018
		R	2019
4	Product Type	C	Indoor Unit (Non NASA)
5	Product Notation	J	FJM
6	Maximum Number of Connectable Indoor Units	2	2 Units
		3	3 Units
		4	4 Units
		5	5 Units
7	Rating Voltage	E	1Ø, 220-240V, 50Hz
8	Mode	H	Heat Pump (R410A)
		G	Heat Pump (R32)

Product Nomenclature

Light Commercial Indoor Units

AC 120 R N 4 P K H
 1 2 3 4 5 6 7 8

1	Classification*	AC	Multi Split - Free Joint Multi (FJM)
2	Capacity		x1/10 kW (3 digits)
3	Year	H	2014
		J	2015
		K	2016
		M	2017
		N	2018
		R	2019
4	Product Type	N	Indoor Unit
5	Product Notation	"1"	Wind-Free™ 1-Way Cassette
		N	Wind-Free™ Mini 4-Way Cassette
		"4"	360 Cassette & Wind-Free™ 4-Way Cassette
		L	Low Static Pressure Duct (Slim Duct)
		M	Medium Static Pressure Duct
		H	Big Duct
		C	Ceiling
		J	Console
		P	Packaged Floor Standing
		A	AR5000 Wall-Mounted
6	Product Type	T	MAX Wall-Mounted
		F	Flagship
		S	Standard
		D	Deluxe
7	Rating Voltage	P	Premium
		K	1Ø, 220-240V, 50Hz
8	Mode	N	3Ø, 380-415V, 50Hz
		H	Heat Pump (R410A)

Light Commercial Outdoor Units

AC 120 R X A D K H
 1 2 3 4 5 6 7 8

1	Classification*	AC	Commercial Air Conditioner (CAC)
2	Capacity		x1/10 kW (3 digits)
3	Year	H	2014
		J	2015
		K	2016
		M	2017
		N	2018
		R	2019
4	Product Type	N	Outdoor Unit
5	Feature	A	Inverter + Side + General Temperature
		S	Inverter + Side + Low Temperature
6	Product Type	C	Deluxe + Low Temperature
		D	Deluxe
		P	Premium
7	Rating Voltage	E	1Ø, 220-240V, 50Hz
		G	3Ø, 380-415V, 50Hz
		K	1Ø, 220-240V, 50/60Hz
		N	3Ø, 380-415V, 50/60Hz
8	Mode	H	Heat Pump (R410A)
		G	Heat Pump (R32)

Featured Products

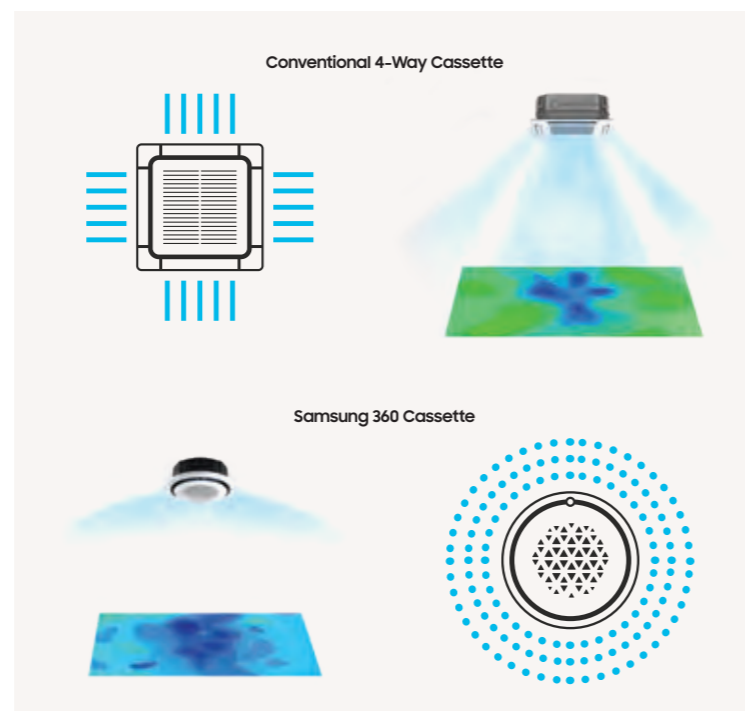


360 Cassette

Circular Airflow

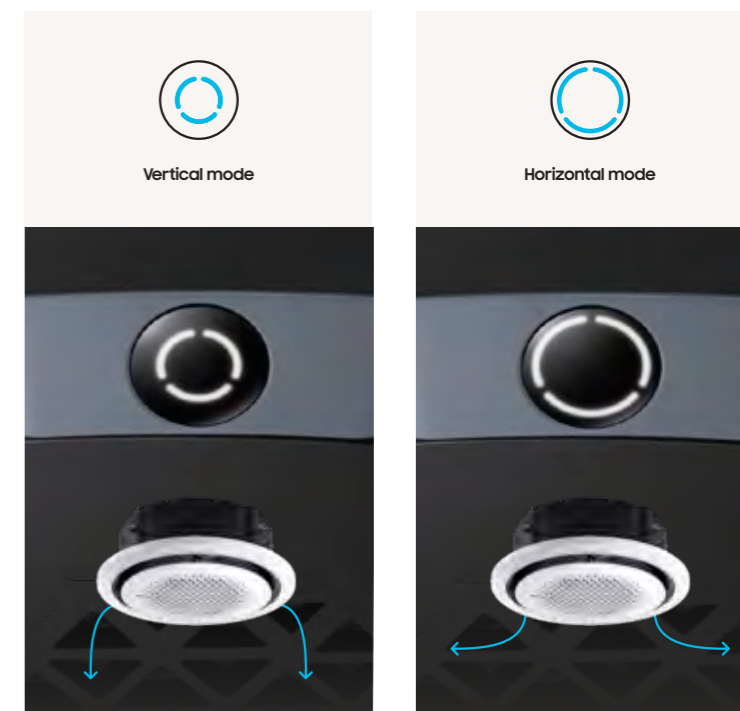
Unlike traditional 4-Way cassette units¹, which create areas of uneven airflow², the 360 Cassette ensures that cool air reaches every single corner. Its circular outlet blows cool air in every direction. The bladeless design keeps things comfortably cool without a cold draft³, and with zero blades blocking airflow, it sends 25% more air even further.

¹ Samsung testing compares the 360 Cassette to a general 4-Way cassette type air conditioner
² The temperature difference is less than 0.6°C within a 9.3m radius
³ No cold draft between 0-1.5m in height (with a 14.0kW indoor unit) within a 5m radius, no



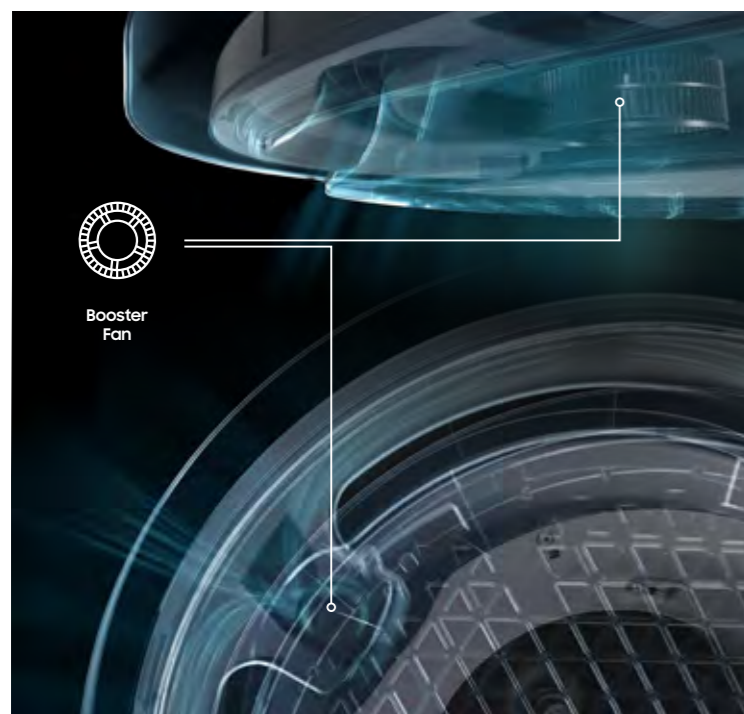
LED Display

The unit features a stylish panel and an intuitive LED display. This allows users to choose and change the direction of airflow. Users have a choice of settings, and controlling the air in an individual zone is easy.



Airflow Control

The air supply is easily adjusted without the use of flaps. Three booster fans work to deviate the direction of airflow from within the cassette's hollow space. A rain-like distribution of the air (known as the 'coanda' effect) keeps the room cool and comfortable at all times.



Stylish Design

The 360 Cassette adds a touch of style to any room. It comes in black or white, in a square or circular design, and can be fitted within the ceiling or exposed on any material. Place it anywhere from wood, to concrete, to wallpaper or paint.

→ For Commercial (CAC) please see: Page 4.08

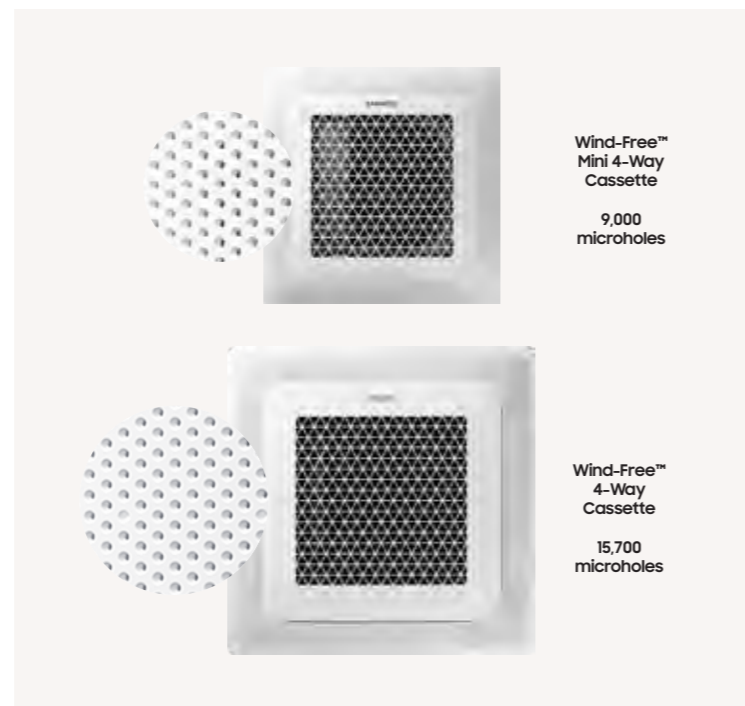
Featured Products



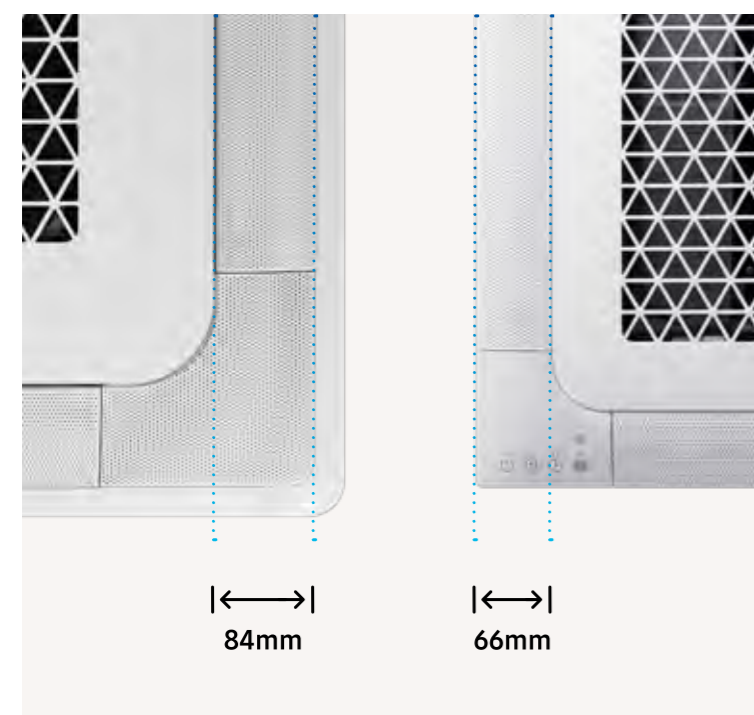
Wind-Free™ 4-Way & Mini 4-Way Cassette

Wind-Free Technology

Wind-Free™ Cooling is some of Samsung's most advanced technology. The Wind-Free™ 4-Way Cassette pushes air out through 15,700 micro holes in the panel, while the Wind-Free™ Mini 4-Way Cassette pushes air through 9,000 micro holes in the panel. These micro holes are paramount in creating a kind of airflow called "still air", which cools the room gradually and noticeably with no draughts.

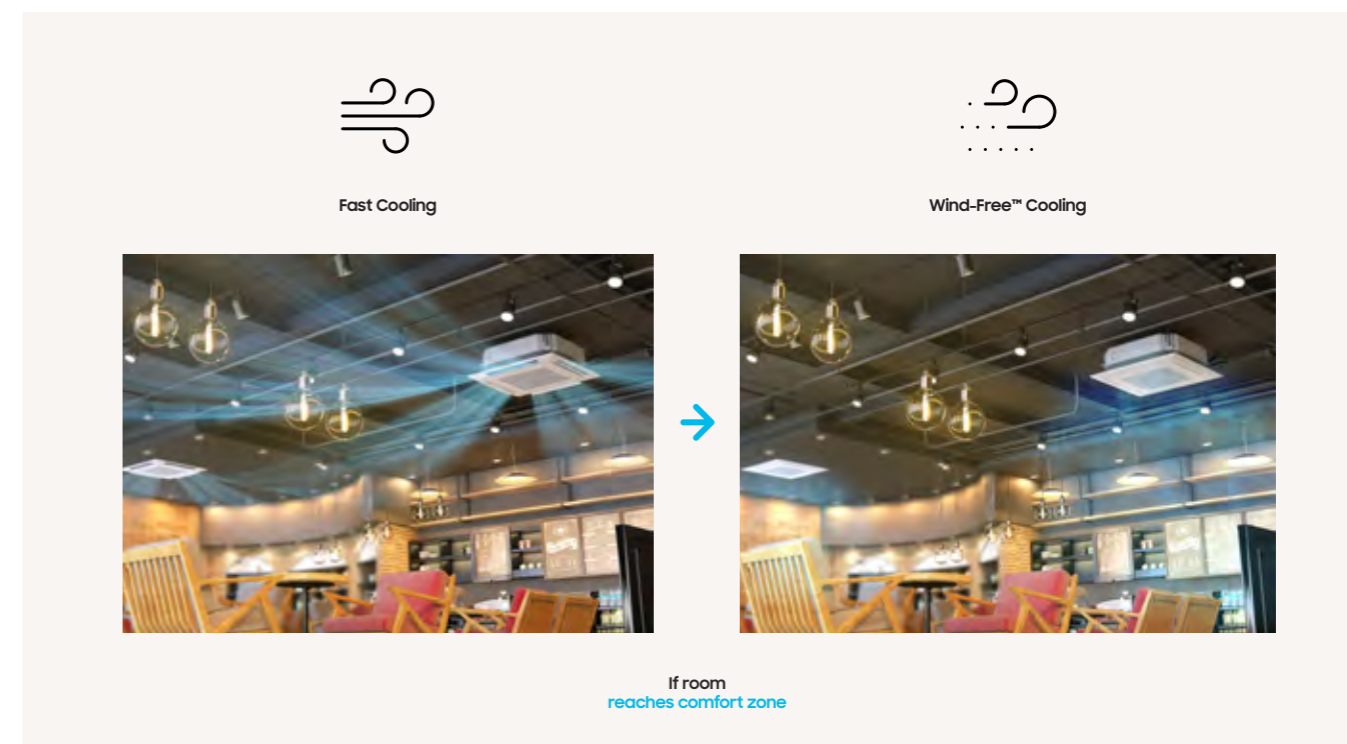


* ASHRAE (American Society of Heating, Refrigeration, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.



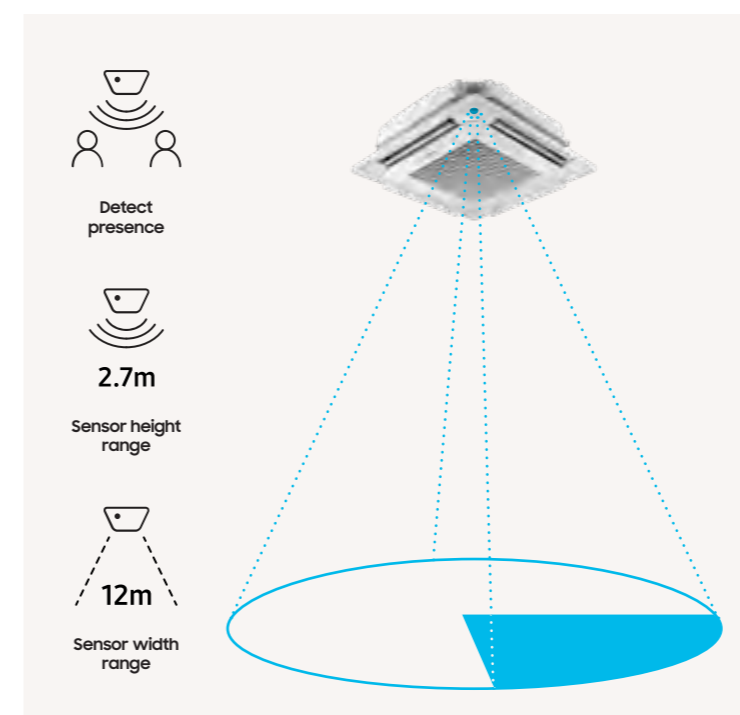
Optimised Blades

The larger and optimised blades (84mm Wind-Free™ 4-Way Cassette, 66mm Wind-Free™ Mini 4-Way Cassette) enable a wider cooling range and improved air circulation within the room. This advanced technology also cools the space much faster, with no zone left untouched.



Smart Comfort Operation

The Wind-Free™ 4-Way Cassette and the Wind-Free™ Mini 4-Way Cassette boast Smart Comfort Operation. An innovative 'Fast Cooling' process helps a room to reach a desired temperature quickly. By simultaneously detecting a room's humidity levels, the Smart Comfort Operation feature maintains the room's temperature automatically.



Motion Detect Sensor

By detecting the presence and location of people in the room, the improved Motion Detect Sensor (MDS) means air cooling is efficient and airflow direction can be managed automatically.

→ For Multi Split (FJM) please see: Page 3.24
 → For Commercial (CAC) please see: Page 4.16

Featured Products



Wind-Free™ 1-Way Cassette

Wind-Free Technology

Wind-Free™ Cooling is some of Samsung's most advanced technology. The Wind-Free™ 1-Way Cassette pushes air out through tiny holes in the panel, dispersing a gentle flow of air. These 13,000 micro holes are paramount in creating a kind of airflow called still air*, which cools the room gradually and noticeably with no draughts.

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



Slim Installation/Small Footprint

At a height of only 135mm¹, the Wind-Free™ 1-Way Cassette is a compact and lightweight device (8-13.5kg²). This slim design makes it not only visually pleasing, but also easier to install and maintain, and it can be fitted in the smallest of ceiling gaps.

¹ Up to 3.6kW, larger models measure 138mm
² 1.7kW & 2.2kW models measure 8kg, 5.6kW & 7.1kW measure 13.5kg



Wider Cooling Range

The larger and optimised blade works to cool a larger area much faster. Its sleek design can deliver cool air efficiently up to 8m* and offers rapid and even cooling, with no zone left untouched.

* Based on the 7.1kW indoor unit.

→ For Multi Split (FJM) please see: Page 3.28

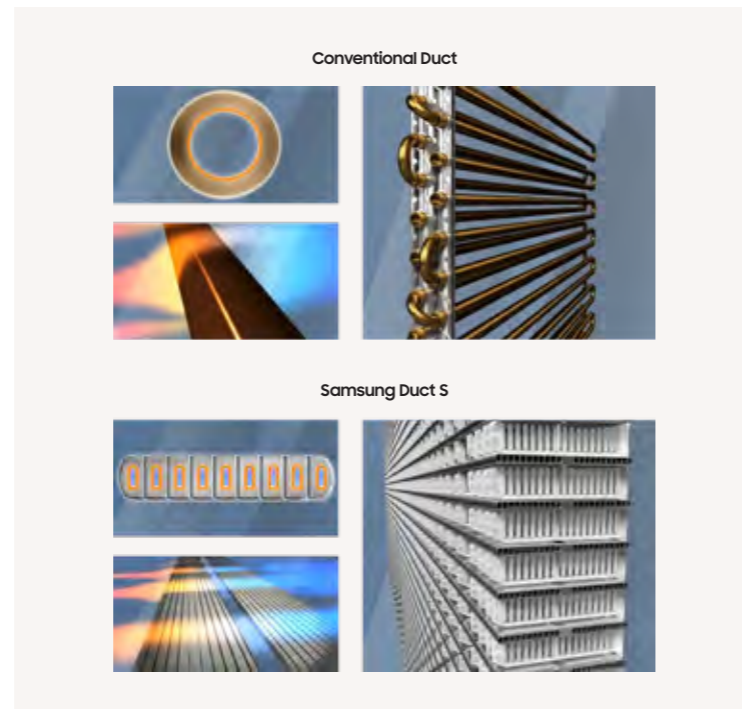
Featured Products



Duct S

Flat Micro-channel Heat Evaporator/Condenser

Samsung's innovative FME/FMC technology provides increased efficiency compared with the conventional fin and tube type. These modern updates have also enabled the unit to be made smaller.



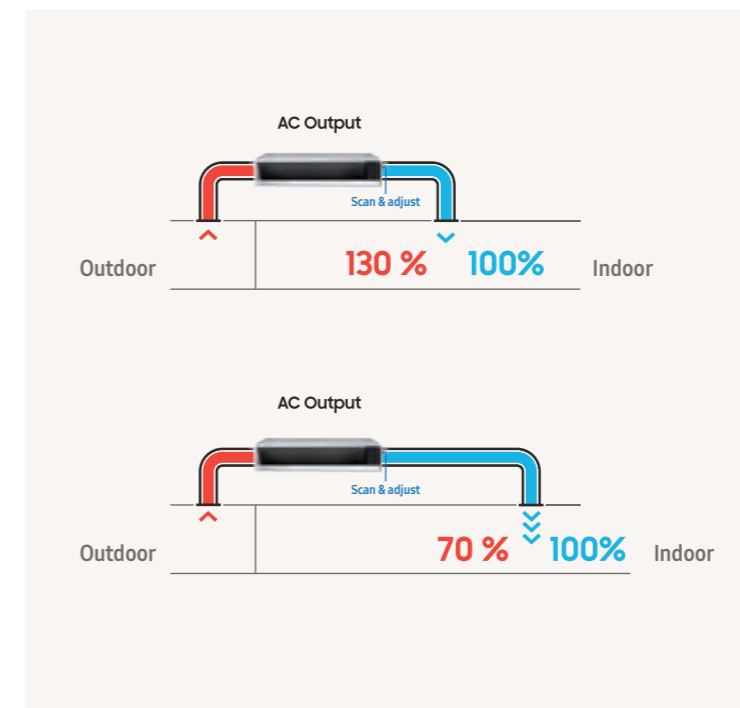
Indoor Discharge Temperature

Each ducted indoor unit, or AHU kit, boasts a discharge air temperature control function, offering greater comfort without the need to change the outdoor unit's setting. The option to cool or heat can be chosen and maintained using an MWR-WE13N remote control, and applies to all ducted/AHU connected systems.



Easy Installation & Maintenance

Thanks to an ultra-compact design, Samsung duct units can be placed anywhere, and can even be split into two parts (18/20/25kW models). This makes for easy installation and maintenance. The indoor unit can be accessed from three different sides: from the top, from the bottom and from one side, making maintenance simpler than ever.



Automatic ESP Setting

You can offer a comprehensive range of products. The right capacity, right ESP, and right-sized product for your customers.

→ For Commercial (CAC) please see: Page 4.36

Featured Products

Slim Duct S

Slim Design for Small Ceiling Spaces

The width of the Slim Duct S is a slim 200mm, making it much narrower than conventional products. This allows for easy installation and maintenance in all kinds of spaces.



Built-in Drain Pump

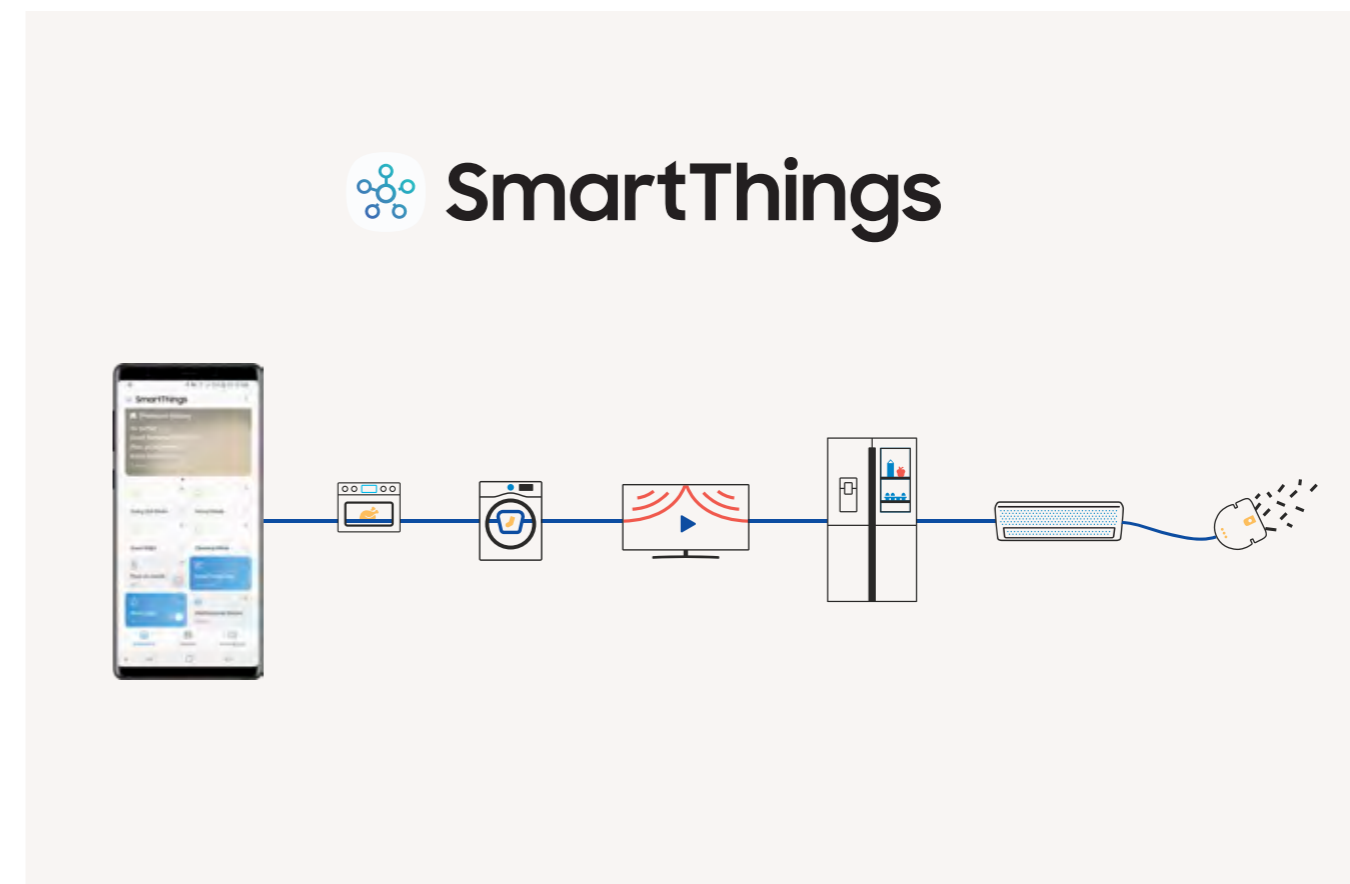
A check valve on the drain pump prevents drained water from flowing back into the drain pan, minimising the drain pan's water level. This modern design feature means no water stagnation, and no drain water overflowing into your interiors.

→ For Multi Split (FJM) please see: [Page 3.32](#)
→ For Commercial (CAC) please see: [Page 4.30](#)

Featured Products



Samsung SmartThings



SmartThings

Samsung air conditioners offer Wi-Fi control using the Samsung SmartThings App on your smartphone, which lets you remotely turn the unit on and off, control its functions and schedule its operation at any time and anywhere.¹ Through the SmartThings App you can also control and monitor other 'Smart' appliances in your home, such as your washing machine, vacuum cleaner and refrigerator².

¹ Available on iPhones and Android devices. A network connection is required. Samsung application account is necessary.
² Consult relevant user guide/manual to ensure product compatibility with Samsung SmartThings.

Available functions

- Control your air conditioner remotely
- Energy consumption control and monitoring
- Coordinate your air conditioner and other Samsung appliances
- Plan weekly schedules
- Filter change monitoring
- Estimate seasonal usage and expected costs

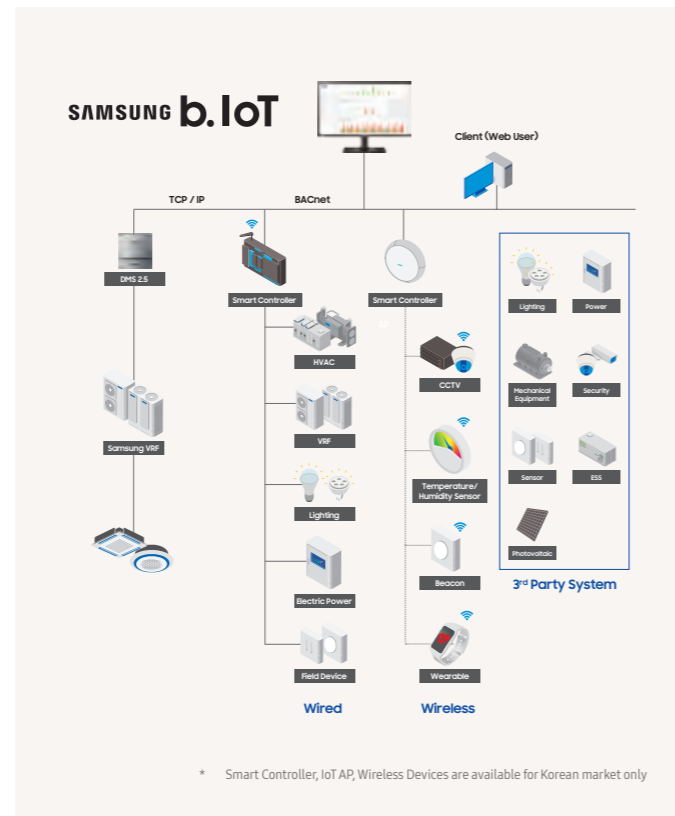
Featured Products

b.IoT

Samsung b.IoT (building Internet of Things) is a building management solution that can efficiently manage and save energy. It is an open platform with great expandability and compatibility, which enables integrated control of the facility's major systems, such as VRF and 3rd party devices via BACnet interface.

Samsung b.IoT helps to ensure:

- Efficient installation periods
- Reductions in installation and operation costs
- Optimal energy efficiency
- Efficient management of integrated systems installed in the building - VRF



Samsung b.IoT provides:



Open Platform

- Supports Open Protocol (BACnet) and API for integration of various devices.
- Integrates various sensors and devices wirelessly via IoT gateway.

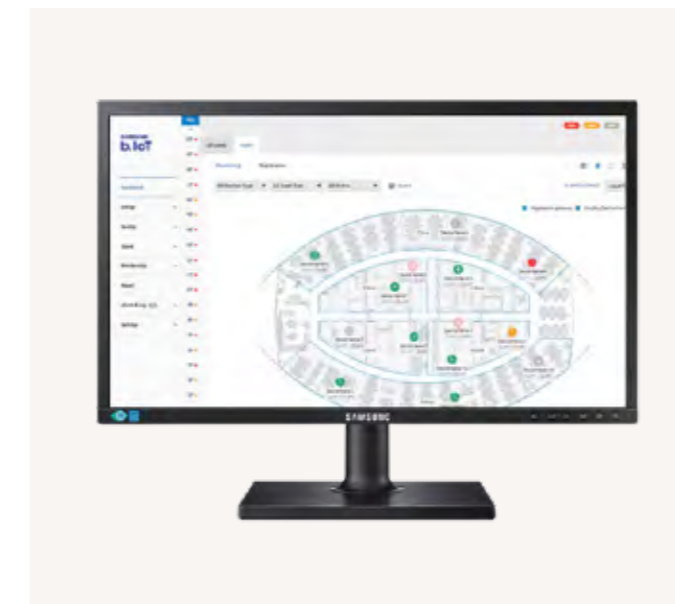
Easy and Smart Operation

- Optimal operation for Samsung VRF (DVM) products
- Intuitive Graphic UI & convenient rules editor for various solutions
- Trends & alarm lookup



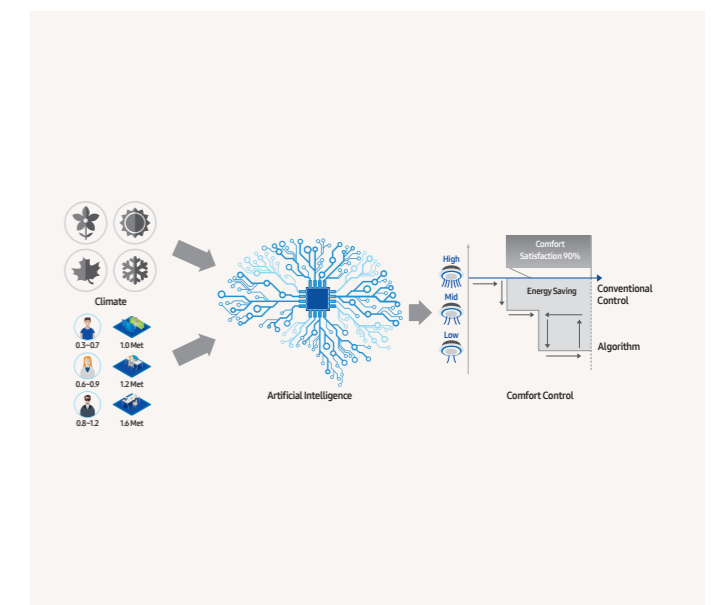
Effective Energy Usage Management

- Energy Usage Analysis
- Hybrid (HVAC+VRF) energy consumption distribution



Intelligent Energy Saving Algorithms

- Data-Based Comfort Control – Comfort based on user-specific algorithms
- Learning-Based Control – Optimised control by artificial intelligence (AI)
- Occupancy-Based Control – Lighting, humidity & temperature
- Inefficient Operation Detection – Time, space & temperature



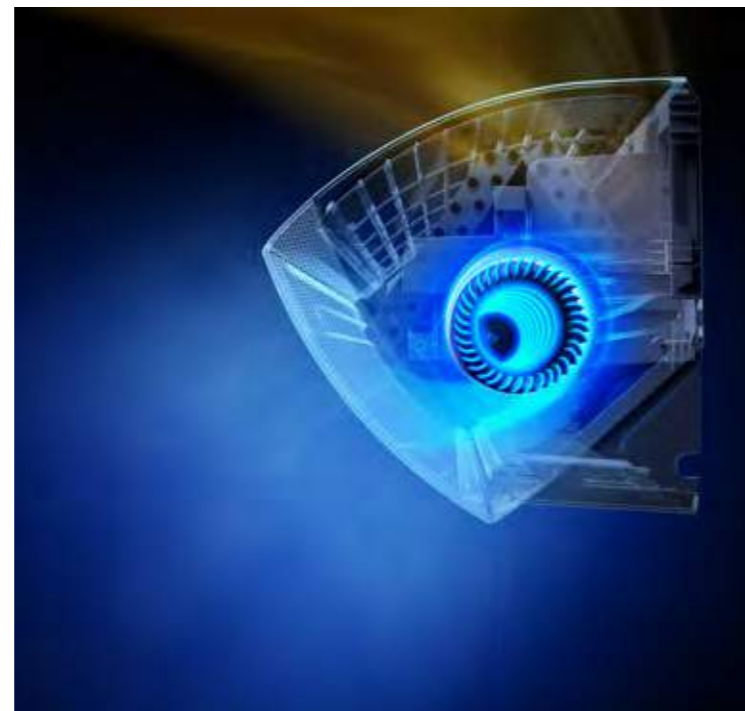
Featured Products

Wall Mounted Air Conditioners

What is Wind-Free™ Cooling Technology?

Wind-Free™ Cooling disperses a gentle flow of air evenly through 21,000 micro holes. These micro holes are paramount in creating a kind of airflow called still air*, which cools the room gradually and noticeably with no draughts.

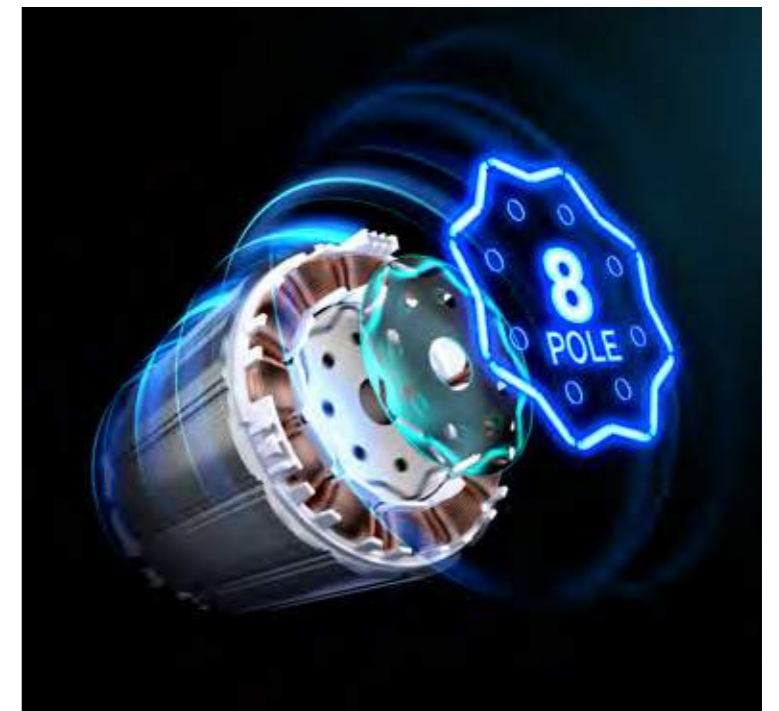
* ASHRAE (American Society of Heating, Refrigeration, and Air-Conditioning Engineers) defines "Still Air" as air currents moving at speeds below 0.15m/s, which lacks the presence of cold draughts



8-Pole Inverter

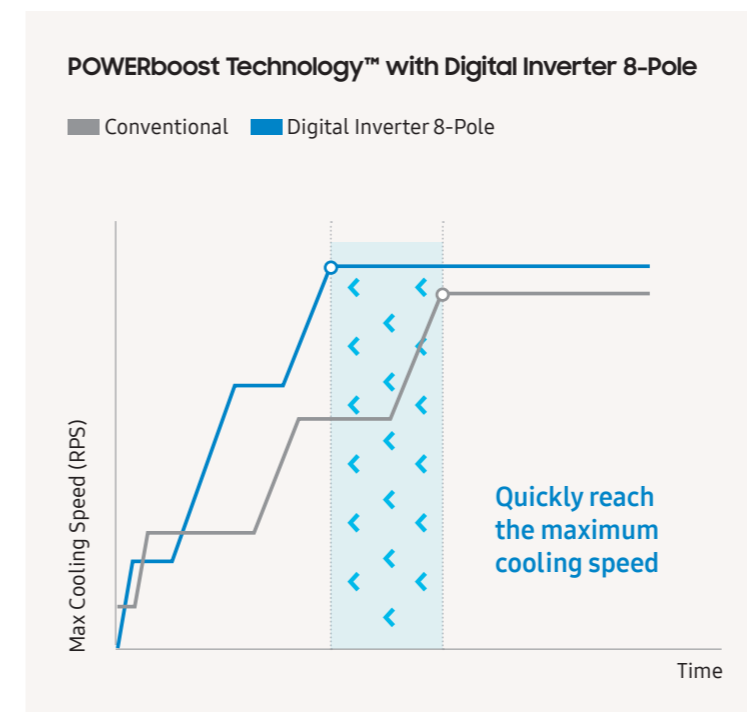
The 8-pole inverter is the core of Samsung's advanced Digital Inverter Technology. It utilises the world's first 8-pole motor (as opposed to a 4-pole motor) in an outdoor unit's compressor, meaning less torque fluctuation. This ensures more effective operation with less vibration. It also reduces energy consumption*, keeping it cost-effective.

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



Keep Comfortable Without Changing Settings

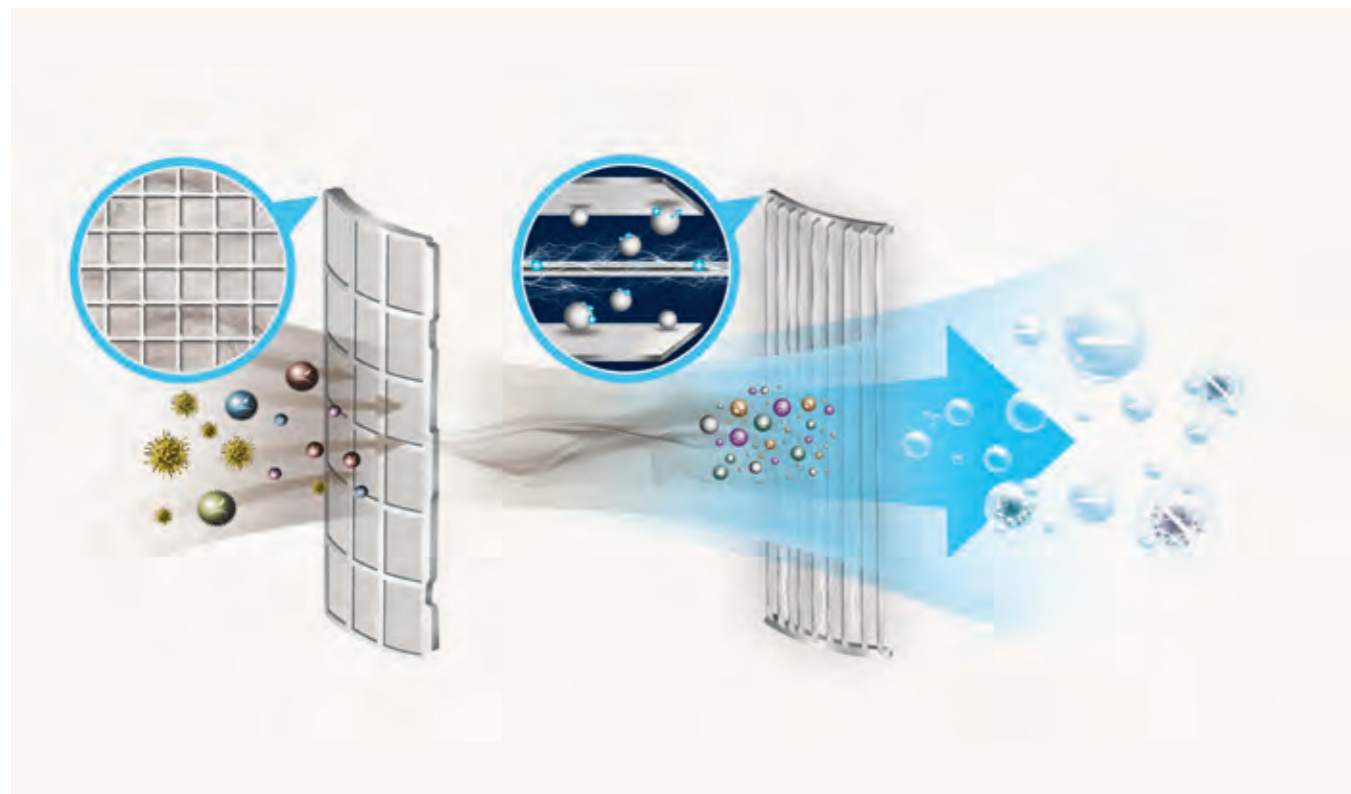
The Samsung Wind-Free™ air conditioner's 2-Step Cooling mode cools the air quickly and efficiently in Fast Cooling mode, then automatically changes to Wind-Free™ Cooling mode to maintain the temperature. The room stays comfortably cool without cold spots, with no need to change any settings.



POWERboost™

Innovative POWERboost™ Technology and the Digital Inverter 8-Pole dramatically lessens the time it takes for a compressor to reach maximum Hz upon operation*. So your space gets cooler much quicker.

* Tested on model AR12KSWDHWK compared with Samsung's conventional model AR12FSS5BWK.



Air Purification

Step 1 - Easy Filter Plus

The Easy Filter Plus filters out dust, viruses, allergens, airborne contaminants and bacteria.

Step 2 - PM2.5 Filter

The PM2.5 Filter filters fine dust, cigarette smoke and other bacteria.

Step 3 - SPi Ionizer

The SPi Ionizer reduces certain harmful viruses, bacteria, mould and airborne allergens.



Easy Filter Plus – Filters Airborne Contaminants and Allergens

This Samsung air conditioner is fitted with a filter mesh that keeps air fresh while keeping the unit clean. Samsung filters cover 100% of the air inlet hole, and are coated with a fully washable material, making them cost-effective and easy to maintain*.

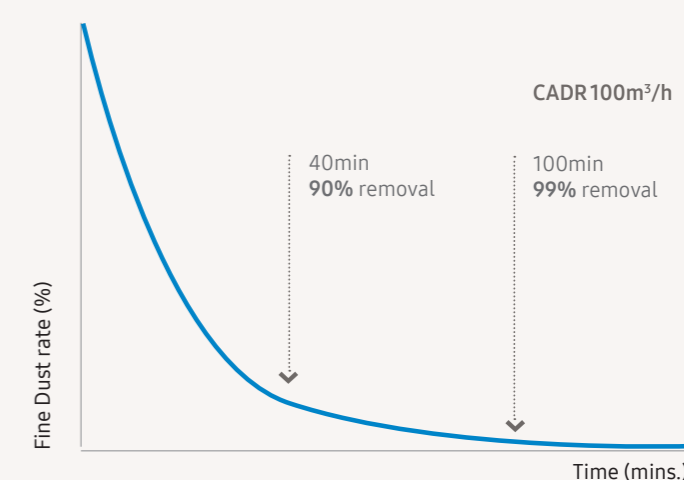
* Tested on TG07 ZEOMIC compared with TG07. Tested by FITI for Staphylococcus aureus, Klebsiella pneumoniae and Aspergillus niger. Tested by Japan Food Research Laboratories for H5N1. Tested by Institute of Tokyo Environmental Allergy for Cry J1, Derf1.

PM2.5 Filter - Captures up to 99% of Fine Dust

The PM2.5 Filter¹ covers 100% of the air inlet hole and is also washable, making it cost-effective and easy to keep on using. Its electrostatic charger sends fine dust straight to the negative alloy plate by giving it a positive charge. The PM2.5 Filter keeps air clean and safe to breathe by capturing 90% of fine dust in just 40 minutes, and 99% in 100 minutes^{2,3}.

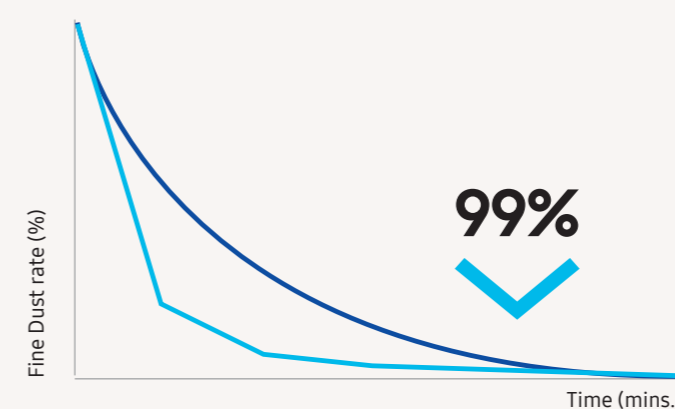
1 Applies only to Wind-Free™ Ultra models
2 Size of chamber: 30m³
3 Tested by China household appliances detection. Based on AR13KVSSLWKST

PM2.5 Filter



Samsung Super Plasma ion (SPi)

- MRSA (Antibiotic-resistant bacterium) Ionizer reduces 99% of MRSA, which is resistant to antibiotics²
- Influenza subtype A H1N1 Reduction Test³



Samsung Super Plasma ion (SPi) - Captures up to 99% of Fine Dust

SPi reduces up to 99% of certain harmful viruses, bacteria, mould and airborne allergens¹.















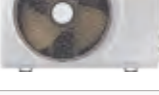
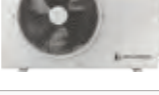




1 Based on ioniser device, tested in Kitasato Environmental Science Centre (Japan) & Chungnam National University (Korea). Data has been measured under specific testing conditions and may vary based on environmental factors. (Size of chamber: 500cc-1m³ device only, measurement time 60-300 min)
2 MRSA: 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 (Staphylococcus aureus ATCC 33591)
3 Influenza: Testing Institute: Kitasato Environmental Science Center. Measurement time: 2 hours. Test sample: Device only. Size of chamber: 1m³.



Residential



Lineup

Model	Indoor unit	Outdoor unit (2.5kW & 3.5kW)	2.5kW	3.5kW	Outdoor unit (5.2kW & 6.8kW)	5.2kW	6.8kW
Wind-Free™ Ultra			•	•			
Wind-Free™ Optimum			•	•		•	•
Wind-Free™ Standard			•	•		•	•
Triangle			•	•			
Boracay			•	•		•	•
Maldives			•	•		•	•
High-Efficiency Range							
Nordic Smart			•	•			
Nordic Comfort			•	•			



Selection Table



		Wind-Free™ Ultra	Wind-Free™ Optimum	Wind-Free™ Standard
Energy Efficiency	Energy label* (SEER/SCOP) for 9k BTU	A** A**	A** A*	A** A
Certification	Eurovent	•	•	•
Air Flow	Wind-Free Cooling	•	•	•
	Triangle Technology	•	•	•
	Air Direction Control (Up/Down)	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4
	Auto Fan speed	•	•	•
Air Purification	Ionizer (SPI)	•	•	•
	PM2.5 Filter	•	•	•
	Triangle	•	•	•
	Rectangle	•	•	•
	Coating	•	•	•
	Allergy Care	•	•	•
	Anti-Bacteria Coating	•	•	•
	Anti-Virus Coating	•	•	•
	Auto Clean (Self Cleaning)	•	•	•
	WIFI Control - Samsung SmartThings	•	•	•
Functions	Filter Cleaning Indicator	•	•	•
	Indoor Temp. Display	•	•	•
	Remote Controller	•	•	•
	Display On/Off	88 Display 88 LED	•	•
	3 LED Display	•	•	•
	Beep On/Off	•	•	•
	24-Hour Timer / Real Timer	24 Hr	24 Hr	24 Hr
	Auto Changeover	•	•	•
	Auto Restart	•	•	•
	2 Step Cooling	•	•	•
Operating Mode	Fast Cool	•	•	•
	Comfort Cool	•	•	•
	Good Sleep	•	•	•
	Single User Mode	•	•	•
	Dehumidification	•	•	•
	Auto Mode	•	•	•
	Fan Mode	•	•	•
	Quiet	•	•	•
	Anti-Corrosion Fin	•	•	•
	Compressor Protector	•	•	•
PBA Protector	•	•	•	



		Triangle	Boracay	Maldives	Nordic Smart	Nordic Comfort
Energy Efficiency	Energy label* (SEER/SCOP) for 9k BTU	A** A	A** A*	A** A	A*** A**	A*** A**
Certification	Eurovent	•	•	•	•	•
Air Flow	Wind-Free Cooling	•	•	•	•	•
	Triangle Technology	•	•	•	•	•
	Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Manual	Manual	Manual	Auto	Manual
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4	5/4	5/4
	Auto Fan speed	•	•	•	•	•
Air Purification	Ionizer (SPI)	•	•	•	•	•
	PM2.5 Filter	•	•	•	•	•
	Triangle	•	•	•	•	•
	Rectangle	•	•	•	•	•
	Coating	•	•	•	•	•
	Allergy Care	•	•	•	•	•
	Anti-Bacteria Coating	•	•	•	•	•
	Anti-Virus Coating	•	•	•	•	•
	Auto Clean (Self Cleaning)	•	•	•	•	•
	WIFI Control - Samsung SmartThings	•	•	•	•	•
Functions	Filter Cleaning Indicator	•	•	•	•	•
	Indoor Temp. Display	•	•	•	•	•
	Remote Controller	•	•	•	•	•
	Display On/Off	•	•	•	•	•
	3 LED Display	•	•	•	•	•
	Beep On/Off	•	•	•	•	•
	24-Hour Timer / Real Timer	24 Hr	24 Hr	24 Hr	24 Hr	24 Hr
	Auto Changeover	•	•	•	•	•
	Auto Restart	•	•	•	•	•
	2 Step Cooling	•	•	•	•	•
Operating Mode	Fast Cool	•	•	•	•	•
	Comfort Cool	•	•	•	•	•
	Good Sleep	•	•	•	•	•
	Single User Mode	•	•	•	•	•
	Dehumidification	•	•	•	•	•
	Auto Mode	•	•	•	•	•
	Fan Mode	•	•	•	•	•
	Quiet	•	•	•	•	•
	Anti-Corrosion Fin	•	•	•	•	•
	Compressor Protector	•	•	•	•	•
PBA Protector	•	•	•	•	•	

Specifications



Wind-Free™ Ultra R32

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

Indoor Unit			AR09NXCXAWKNEU	AR12NXCXAWKNEU
Outdoor Unit			AR09NXCXAWKXEU	AR12NXCXAWKXEU
Capacity				
Capacity	Cooling (Nominal)	kW	2.5	3.5
	Cooling (Min - Max)	kW	0.75~3.3	0.75~4.0
	Heating up to +7°C	kW	3.2	4.0
	Heating (Min - Max)	kW	0.62~4.90	0.62~5.50
	Heating @ -5°C	kW	2.85	3.42
	Heating @ -10°C	kW	2.6	3.13
	Heating @ -15°C	kW	2.38	2.86
Performance				
Energy Efficiency Cooling	SEER	W/W	7.2 / A++	6.8 / A++
	Consumption	kWh/a	122	180
	Pdesignc	kW	2.5	3.5
	EER	W/W	4.31	3.68
Energy Efficiency Heating	SCOP	W/W	4.6 / A++	4.6 / A++
	Consumption	kWh/a	700	730
	Pdesignh (average)	kW	2.3	2.4
	COP	W/W	4.1	3.74
Moisture Removal		L/hr	1.0	1.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	9.5	10.2
	Outdoor Unit	m ³ /min	2700	2700
Sound Power	Indoor Unit (Cooling)	dB(A)	55	57
	Outdoor Unit (Cooling)	dB(A)	59	62
Sound Pressure	Indoor Unit Low/High	dB(A)	16 / 38	16 / 40
	Outdoor Unit High	dB(A)	45	46
Operating Temp. Range	Cooling	°C	-10~46	-10~46
	Heating	°C	-15~24	-15~24
Electrical Data				
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	580	950
	Heating	W	780	1070
Operating Current	Cooling	A	3.2	4.5
	Heating	A	3.9	5.1
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	828x295x265	828x295x265
	Outdoor Unit	mm	790x548x285	790x548x285
Net Weight	Indoor Unit	kg	11.3	11.3
	Outdoor Unit	kg	31.1	31.1
Refrigerant				
Refrigerant	Type	R32(Contains fluorinated greenhouse gases. GWP=675)		
	Charging (for 5m)	kg	0.85	0.85
	Charging Ton equivalent CO2	tCO2e	0.58 tCO2e	0.58 tCO2e
	Additional refrigerant charging	g / m	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15
Piping Height	Max	m	8	8
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16

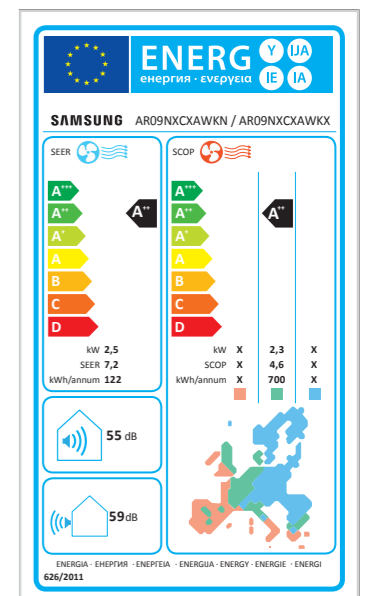
Indoor Unit			AR09NXCXAWKNEU	AR12NXCXAWKNEU
Outdoor Unit			AR09NXCXAWKXEU	AR12NXCXAWKXEU
Functions				
Air Flow	Wind-Free™ Cooling		•	•
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto
	Auto Fan speed		•	•
Air Purification	Ionizer (SPI)		•	•
	PM 2.5 Filter		•	•
	Easy Filter Plus		-	-
	Allergy Care		•	•
	Anti-Bacteria		•	•
Operating Mode	Auto Clean (Self Cleaning)		•	•
	2 Step Cooling		•	•
	Fast Cool		•	•
	Comfort Cool		•	•
	Good Sleep		•	•
	Dehumidification		•	•
	Fan Mode		•	•
Other Functions	Quiet		•	•
	WiFi Control - Samsung SmartThings		•	•
	Filter Cleaning Indicator		•	•
	Indoor Temp. Display		•	•
	Display On/Off		•	•
	Beep On/Off		•	•
Auto Changeover		•	•	
Auto Restart		•	•	

Accessory

Included



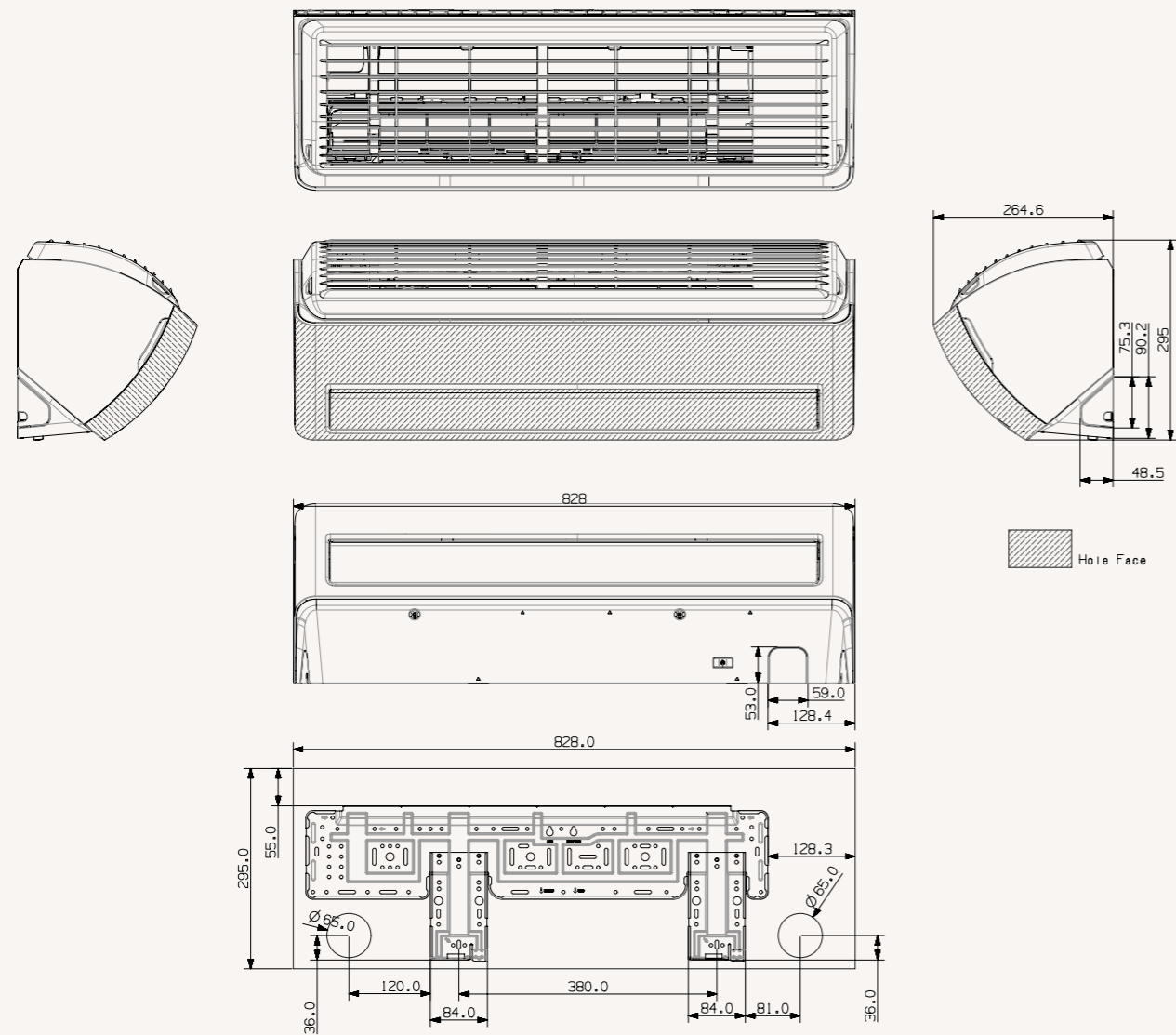
Wireless Remote Controller



Dimensional Drawings

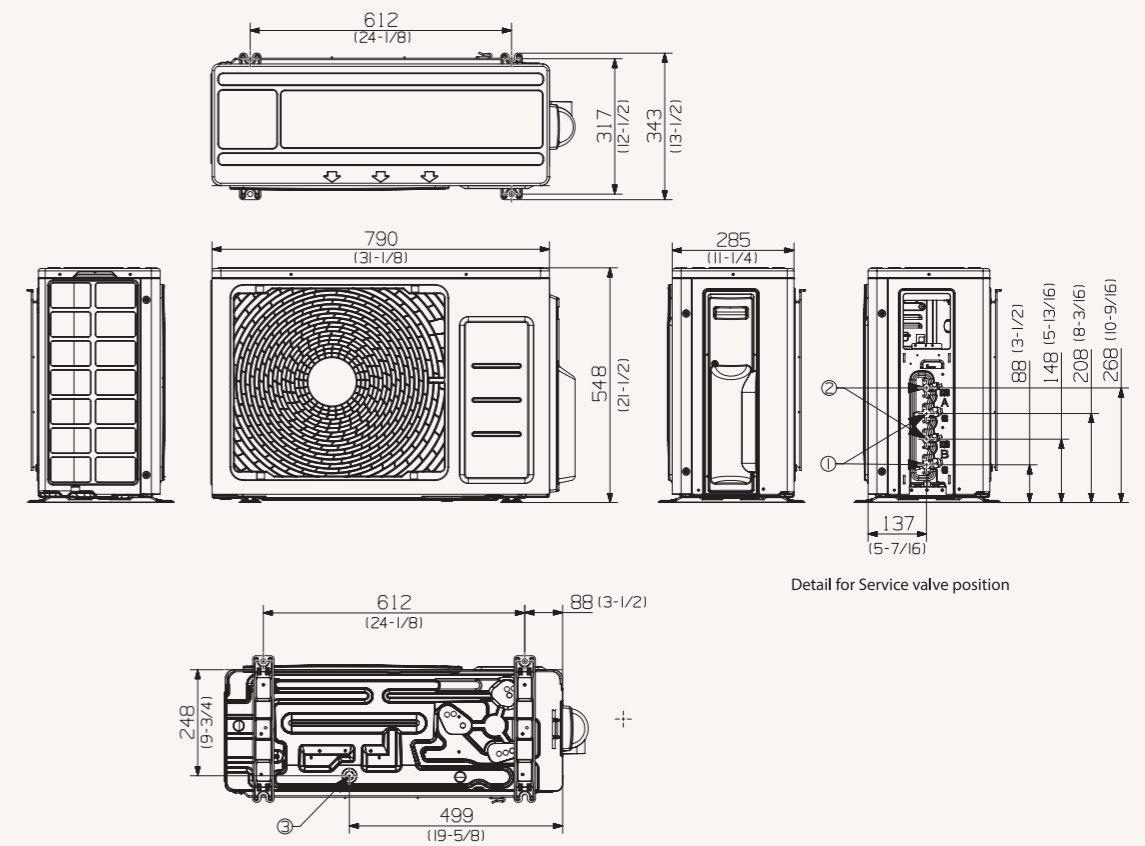
Wind-Free™ Ultra - Indoor

AR09/12NXCXAWKNEU



Wind-Free™ Ultra - Outdoor

AR09/12NXCXAWKXEU



Detail for Service valve position

Specifications



Wind-Free™ Optimum R32

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

Indoor Unit			AR09RXPXBWKNEU	AR12RXPXBWKNEU	AR18RXPXBWKNEU	AR24RXPXBWKNEU
Outdoor Unit			AR09RXPXBWKXEU	AR12RXPXBWKXEU	AR18RXPXBWKXEU	AR24RXPXBWKXEU
Capacity						
Capacity	Cooling (Nominal)	kW	2.5	3.5	5.0	6.5
	Cooling (Min - Max)	kW	0.9~3.3	0.9~4.0	1.6~6.7	1.4~7.6
	Heating up to +7°C	kW	3.2	3.5	6.0	7.4
	Heating (Min - Max)	kW	1.1~4.9	1.1~5.5	1.2~8.0	1.2~9.2
	Heating @ -5°C	kW	2.82	3.18	6.99	8.62
	Heating @ -10°C	kW	2.58	2.91	4.80	5.96
	Heating @ -15°C	kW	2.36	2.66	4.10	4.98
Performance						
Energy Efficiency Cooling	SEER	W/W	7.10 / A++	6.50 / A++	6.80 / A++	6.40 / A++
	Consumption	kWh/a	123	188	257	355
	Pdesignc	kW	2.5	3.5	5	6.5
	EER	W/W	4.17	3.57	3.6	3.33
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.8 / A	3.8 / A
	Consumption	kWh/a	770	770	1400	1511
	Pdesignh (average)	kW	2.2	2.2	3.8	4.1
	COP	W/W	3.76	3.72	3.51	3.15
Moisture Removal		L/hr	1.0	1.5	2.0	2.5
Maximum AirFlow (Cooling)	Indoor Unit	m³/min	9.3	10	15.9	17.6
	Outdoor Unit	m³/min				
Sound Power	Indoor Unit (Cooling)	dB(A)	54	56	58	62
	Outdoor Unit (Cooling)	dB(A)	59	62	65	68
Sound Pressure	Indoor Unit Low/High	dB(A)	19 / 37	19 / 38	25 / 41	26 / 45
	Outdoor Unit High	dB(A)	45	46	51	54
Operating Temp. Range	Cooling	°C	-10~46	-10~46	-10~46	-10~46
	Heating	°C	-15~24	-15~24	-15~24	-15~24
Electrical Data						
Power Source		V / Hz / Φ	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	600	980	1390	1950
	Heating	W	850	940	1710	2350
Operating Current	Cooling	A	3.1	4.6	6.4	8.8
	Heating	A	4.0	4.4	7.8	10.5
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	828x267x265	828x267x265	1065x301x311	1065x301x311
	Outdoor Unit	mm	720x548x265	720x548x265	880x638x310	880x638x310
Net Weight	Indoor Unit	kg	9.4	9.4	13.2	13.4
	Outdoor Unit	kg	27.6	27.6	40.2	44.2
Refrigerant						
Refrigerant	Type	R32(Contains fluorinated greenhouse gases. GWP=675)				
Refrigerant	Charging (for 5m)	kg	0.75	0.75	1.15	1.15
	Charging Ton equivalent CO2	tCO2e	0.51 tCO2e	0.51 tCO2e	0.78 tCO2e	0.78 tCO2e
	Additional refrigerant charging	g / m	15	15	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8	1/2	5/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15	3 / 30	3 / 30
Piping Height	Max	m	8	8	15	15
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16	ID 16	ID 16

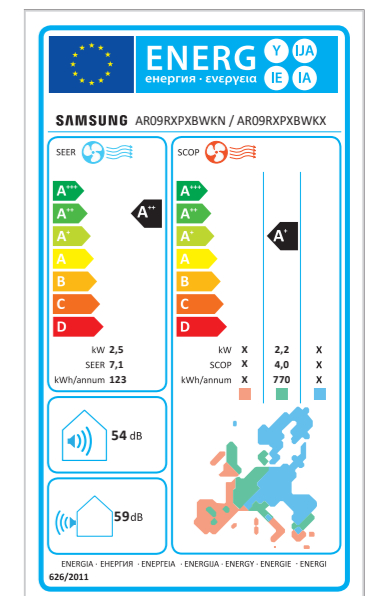
Indoor Unit			AR09RXPXBWKNEU	AR12RXPXBWKNEU	AR18RXPXBWKNEU	AR24RXPXBWKNEU
Outdoor Unit			AR09RXPXBWKXEU	AR12RXPXBWKXEU	AR18RXPXBWKXEU	AR24RXPXBWKXEU
Functions						
Air Flow	Wind-Free™ Cooling		●	●	●	●
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto	Auto	Auto
	Auto Fan speed		●	●	●	●
Air Purification	Ionizer (SPI)		●	●	●	●
	PM 2.5 Filter		-	-	-	-
	Easy Filter Plus		●	●	●	●
	Allergy Care		●	●	●	●
	Anti-Bacteria		●	●	●	●
	Auto Clean (Self Cleaning)		●	●	●	●
Operating Mode	2 Step Cooling		●	●	●	●
	Fast Cool		●	●	●	●
	Comfort Cool		●	●	●	●
	Good Sleep		●	●	●	●
	Dehumidification		●	●	●	●
	Fan Mode		●	●	●	●
	Quiet		●	●	●	●
Other Functions	WiFi Control - Samsung SmartThings		●	●	●	●
	Filter Cleaning Indicator		●	●	●	●
	Indoor Temp. Display		●	●	●	●
	Display On/Off		●	●	●	●
	Beep On/Off		●	●	●	●
	Auto Changeover		●	●	●	●
	Auto Restart		●	●	●	●

Accessory

Included



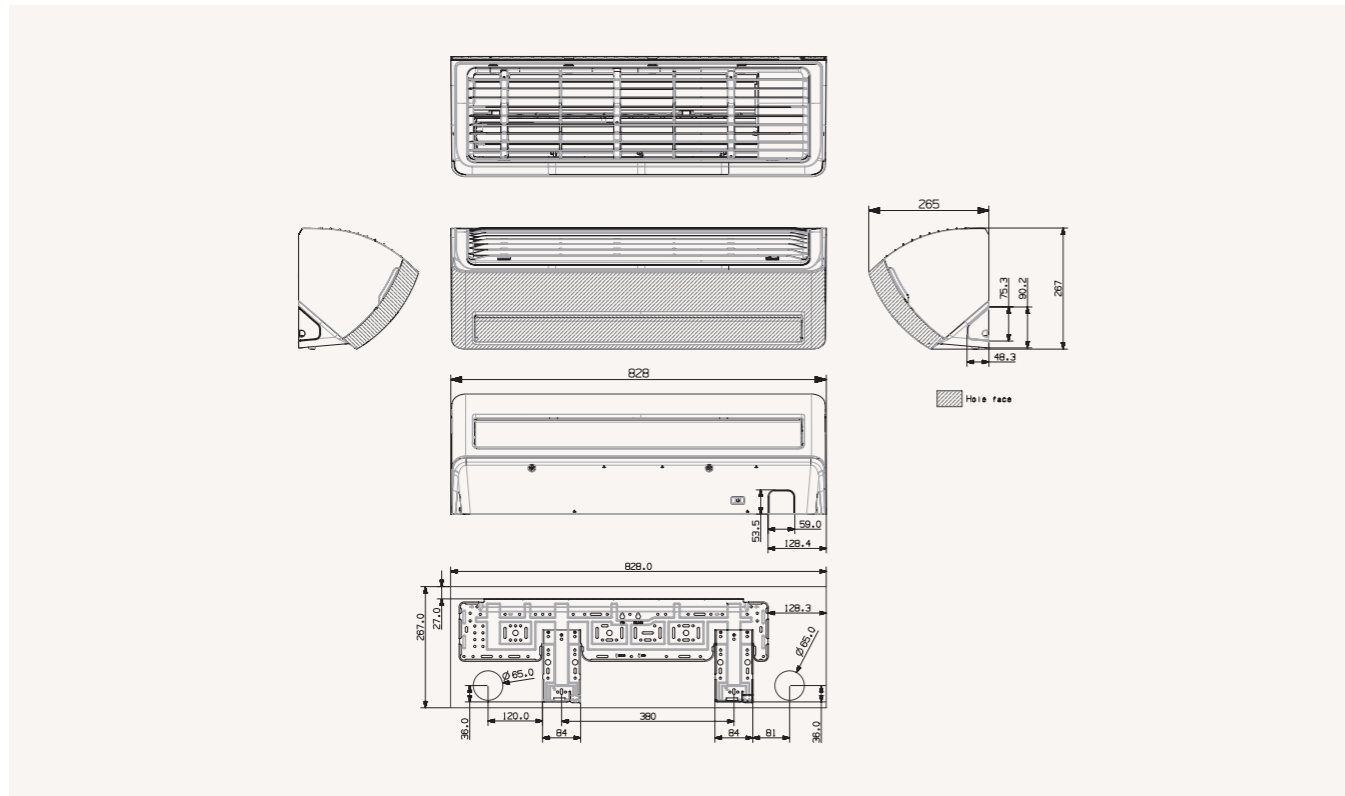
Wireless Remote Controller



Dimensional Drawings

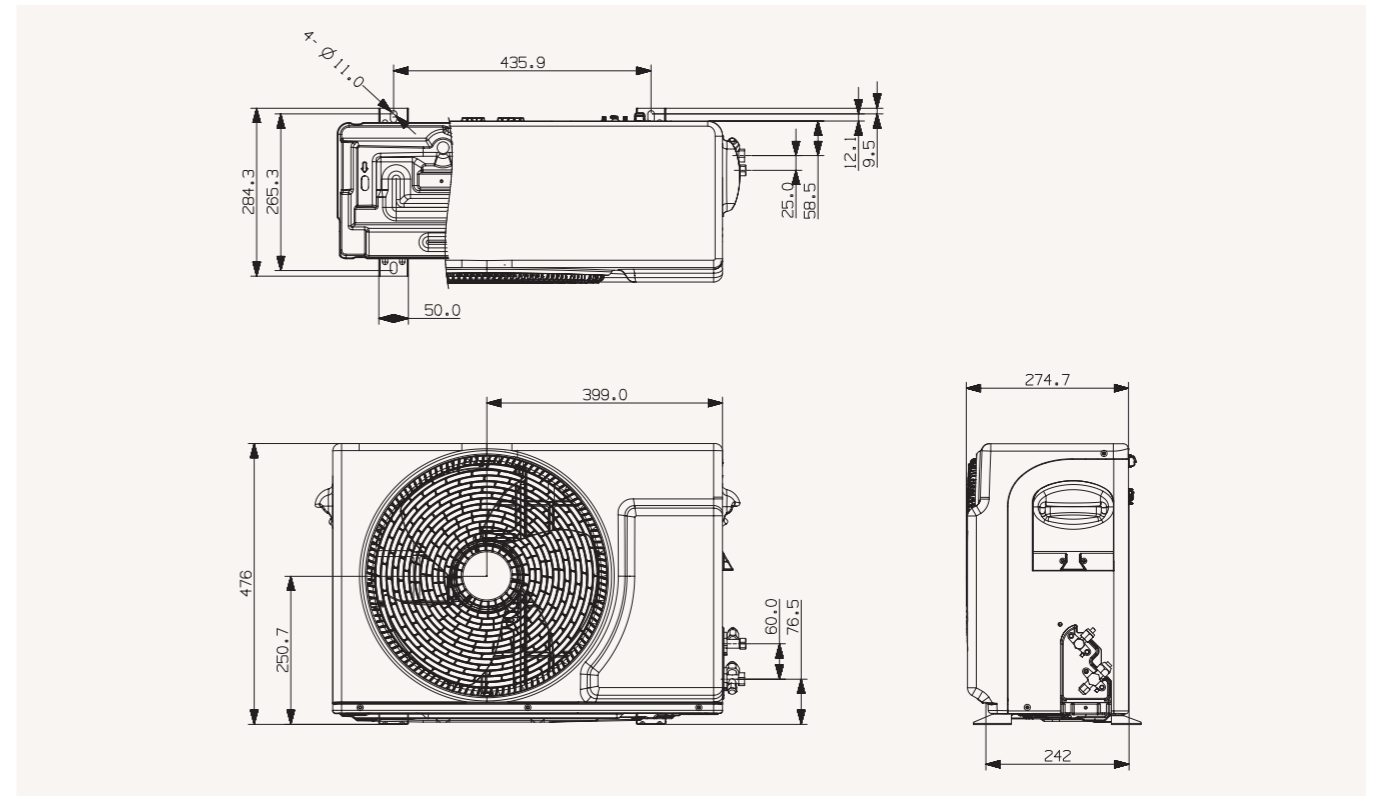
Wind-Free™ Optimum - Indoor

AR09/12RXPXBWKNEU

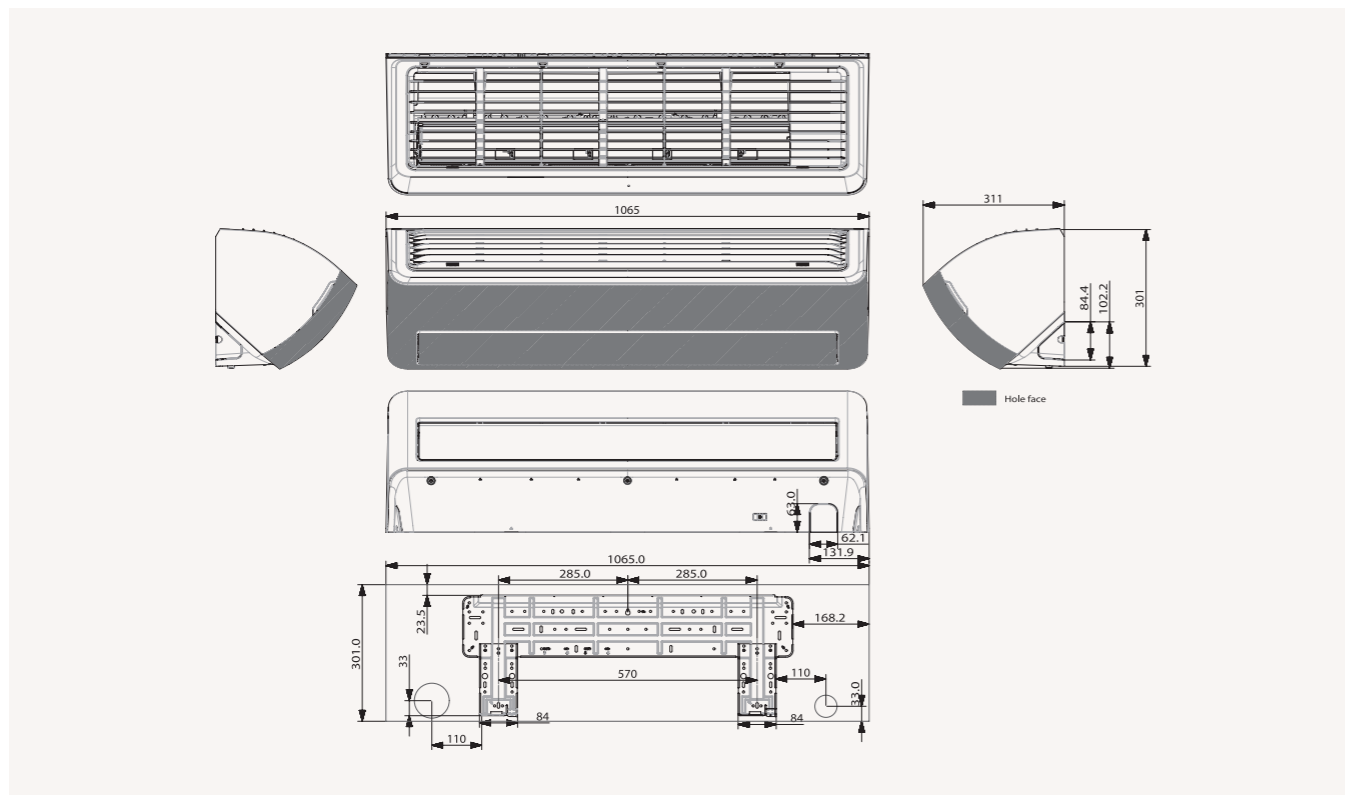


Wind-Free™ Optimum - Outdoor

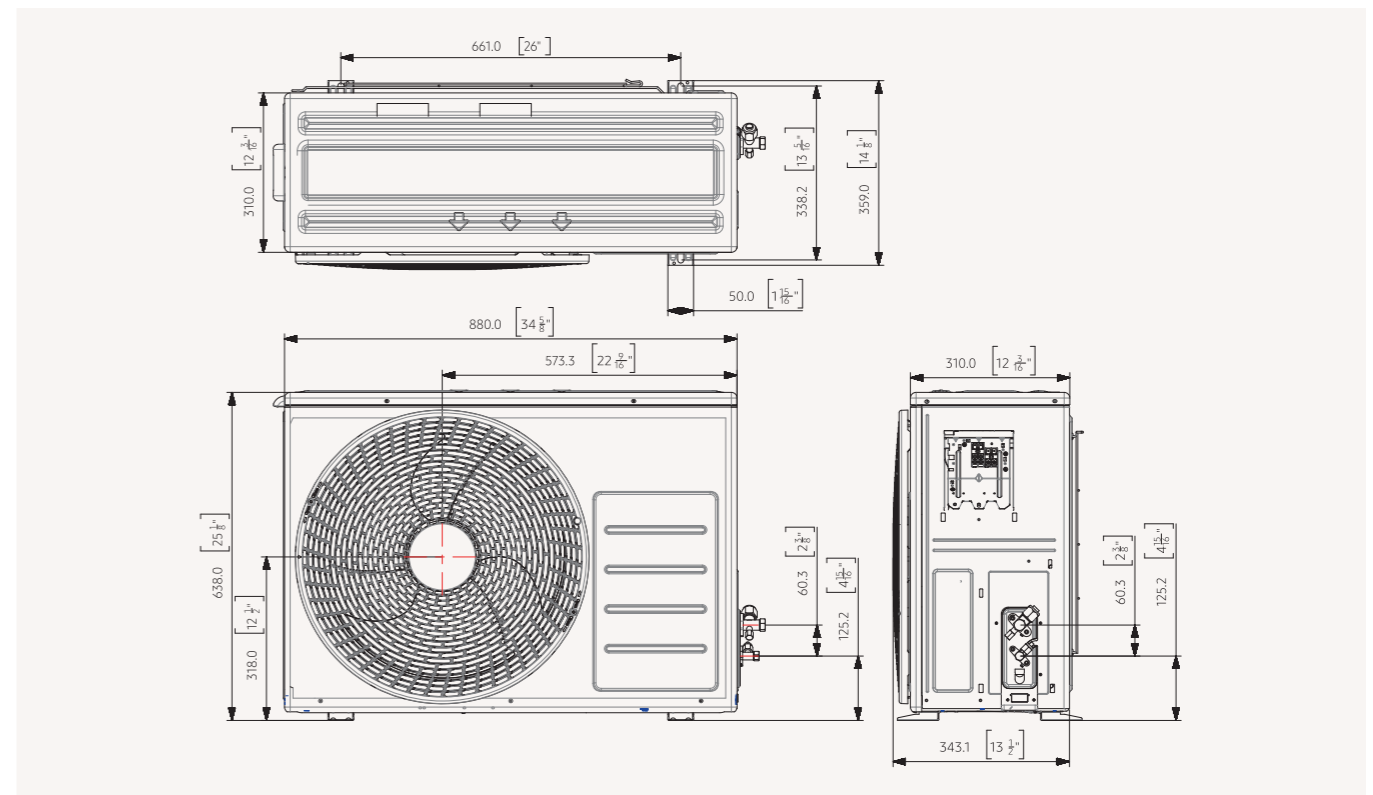
AR09/12RXWCWKXEU



AR18/24RXPXBWKNEU



AR18/24RXPCWKXEU



Specifications



Wind-Free™ Standard R32

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

Indoor Unit			AR09RXWCWKNEU	AR12RXWCWKNEU	AR18RXWCWKNEU	AR24RXWCWKNEU
Outdoor Unit			AR09RXWCWKXEU	AR12RXWCWKXEU	AR18RXWCWKXEU	AR24RXWCWKXEU
Capacity						
Capacity	Cooling (Nominal)	kW	2.75	3.5	5.0	6.5
	Cooling (Min - Max)	kW	0.9~3.35	0.9~4.0	1.6~6.7	1.4~7.6
	Heating up to +7°C	kW	3.2	3.5	6.0	7.4
	Heating (Min - Max)	kW	1.3~4.5	1.3~5.0	1.2~8.0	1.2~9.2
	Heating @ -5°C	kW	3.73	4.08	6.99	8.62
	Heating @ -10°C	kW	2.52	2.52	4.80	5.96
	Heating @ -15°C	kW	2.20	2.20	4.10	4.98
Performance						
Energy Efficiency Cooling	SEER	W/W	6.40 / A++	6.10 / A++	6.80 / A++	6.40 / A++
	Consumption	kWh/a	150	201	257	355
	Pdesignc	kW	2.8	3.5	5.0	6.5
	EER	W/W	3.35	2.87	3.6	3.33
Energy Efficiency Heating	SCOP	W/W	3.8 / A	3.8 / A	3.8 / A	3.8 / A
	Consumption	kWh/a	774	811	1400	1511
	Pdesignh (average)	kW	2.1	2.2	3.8	4.1
	COP	W/W	3.81	3.72	3.51	3.15
Moisture Removal		L/hr	1.0	1.5	2.0	2.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	9.3	10.8	15.9	17.6
	Outdoor Unit	m ³ /min				
Sound Power	Indoor Unit (Cooling)	dB(A)	54	59	58	62
	Outdoor Unit (Cooling)	dB(A)	63	65	65	68
Sound Pressure	Indoor Unit Low/High	dB(A)	19 / 37	19 / 40	25 / 41	26 / 45
	Outdoor Unit High	dB(A)	46	48	51	54
Operating Temp. Range	Cooling	°C	-10~46	-10~46	-10~46	-10~46
	Heating	°C	-15~24	-15~24	-15~24	-15~24
Electrical Data						
Power Source		V / Hz / Φ	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	820	1220	1390	1950
	Heating	W	840	940	1710	2350
Operating Current	Cooling	A	4.0	5.6	6.4	8.8
	Heating	A	4.0	4.3	7.8	10.5
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	828x267x265	828x267x265	1065x301x311	1065x301x311
	Outdoor Unit	mm	660x475x242	660x475x242	880x638x310	880x638x310
Net Weight	Indoor Unit	kg	9.4	9.4	13.2	13.4
	Outdoor Unit	kg	22.8	22.8	40.2	44.2
Refrigerant						
Refrigerant	Type	R32(Contains fluorinated greenhouse gases. GWP=675)				
	Charging (for 5m)	kg	0.7	0.7	1.15	1.15
	Charging Ton equivalent CO2	tCO2e	0.47 tCO2e	0.47 tCO2e	0.78 tCO2e	0.78 tCO2e
	Additional refrigerant charging	g / m	15	15	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8	1/2	5/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15	3 / 30	3 / 30
Piping Height	Max	m	8	8	15	15
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16	ID 16	ID 16

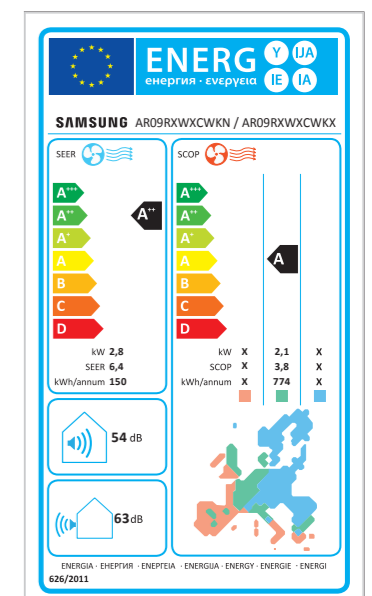
Indoor Unit			AR09RXWCWKNEU	AR12RXWCWKNEU	AR18RXWCWKNEU	AR24RXWCWKNEU
Outdoor Unit			AR09RXWCWKXEU	AR12RXWCWKXEU	AR18RXWCWKXEU	AR24RXWCWKXEU
Functions						
Air Flow	Wind-Free™ Cooling		●	●	●	●
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto	Auto	Auto
	Auto Fan speed		●	●	●	●
Air Purification	Ionizer (SPI)		-	-	-	-
	PM 2.5 Filter		-	-	-	-
	Easy Filter Plus		●	●	●	●
	Allergy Care		●	●	●	●
	Anti-Bacteria		●	●	●	●
Operating Mode	Auto Clean (Self Cleaning)		●	●	●	●
	2 Step Cooling		●	●	●	●
	Fast Cool		●	●	●	●
	Comfort Cool		●	●	●	●
	Good Sleep		●	●	●	●
	Dehumidification		●	●	●	●
	Fan Mode		●	●	●	●
	Quiet		●	●	●	●
Other Functions	WiFi Control - Samsung SmartThings		●	●	●	●
	Filter Cleaning Indicator		●	●	●	●
	Indoor Temp. Display		●	●	●	●
	Display On/Off		●	●	●	●
	Beep On/Off		●	●	●	●
	Auto Changeover		●	●	●	●
Auto Restart		●	●	●	●	

Accessory

Included



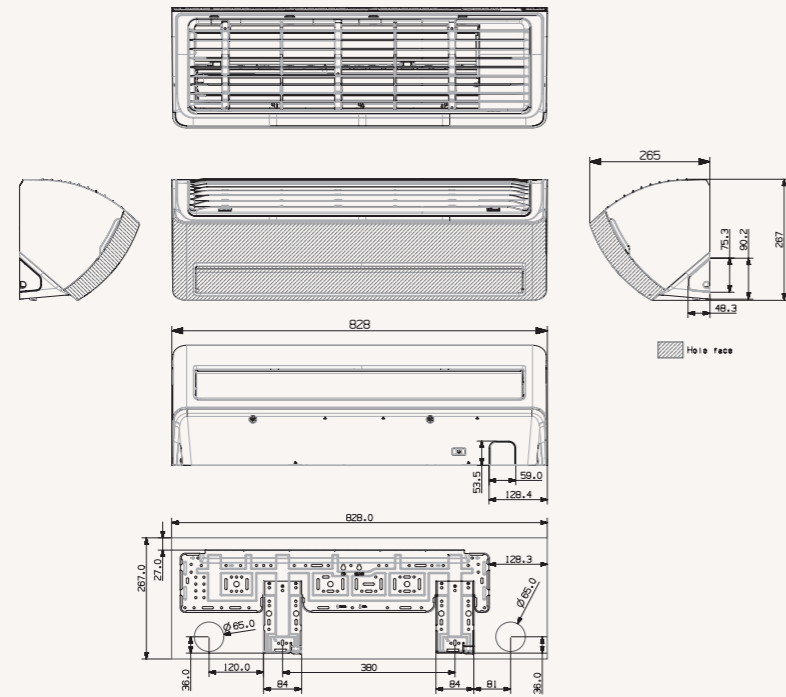
Wireless Remote Controller



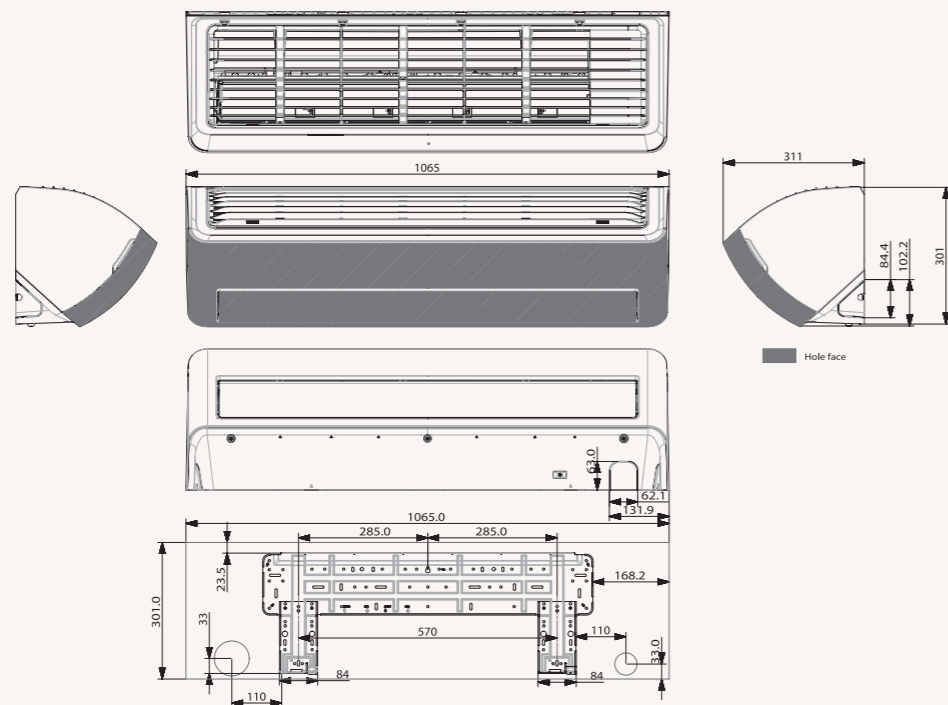
Dimensional Drawings

Wind-Free™ Standard - Indoor

AR09/12RXWCWKNEU

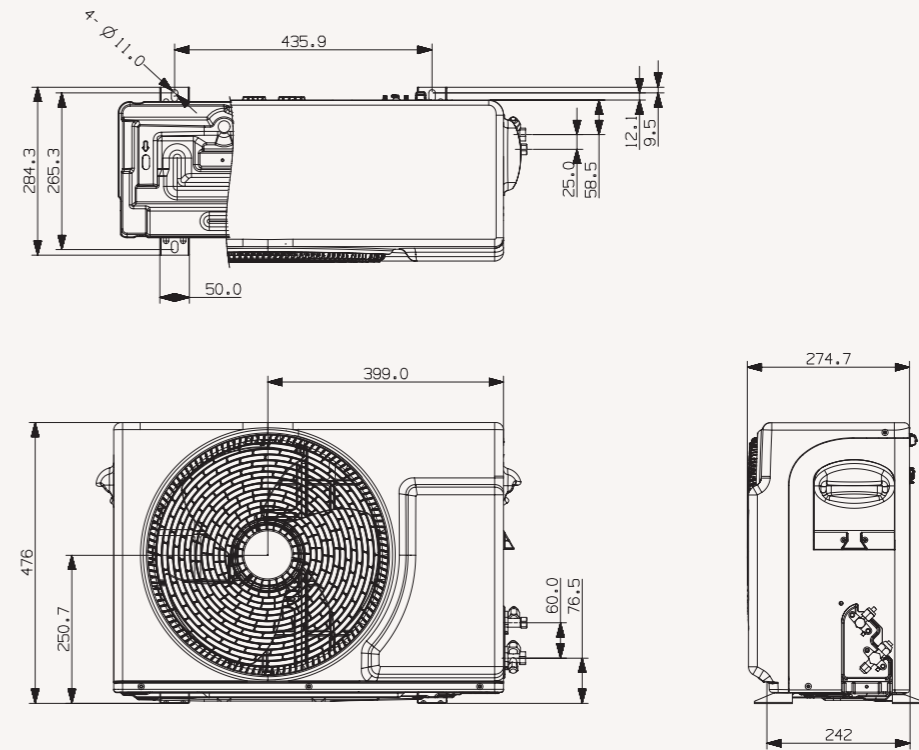


AR18/24RXWCWKNEU

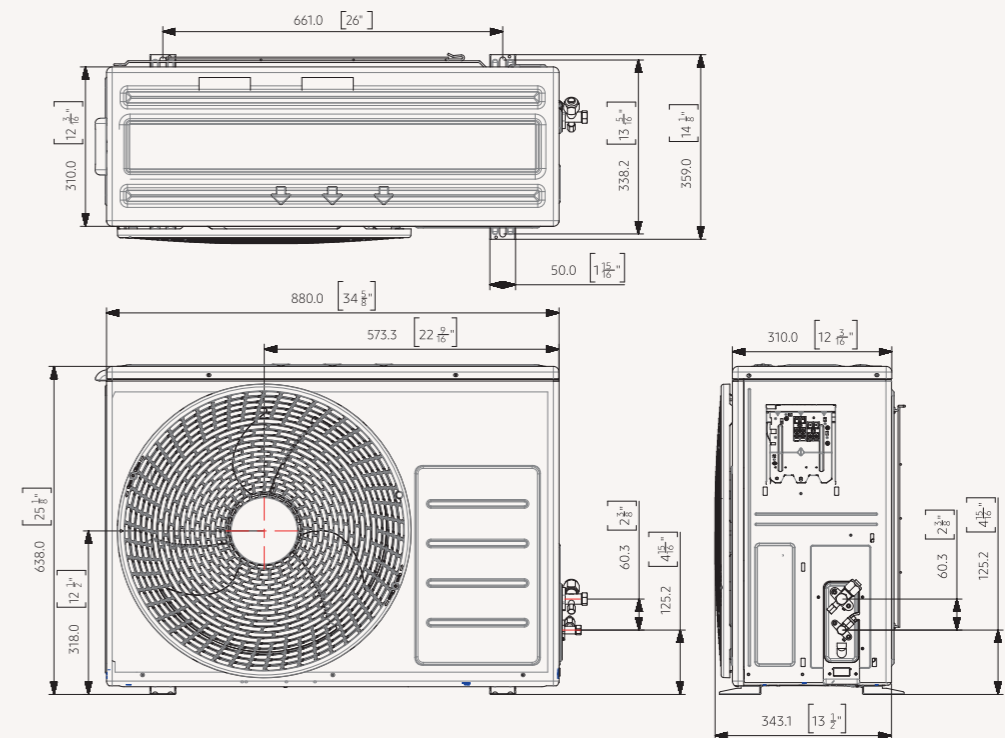


Wind-Free™ Standard - Outdoor

AR09/12RXWCWKXEU



AR18/24RXWCWKXEU



Specifications



Triangle R32

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

Indoor Unit			AR09RXWSAURNEU	AR12RXWSAURNEU
Outdoor Unit			AR09RXWSAURXEU	AR12RXWSAURXEU
Capacity				
Capacity	Cooling (Nominal)	kW	2.75	3.5
	Cooling (Min - Max)	kW	0.9~3.35	0.9~4.0
	Heating up to +7°C	kW	3.2	3.5
	Heating (Min - Max)	kW	1.3~4.5	1.3~5.0
	Heating @ -5°C	kW	3.73	4.08
	Heating @ -10°C	kW	2.52	2.52
	Heating @ -15°C	kW	2.20	2.20
Performance				
Energy Efficiency Cooling	SEER	W/W	6.4 /A++	6.10 / A++
	Consumption	kWh/a	150	201
	Pdesignc	kW	2.8	3.5
	EER	W/W	3.35	2.87
Energy Efficiency Heating	SCOP	W/W	3.8 / A	3.8 / A
	Consumption	kWh/a	774	811
	Pdesignh (average)	kW	2.1	2.2
	COP	W/W	3.81	3.72
Moisture Removal		L/hr	1.0	1.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	9.3	10.8
	Outdoor Unit	m ³ /min		
Sound Power	Indoor Unit (Cooling)	dB(A)	54	59
	Outdoor Unit (Cooling)	dB(A)	63	65
Sound Pressure	Indoor Unit Low/High	dB(A)	19/ 37	19/ 40
	Outdoor Unit High	dB(A)	46	48
Operating Temp. Range	Cooling	°C	-10~46	-10~46
	Heating	°C	-15~24	-15~24
Electrical Data				
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	820	1220
	Heating	W	840	940
Operating Current	Cooling	A	4.0	5.6
	Heating	A	4.0	4.3
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	826x261x261	826x261x261
	Outdoor Unit	mm	660x475x242	660x475x242
Net Weight	Indoor Unit	kg	9.5	9.5
	Outdoor Unit	kg	22.8	22.8
Refrigerant				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Charging (for 5m)	kg	0.7	0.7
	Charging Ton equivalent CO2	tCO2e	0.47 tCO2e	0.47 tCO2e
	Additional refrigerant charging	g / m	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15
Piping Height	Max	m	8	8
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16

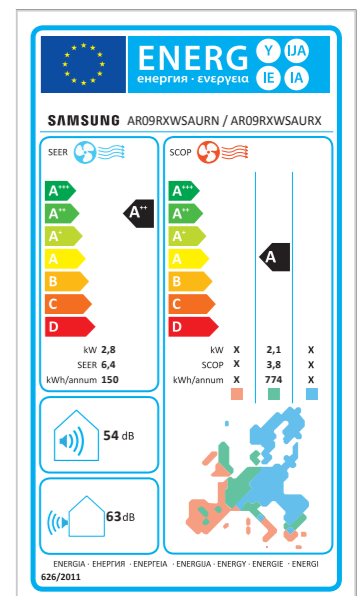
Indoor Unit			AR09RXWSAURNEU	AR12RXWSAURNEU
Outdoor Unit			AR09RXWSAURXEU	AR12RXWSAURXEU
Functions				
Air Flow	Wind-Free™ Cooling		-	-
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Manual	Manual
	Auto Fan speed		•	•
Air Purification	Ionizer (SPI)		-	-
	PM 2.5 Filter		-	-
	Easy Filter Plus		•	•
	Allergy Care		•	•
	Anti-Bacteria		•	•
Operating Mode	Auto Clean (Self Cleaning)		•	•
	2 Step Cooling		•	•
	Fast Cool		•	•
	Comfort Cool		•	•
	Good Sleep		•	•
	Dehumidification		•	•
	Fan Mode		•	•
Other Functions	Quiet		•	•
	WiFi Control - Samsung SmartThings		•	•
	Filter Cleaning Indicator		•	•
	Indoor Temp. Display		•	•
	Display On/Off		•	•
	Beep On/Off		•	•
Auto Changeover		•	•	
Auto Restart		•	•	

Accessory

Included



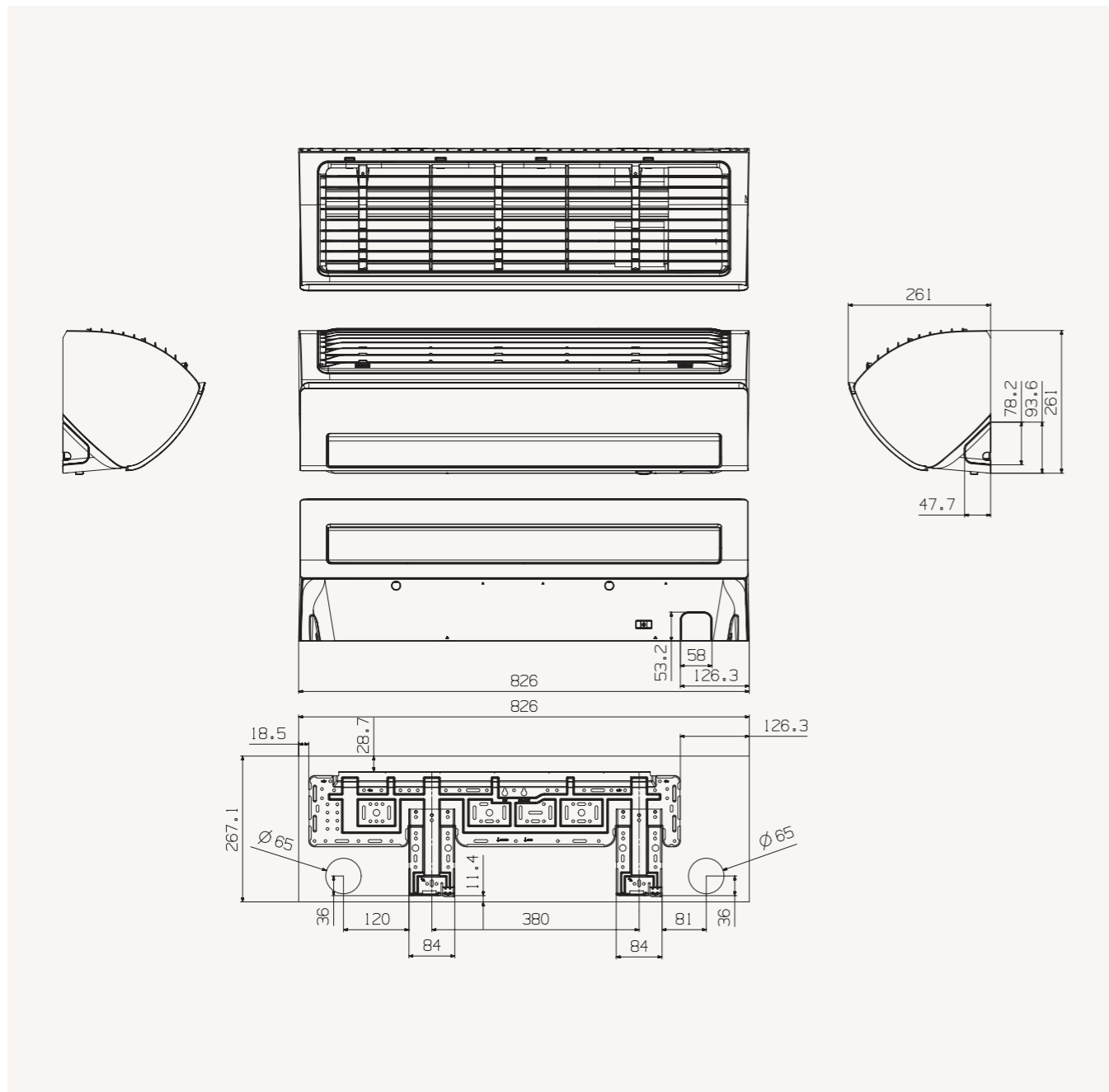
Wireless Remote Controller



Dimensional Drawings

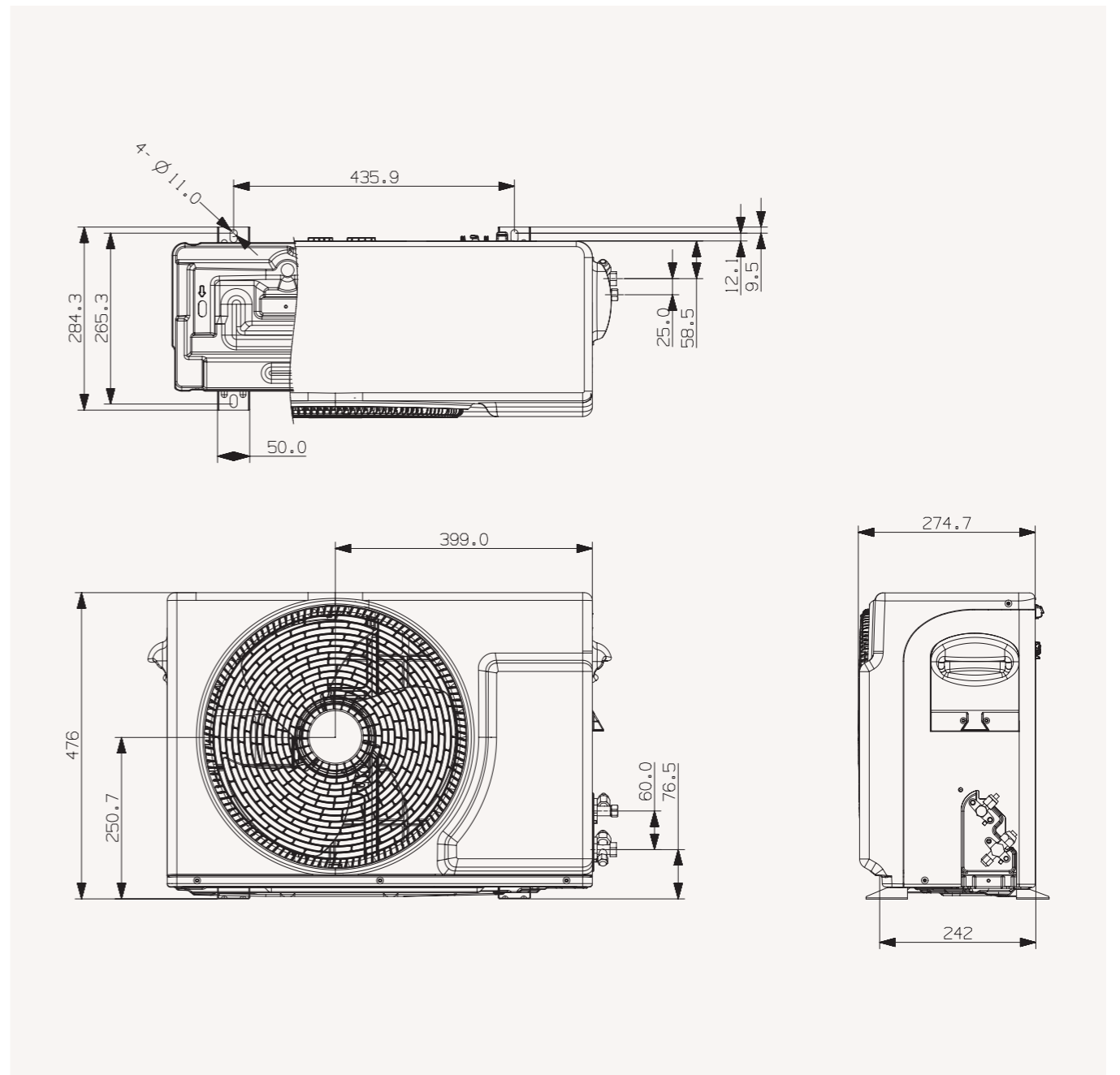
Triangle - Indoor

AR09/12RXWSAURNEU



Triangle - Outdoor

AR09/12RXWSAURXEU



Specifications



Boracay R32

• 3-Care Filter

Indoor Unit			AR09NXFHBWKNEU	AR12NXFHBWKNEU	AR18RXFHBWKNEU	AR24RXFHBWKNEU
Outdoor Unit			AR09NXFHBWKXEU	AR12NXFHBWKXEU	AR18RXFHBWKXEU	AR24RXFHBWKXEU
Capacity						
Capacity	Cooling (Nominal)	kW	2.5	3.5	5.0	6.5
	Cooling (Min - Max)	kW	0.9~3.30	0.90~4.00	1.6~6.6	1.4~7.6
	Heating up to +7°C	kW	3.2	3.5	6.0	7.4
	Heating (Min - Max)	kW	1.10~4.9	1.10~5.50	1.2~8.0	1.2~9.2
	Heating @ -5°C	kW	2.79	3.04	6.99	8.62
	Heating @ -10°C	kW	2.55	2.78	4.75	5.98
	Heating @ -15°C	kW	2.33	2.54	4.04	5.13
Performance						
Energy Efficiency Cooling	SEER	W/W	7.1 / A++	6.5 / A++	6.80 / A++	6.40 / A++
	Consumption	kWh/a	123	188	257	355
	Pdesignc	kW	2.5	3.5	5.0	6.5
	EER	W/W	4.17	3.5	3.6	3.33
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.8 / A	3.8 / A
	Consumption	kWh/a	770	770	1400	1511
	Pdesignh (average)	kW	2.2	2.2	3.8	4.1
	COP	W/W	3.76	3.72	3.44	3.15
Moisture Removal		L/hr	1.0	1.5	2.0	2.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	9.2	11.3	16.1	18.3
	Outdoor Unit	m ³ /min	2400	2400		
Sound Power	Indoor Unit (Cooling)	dB(A)	56	59	58	63
	Outdoor Unit (Cooling)	dB(A)	59	62	65	69
Sound Pressure	Indoor Unit Low/High	dB(A)	21 / 38	21 / 42	25 / 42	29 / 45
	Outdoor Unit High	dB(A)	45	47	51	54
Operating Temp. Range	Cooling	°C	-10~46	-10~46	-10~46	-10~46
	Heating	°C	-15~24	-15~24	-15~24	-15~24
Electrical Data						
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type	Outdoor Unit	Type	8-POLE	8-POLE	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	600	1000	1390	1950
	Heating	W	850	940	1745	2350
Operating Current	Cooling	A	3.1	4.6	6.4	8.8
	Heating	A	4.0	4.4	7.9	10.5
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	820x285x227	820x285x227	1065x298x243	1065x298x243
	Outdoor Unit	mm	720x548x265	720x548x265	880x638x310	880x638x310
Net Weight	Indoor Unit	kg	8.5	8.5	11.6	11.6
	Outdoor Unit	kg	27.6	27.6	40.2	44.2
Refrigerant						
Refrigerant	Type	R32(Contains fluorinated greenhouse gases. GWP=675)				
	Charging (for 5m)	kg	0.75	0.75	1.15	1.15
	Charging Ton equivalent CO2	tCO2e	0.51 tCO2e	0.51 tCO2e	0.78 tCO2e	0.78 tCO2e
	Additional refrigerant charging	g / m	15	15	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8	1/2	5/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15	3 / 30	3 / 30
Piping Height	Max	m	8	8	15	15
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16	ID 16	ID 16

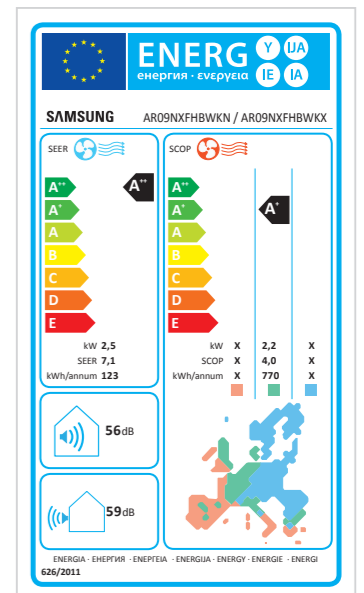
Indoor Unit			AR09NXFHBWKNEU	AR12NXFHBWKNEU	AR18RXFHBWKNEU	AR24RXFHBWKNEU
Outdoor Unit			AR09NXFHBWKXEU	AR12NXFHBWKXEU	AR18RXFHBWKXEU	AR24RXFHBWKXEU
Functions						
Air Flow	Wind-Free™ Cooling		-	-	-	-
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Manual	Manual	Manual	Manual
	Auto Fan speed		●	●	●	●
Air Purification	Ionizer (SPI)		-	-	-	-
	PM 2.5 Filter		-	-	-	-
	Easy Filter Plus		-	-	-	-
	Allergy Care		●	●	●	●
	Anti-Bacteria		●	●	●	●
Operating Mode	Auto Clean (Self Cleaning)		●	●	●	●
	2 Step Cooling		●	●	●	●
	Fast Cool		●	●	●	●
	Comfort Cool		●	●	●	●
	Good Sleep		●	●	●	●
	Dehumidification		●	●	●	●
	Fan Mode		●	●	●	●
	Quiet		●	●	●	●
Other Functions	WiFi Control - Samsung SmartThings		-	-	-	-
	Filter Cleaning Indicator		●	●	●	●
	Indoor Temp. Display		●	●	●	●
	Display On/Off		●	●	●	●
	Beep On/Off		●	●	●	●
	Auto Changeover		●	●	●	●
	Auto Restart		●	●	●	●

Accessory

Included



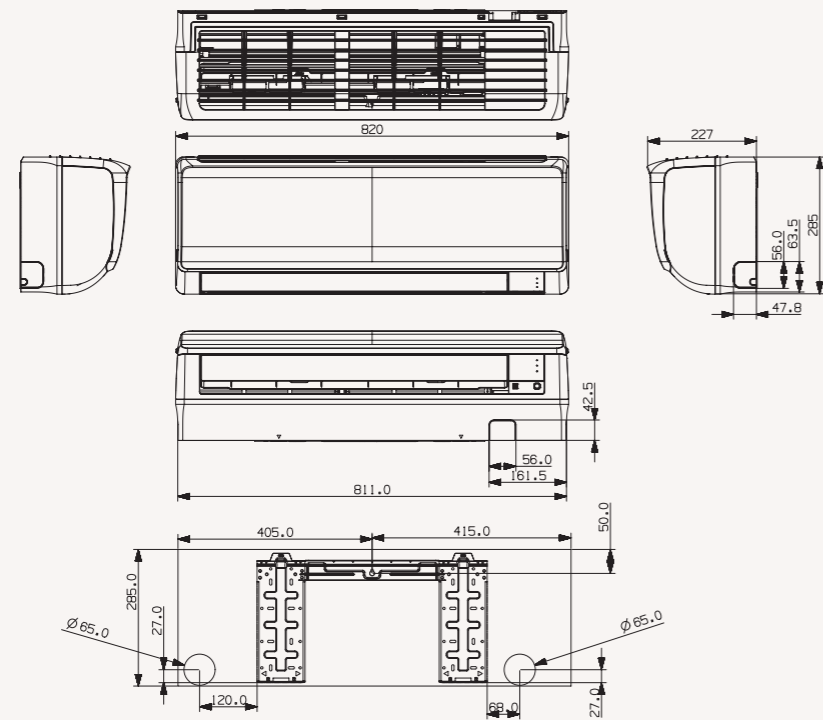
Wireless Remote Controller



Dimensional Drawings

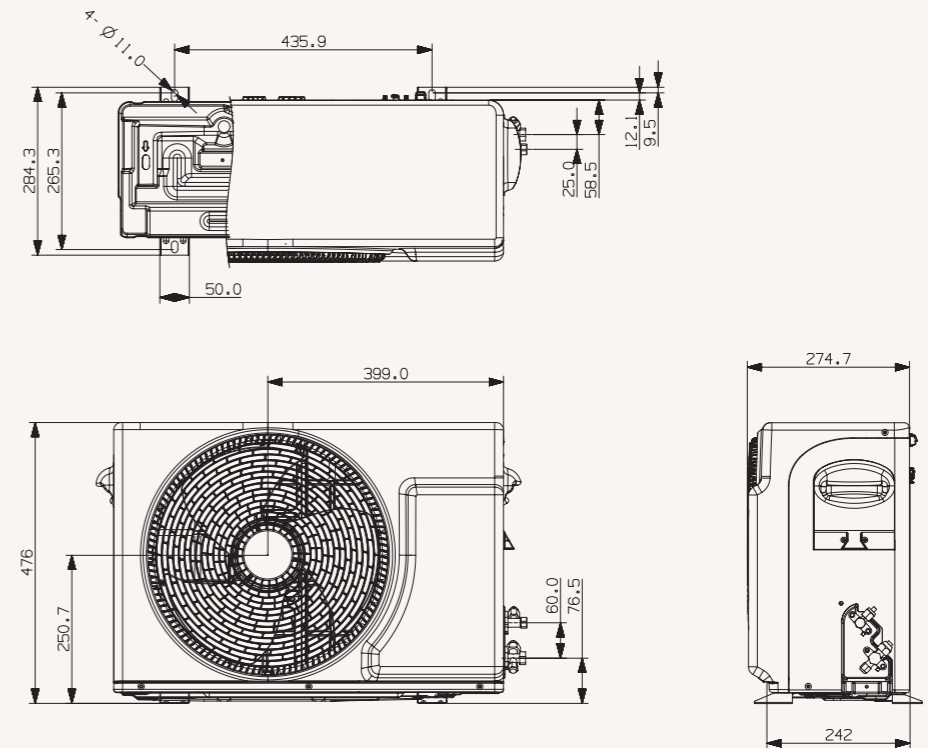
Boracay - Indoor

AR09/12RXFHBWKNEU

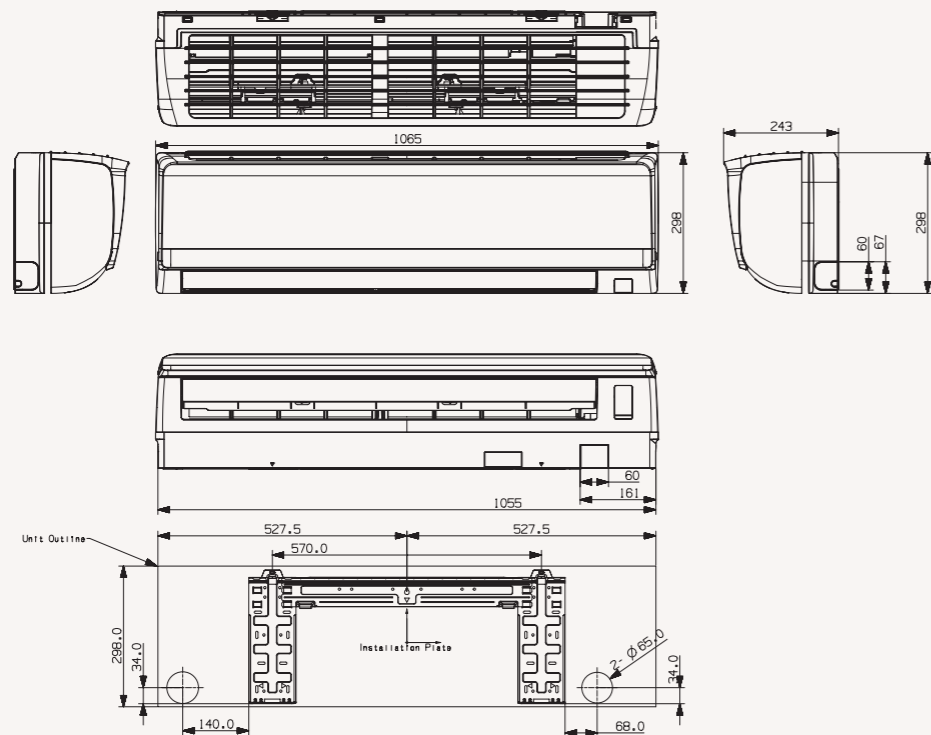


Boracay - Outdoor

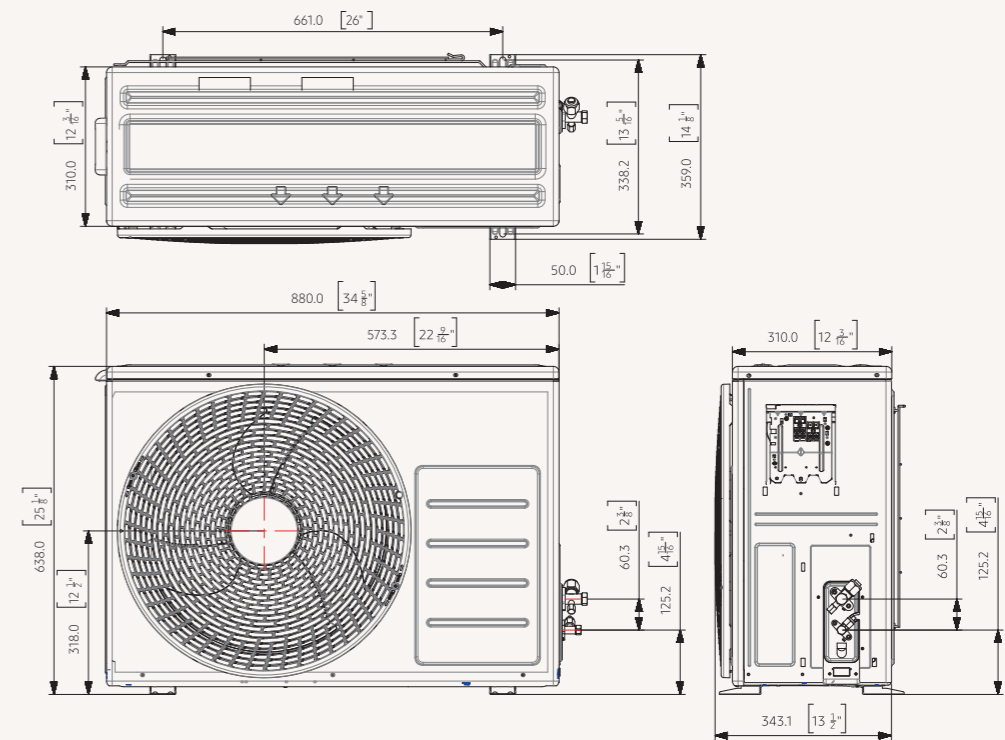
AR09/12RXWCWKXEU



AR18/24RXFHBWKNEU



AR18/24RXFHBWKXEU



Specifications



Maldives R32

• 3-Care Filter

Indoor Unit			AR09RXFPEWQNEU	AR12RXFPEWQNEU	AR18RXFPEWQNEU	AR24RXFPEWQNEU
Outdoor Unit			AR09RXFPEWQXEU	AR12RXFPEWQXEU	AR18RXFPEWQXEU	AR24RXFPEWQXEU
Capacity						
Capacity	Cooling (Nominal)	kW	2.75	3.5	5.0	6.5
	Cooling (Min - Max)	kW	0.9~3.35	0.9~4.0	1.6~6.6	1.4~7.6
	Heating up to +7°C	kW	3.2	3.5	6.0	7.4
	Heating (Min - Max)	kW	1.3~4.5	1.3~4.9	1.2~8.0	1.2~9.2
	Heating @ -5°C	kW	2.62	2.94	6.99	8.62
	Heating @ -10°C	kW	2.40	2.69	4.75	5.98
Heating @ -15°C	kW	2.20	2.46	4.04	5.13	
Performance						
Energy Efficiency Cooling	SEER	W/W	6.40 / A++	6.10 / A++	6.80 / A++	6.40 / A++
	Consumption	kWh/a	150	201	257	355
	Pdesignc	kW	2.8	3.5	5.0	6.5
	EER	W/W	3.35	2.87	3.6	3.33
Energy Efficiency Heating	SCOP	W/W	3.8 / A	3.8 / A	3.8 / A	3.8 / A
	Consumption	kWh/a	774	811	1400	1511
	Pdesignh (average)	kW	2.1	2.2	3.8	4.1
	COP	W/W	3.76	3.72	3.44	3.15
Moisture Removal		L/hr	1.0	1.5	2.0	2.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	9.2	11.3	16.1	18.3
	Outdoor Unit	m ³ /min				
Sound Power	Indoor Unit (Cooling)	dB(A)	56	59	58	63
	Outdoor Unit (Cooling)	dB(A)	63	65	65	69
Sound Pressure	Indoor Unit Low/High	dB(A)	21 / 38	21 / 42	25 / 42	29 / 45
	Outdoor Unit High	dB(A)	46	48	51	54
Operating Temp. Range	Cooling	°C	-10~46	-10~46	-10~46	-10~46
	Heating	°C	-15~24	-15~24	-15~24	-15~24
Electrical Data						
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary	BLDC Rotary	BLDC Rotary
Power consumption	Cooling	W	820	1220	1390	1950
	Heating	W	850	940	1745	2350
Operating Current	Cooling	A	4.0	5.6	6.4	8.8
	Heating	A	4.0	4.3	7.9	10.5
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	820x285x215	820x285x215	1065x298x230	1065x298x230
	Outdoor Unit	mm	660x475x242	660x475x242	880x638x310	880x638x310
Net Weight	Indoor Unit	kg	8.0	8.0	11.6	11.6
	Outdoor Unit	kg	22.8	22.8	40.2	44.2
Refrigerant						
Refrigerant	Type	R32(Contains fluorinated greenhouse gases. GWP=675)				
Refrigerant	Charging (for 5m)	kg	0.7	0.7	1.15	1.15
	Charging Ton equivalent CO2	tCO2e	0.47 tCO2e	0.47 tCO2e	0.78 tCO2e	0.78 tCO2e
	Additional refrigerant charging	g / m	15	15	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4	1/4	1/4	1/4
	Gas Pipe	Φ,inch	3/8	3/8	1/2	5/8
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15	3 / 30	3 / 30
Piping Height	Max	m	8	8	15	15
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16	ID 16	ID 16

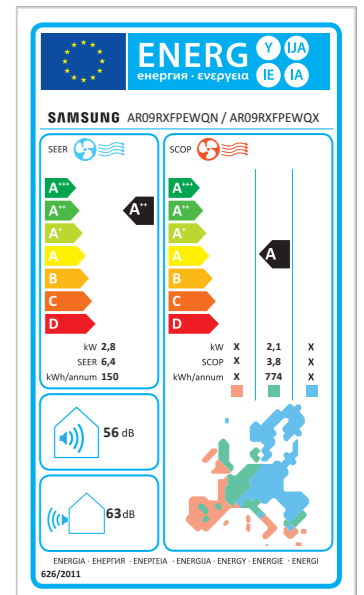
Indoor Unit			AR09RXFPEWQNEU	AR12RXFPEWQNEU	AR18RXFPEWQNEU	AR24RXFPEWQNEU
Outdoor Unit			AR09RXFPEWQXEU	AR12RXFPEWQXEU	AR18RXFPEWQXEU	AR24RXFPEWQXEU
Functions						
Air Flow	Wind-Free™ Cooling		-	-	-	-
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Manual	Manual	Manual	Manual
	Auto Fan speed		●	●	●	●
Air Purification	Ionizer (SPI)		-	-	-	-
	PM 2.5 Filter		-	-	-	-
	Easy Filter Plus		-	-	-	-
	Allergy Care		●	●	●	●
	Anti-Bacteria		●	●	●	●
Operating Mode	Auto Clean (Self Cleaning)		●	●	●	●
	2 Step Cooling		●	●	●	●
	Fast Cool		●	●	●	●
	Comfort Cool		●	●	●	●
	Good Sleep		●	●	●	●
	Dehumidification		●	●	●	●
	Fan Mode		●	●	●	●
Other Functions	Quiet		●	●	●	●
	WiFi Control - Samsung SmartThings		-	-	-	-
	Filter Cleaning Indicator		-	-	-	-
	Indoor Temp. Display		-	-	-	-
	Display On/Off		●	●	●	●
	Beep On/Off		●	●	●	●
	Auto Changeover		●	●	●	●
Auto Restart		●	●	●	●	

Accessory

Included



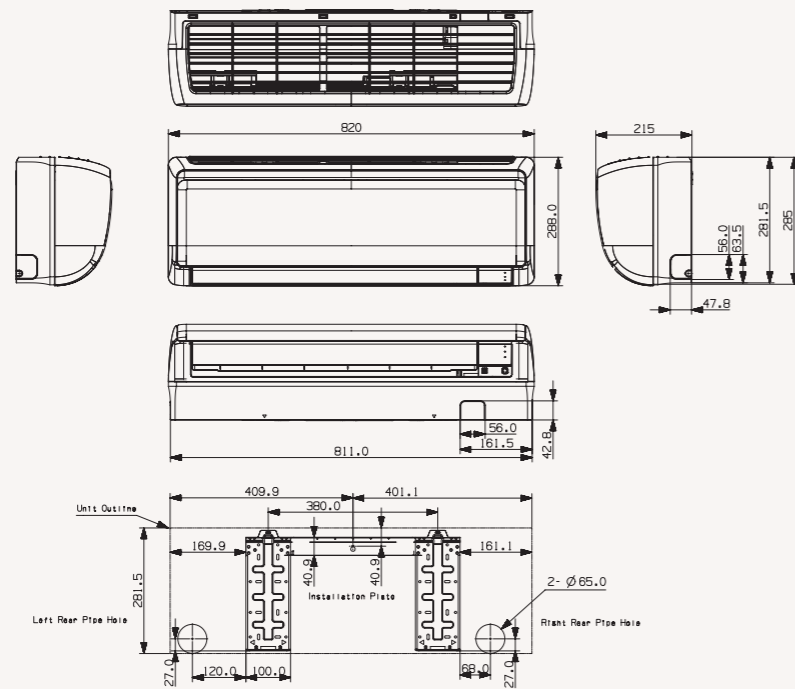
Wireless Remote Controller



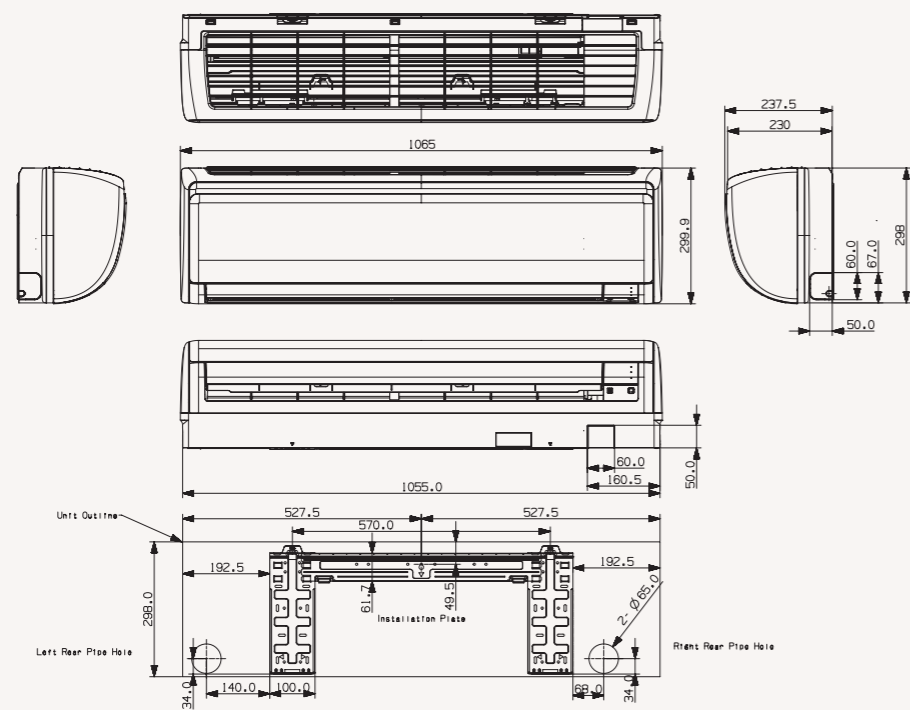
Dimensional Drawings

Maldives - Indoor

AR09/12RXFPEWQNEU

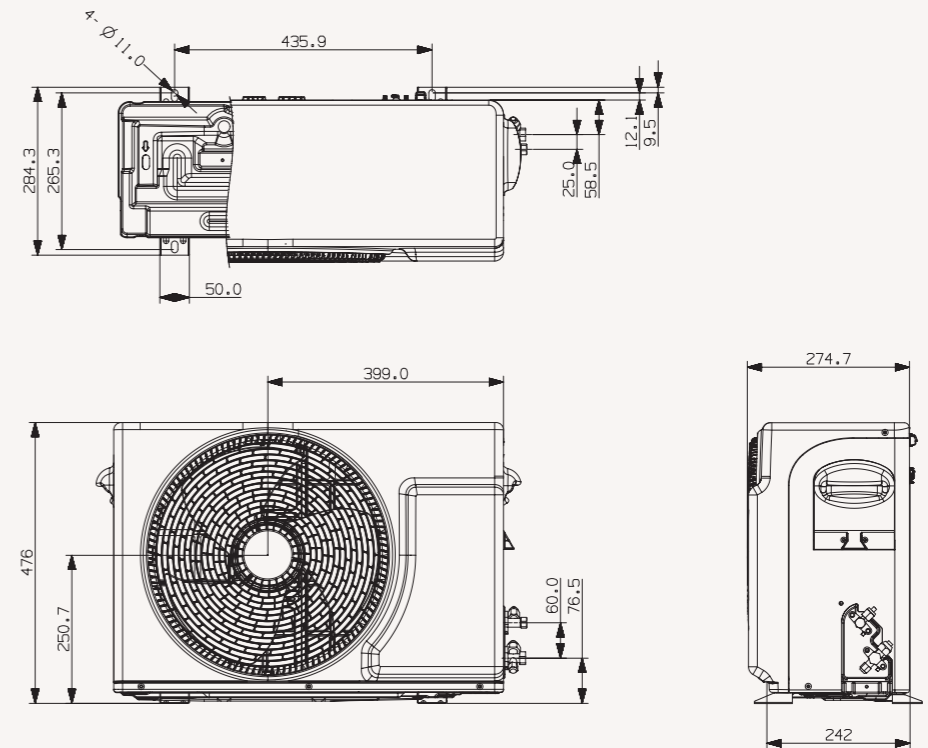


AR18/24RXFPEWQNEU

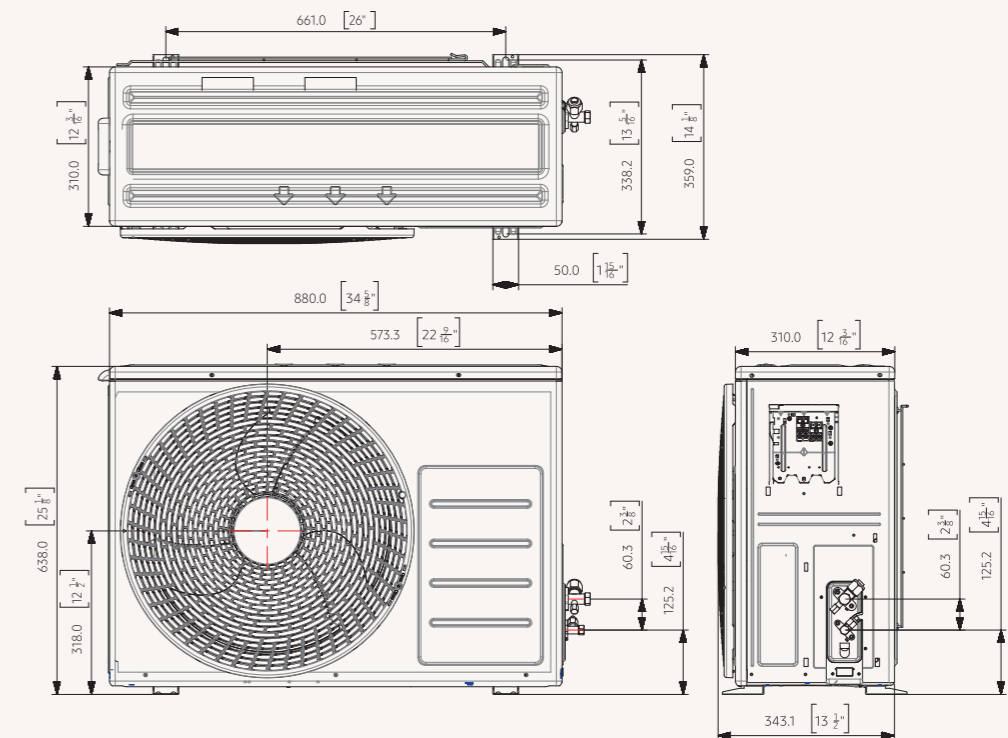


Maldives - Outdoor

AR09/12RXWCWKXEU



AR18/24RXFBWKXEU



Specifications



Nordic Smart R32

- Ionizer (SPI)
- Easy Filter Plus
- Wi-Fi Control - Samsung SmartThings

Indoor Unit			AR09NXDPWKNEE	AR12NXDPWKNEE
Outdoor Unit			AR09NXDPWKXEE	AR12NXDPWKXEE
Capacity				
Capacity	Cooling (Nominal)	kW	2.5	3.5
	Cooling (Min - Max)	kW	0.9 ~ 3.6	0.9 ~ 4.2
	Heating up to +7°C	kW	3.2	4.0
	Heating (Min - Max)	kW	0.8 ~ 7.1	0.8 ~ 7.3
	Heating @ -5°C	kW		
	Heating @ -10°C	kW		TBD
	Heating @ -15°C	kW		TBD
Performance				
Energy Efficiency Cooling	SEER	W/W	8.8 / A+++	8.5 / A+++
	Consumption	kWh/a	99	144
	Pdesignc	kW		TBD
	EER	W/W	4.63	3.95
Energy Efficiency Heating	SCOP	W/W	4.9 / A++	4.8 / A++
	Consumption	kWh/a	657	875
	Pdesignh (average)	kW		TBD
	COP	W/W	4.74	4.26
Moisture Removal		L/hr	1.0	1.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	10.2	10.9
	Outdoor Unit	m ³ /min		TBD
Sound Power	Indoor Unit (Cooling)	dB(A)	56	58
	Outdoor Unit (Cooling)	dB(A)	59	62
Sound Pressure	Indoor Unit Low/High	dB(A)	17 / 38	17 / 40
	Outdoor Unit High	dB(A)	44	45
Operating Temp. Range	Cooling	°C	-15~46	-15~46
	Heating	°C	-30~24	-30~24
Electrical Data				
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type	Outdoor Unit	Type	Rotary	Rotary
Power consumption	Cooling	W	540	885
	Heating	W	675	940
Operating Current	Cooling	A	2.9	4.1
	Heating	A	3.4	4.4
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	896x261x261	896x261x261
	Outdoor Unit	mm	790x548x285	790x548x285
Net Weight	Indoor Unit	kg	11.8	11.8
	Outdoor Unit	kg	35	35
Refrigerant				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Charging (for 5m)	kg	1.05	1.05
	Charging Ton equivalent CO2	tCO2e	0.71 tCO2e	0.71 tCO2e
	Additional refrigerant charging	g / m	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4"	1/4"
	Gas Pipe	Φ,inch	3/8"	3/8"
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15
Piping Height	Max	m	8	8
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16

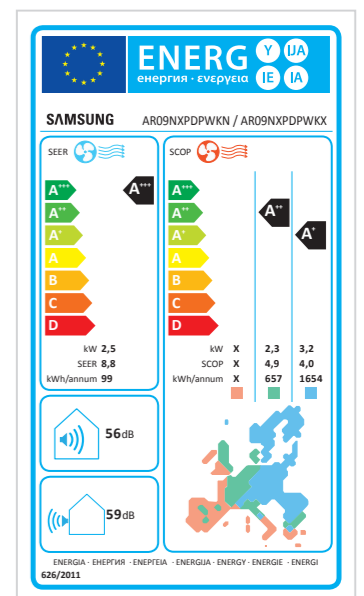
Indoor Unit			AR09NXDPWKNEE	AR12NXDPWKNEE
Outdoor Unit			AR09NXDPWKXEE	AR12NXDPWKXEE
Functions				
Air Flow	Wind-Free™ Cooling		-	-
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto
	Auto Fan speed		•	•
Air Purification	Ionizer (SPI)		•	•
	PM 2.5 Filter		-	-
	Easy Filter Plus		•	•
	Allergy Care		•	•
	Anti-Bacteria		•	•
Operating Mode	Auto Clean (Self Cleaning)		•	•
	2 Step Cooling		•	•
	Fast Cool		•	•
	Comfort Cool		•	•
	Good Sleep		•	•
	Dehumidification		•	•
	Fan Mode		•	•
	Quiet		•	•
Other Functions	WiFi Control - Samsung SmartThings		•	•
	Filter Cleaning Indicator		•	•
	Indoor Temp. Display		•	•
	Display On/Off		•	•
	Beep On/Off		•	•
	Auto Changeover		•	•
	Auto Restart		•	•

Accessory

Included



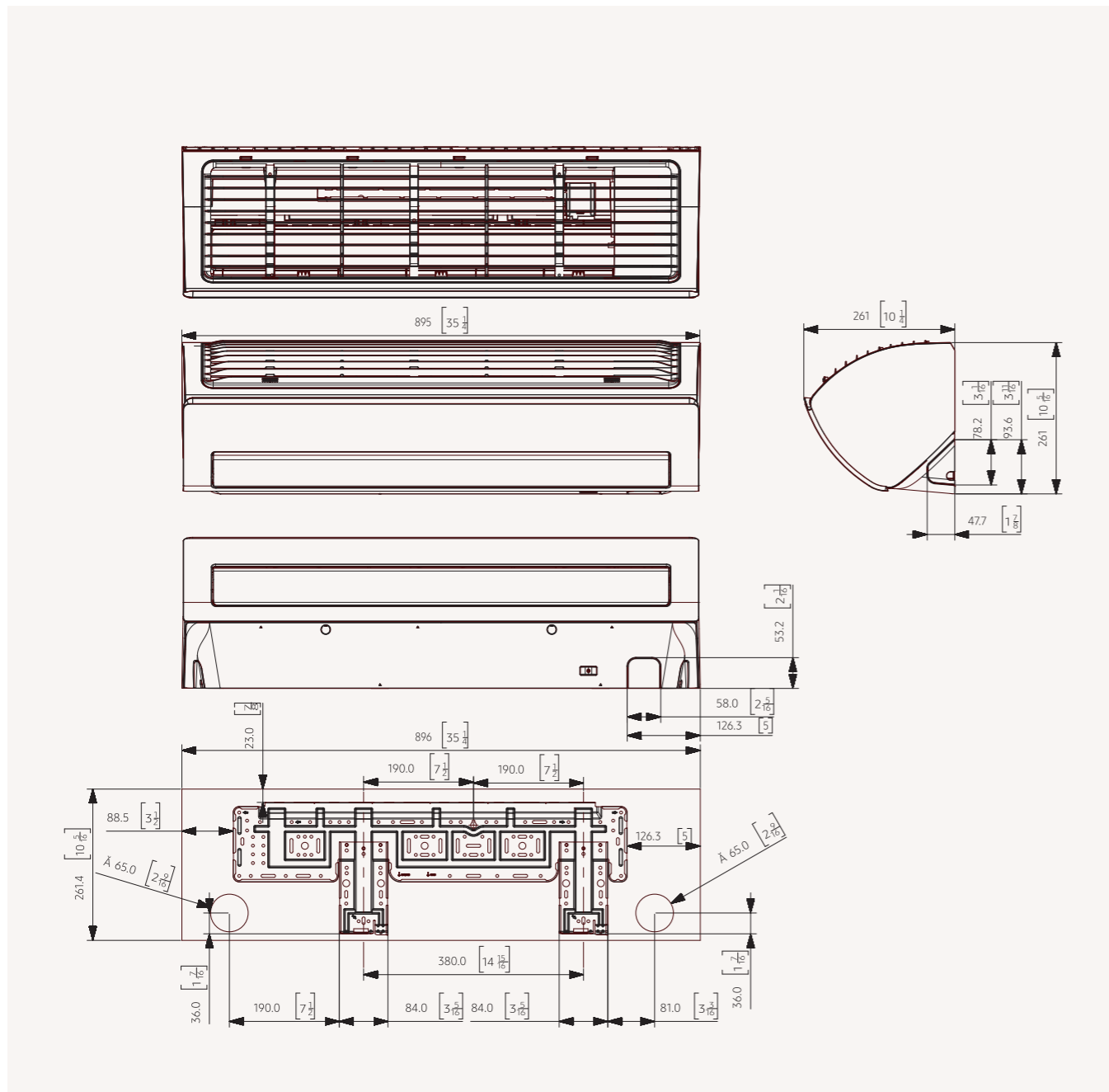
Wireless Remote Controller



Dimensional Drawings

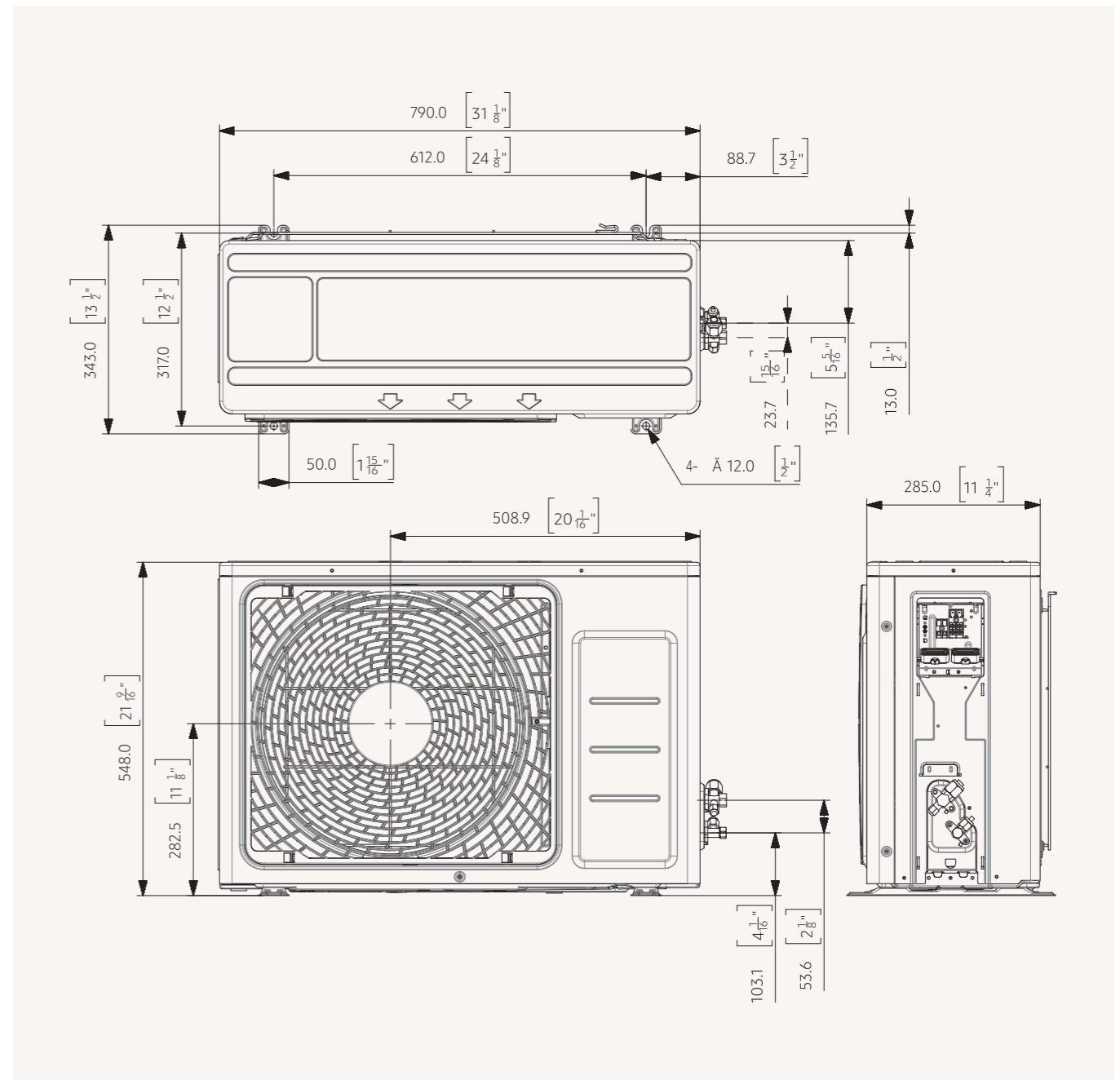
Nordic Smart - Indoor

AR09/12NXPDPWKNEE



Nordic Smart - Outdoor

AR09/12NXPDPWKXEE



Specifications

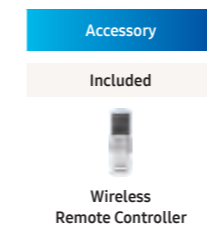


Nordic Comfort R32

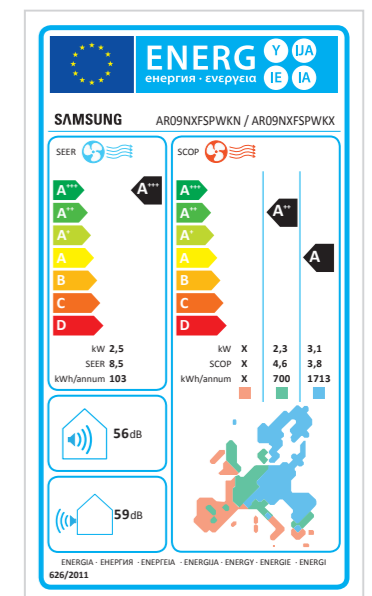
- Easy Filter Plus

Indoor Unit			AR09NXFSPWKNEE	AR12NXFSPWKNEE
Outdoor Unit			AR09NXFSPWKXEE	AR12NXFSPWKXEE
Capacity				
Capacity	Cooling (Nominal)	kW	2.5	3.5
	Cooling (Min - Max)	kW	0.9 ~ 3.4	0.9 ~ 4.2
	Heating up to +7°C	kW	3.2	4.0
	Heating (Min - Max)	kW	0.8 ~ 7.0	0.8 ~ 7.2
	Heating @ -5°C	kW		
	Heating @ -10°C	kW		TBD
	Heating @ -15°C	kW		TBD
Performance				
Energy Efficiency Cooling	SEER	W/W	8.5 / A+++	7.7 / A++
	Consumption	kWh/a	103	159
	Pdesignc	kW		TBD
	EER	W/W	4.55	3.85
Energy Efficiency Heating	SCOP	W/W	4.6 / A++	4.5 / A+
	Consumption	kWh/a	700	933
	Pdesignh (average)	kW		TBD
	COP	W/W	4.51	4.04
Moisture Removal		L/hr	1.0	1.5
Maximum AirFlow (Cooling)	Indoor Unit	m ³ /min	9.8	10.5
	Outdoor Unit	m ³ /min		TBD
Sound Power	Indoor Unit (Cooling)	dB(A)	56	58
	Outdoor Unit (Cooling)	dB(A)	59	62
Sound Pressure	Indoor Unit Low/High	dB(A)	17 / 38	17 / 40
	Outdoor Unit High	dB(A)	44	45
Operating Temp. Range	Cooling	°C	-15~46	-15~46
	Heating	°C	-25~24	-25~24
Electrical Data				
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type	Outdoor Unit	Type	Rotary	Rotary
Power consumption	Cooling	W	550	910
	Heating	W	710	990
Operating Current	Cooling	A	2.8	4.2
	Heating	A	3.5	4.6
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	896x261x261	896x261x261
	Outdoor Unit	mm	790x548x285	790x548x285
Net Weight	Indoor Unit	kg	10.8	10.8
	Outdoor Unit	kg	33.6	33.6
Refrigerant				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Charging (for 5m)	kg	0.92	0.92
	Charging Ton equivalent CO2	tCO2e	0.62 tCO2e	0.62 tCO2e
	Additional refrigerant charging	g / m	15	15
Piping Connections	Liquid Pipe	Φ,inch	1/4"	1/4"
	Gas Pipe	Φ,inch	3/8"	3/8"
Piping Length	Min / Max (ODU to IDU)	m	3 / 15	3 / 15
Piping Height	Max	m	8	8
Piping Connections	Drain Pipe	Φ,mm	ID 16	ID 16

Indoor Unit			AR09NXFSPWKNEE	AR12NXFSPWKNEE
Outdoor Unit			AR09NXFSPWKXEE	AR12NXFSPWKXEE
Functions				
Air Flow	Wind-Free™ Cooling		-	-
	Air Direction Control (Up/Down)		Auto	Auto
	Air Direction Control (Left/Right)		Manual	Manual
	Auto Fan speed		●	●
Air Purification	Ionizer (SPI)		-	-
	PM 2.5 Filter		-	-
	Easy Filter Plus		●	●
	Allergy Care		●	●
	Anti-Bacteria		●	●
Operating Mode	Auto Clean (Self Cleaning)		●	●
	2 Step Cooling		●	●
	Fast Cool		●	●
	Comfort Cool		●	●
	Good Sleep		●	●
	Dehumidification		●	●
	Fan Mode		●	●
	Quiet		●	●
Other Functions	WiFi Control - Samsung SmartThings		-	-
	Filter Cleaning Indicator		●	●
	Indoor Temp. Display		●	●
	Display On/Off		●	●
	Beep On/Off		●	●
	Auto Changeover		●	●
Auto Restart		●	●	



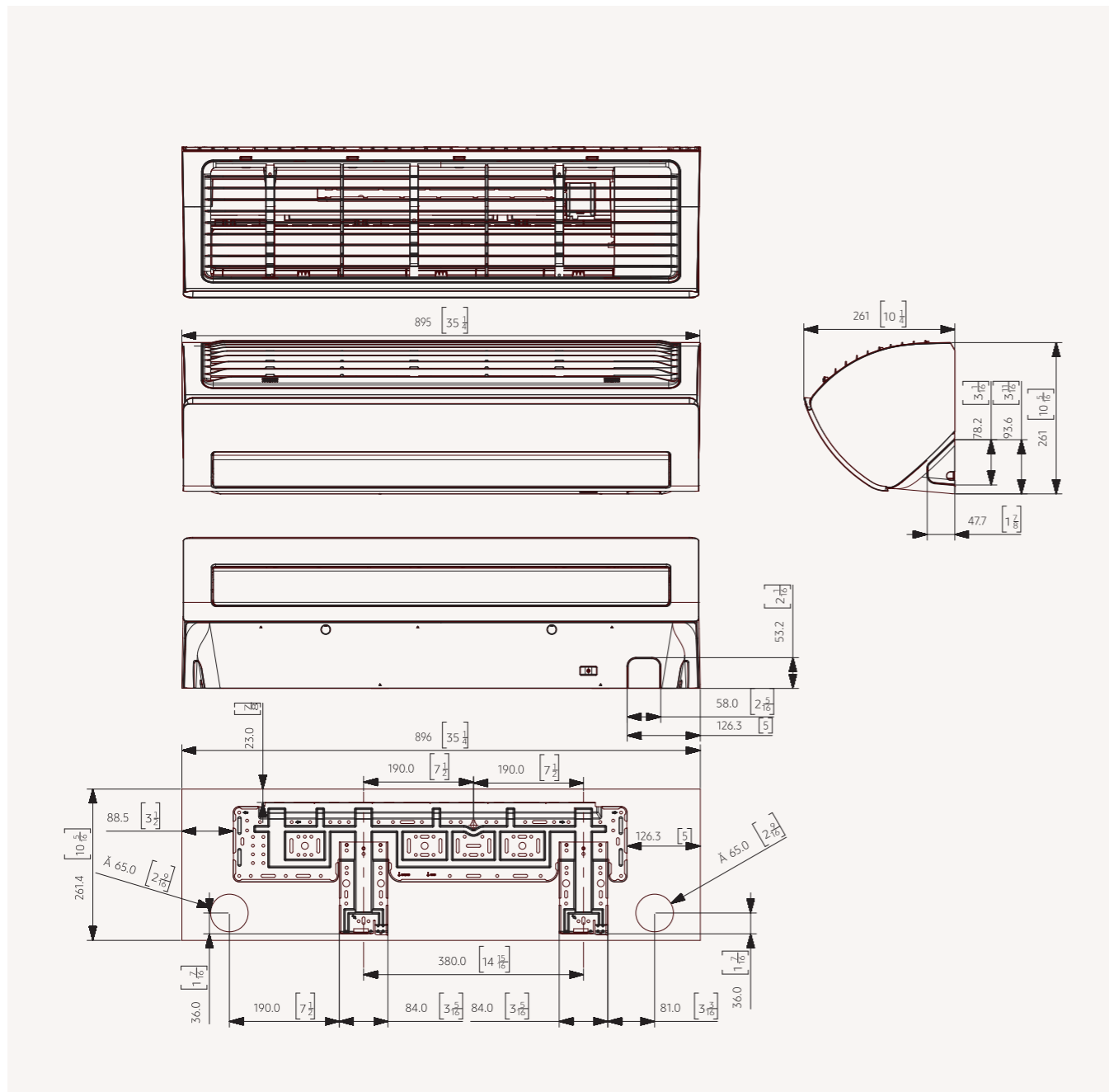
Wireless Remote Controller



Dimensional Drawings

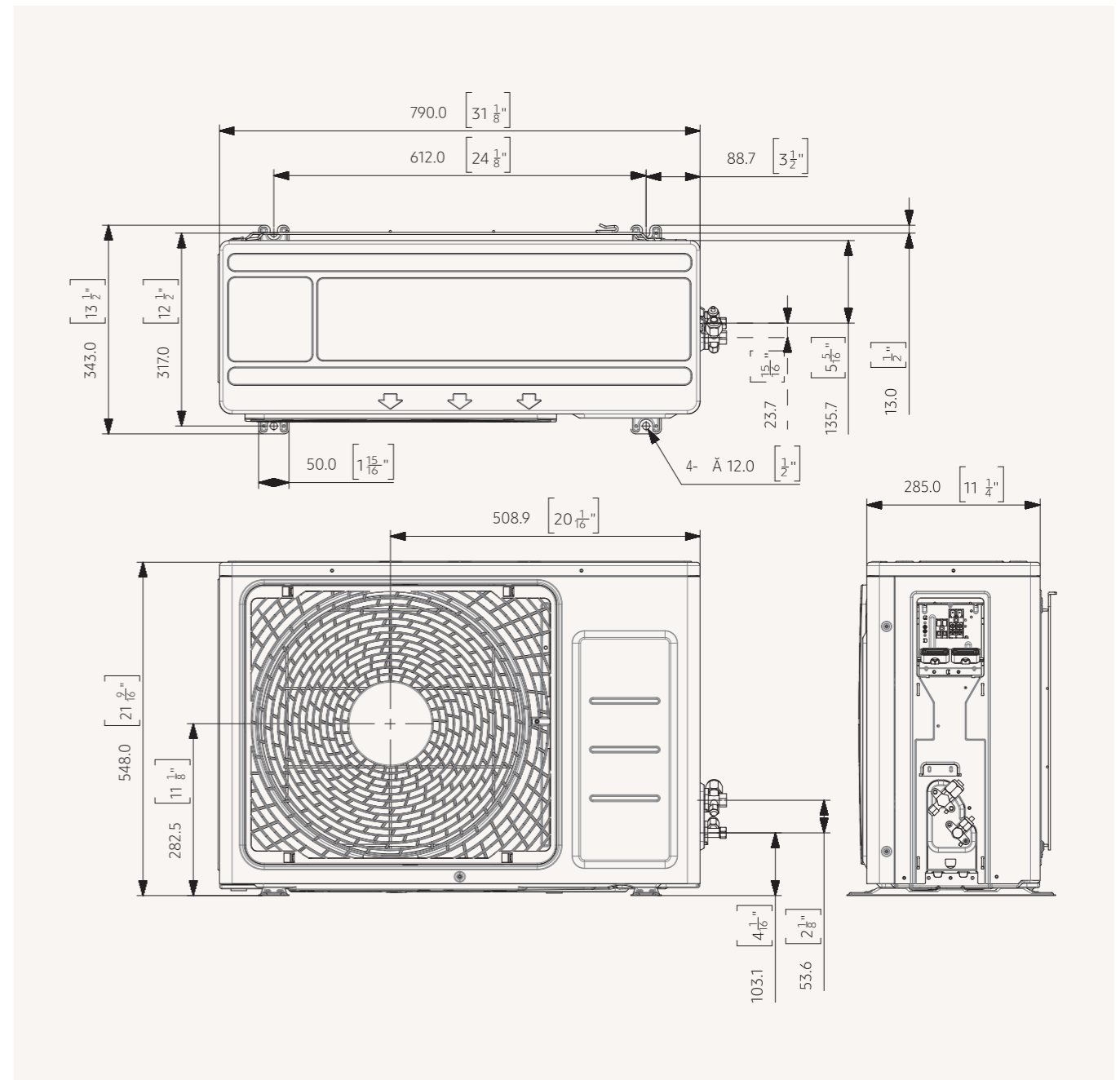
Nordic Comfort - Indoor

AR09/12NXFSPWKNEE



Nordic Comfort - Outdoor

AR09/12NXFSPWKXEE







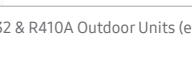


Multi Split



Lineup

Indoor

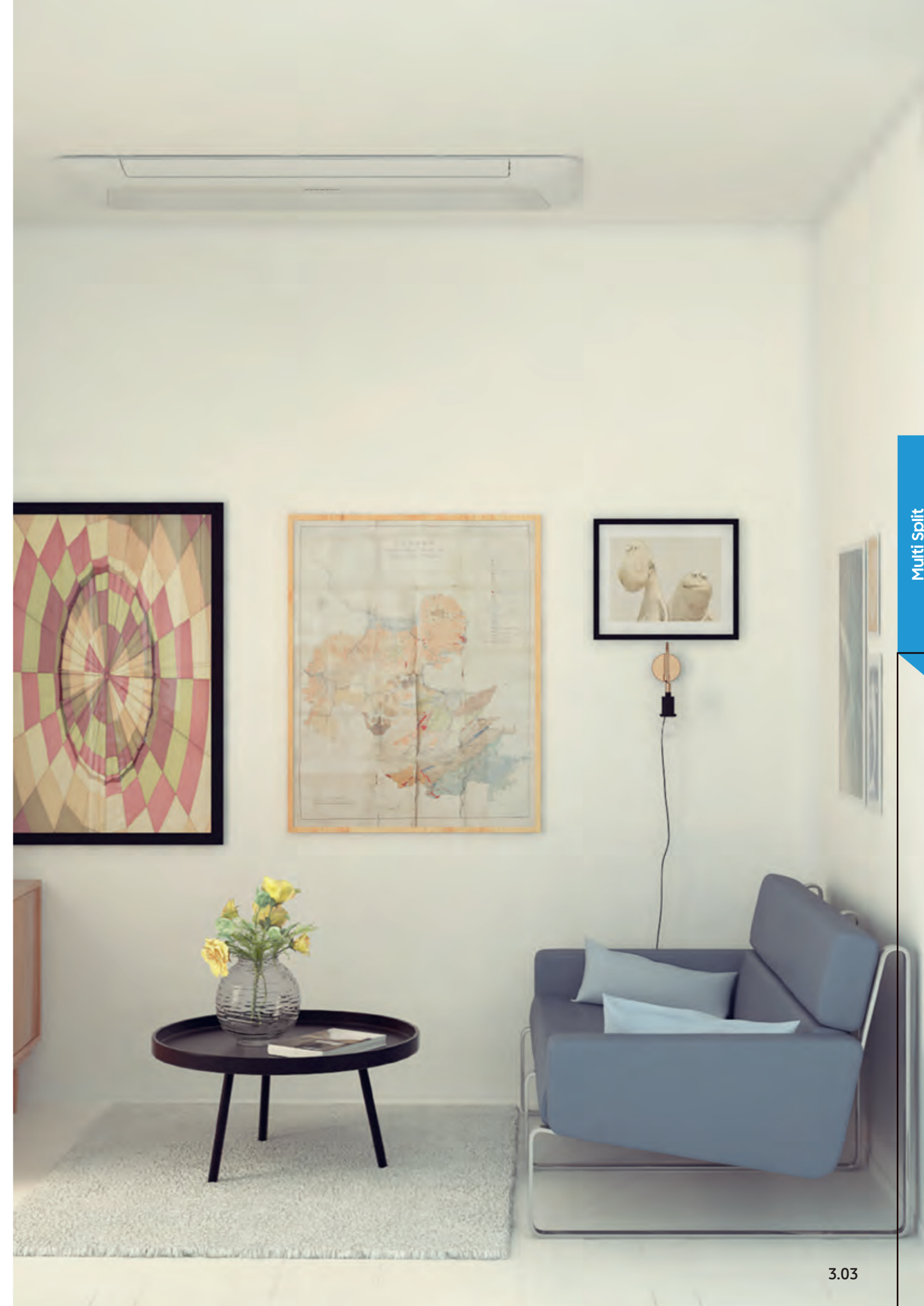
Model	Image	1.6kW	2.0kW	2.6kW	3.5kW	5.2kW	6.8kW
Wind-Free™ Ultra			•	•	•		
Wind-Free™ Optimum			•	•	•	•	•
Wind-Free™ Standard			•	•	•	•	•
Triangle			•	•	•		
Boracay			•	•	•	•	•
Maldives			•	•	•	•	•
Wind-Free™ 1-Way Cassette				•	•		
Wind-Free™ Mini 4-Way Cassette (600x600)		•	•	•	•	•	•
Console (R32)				•	•	•	
Console (R410A)				•	•	•	
LSP Slim Duct				•	•		
MSP Duct						•	

* Note: Indoor Units are unified for R32 & R410A Outdoor Units (except for Console Unit).



Outdoor










Ref.Type	4.0 kW	5.0 kW	5.2 kW	6.8 kW	7.0 kW	8.0 kW	10.0 kW
Maximum number of connectable Indoor Units	2	2	3	3	4	4	5
R32	•	•	•	•		•	•
R410A	•	•	•	•	•	•	•



Compatibility Table

		Wind-Free™					Triangle			Boracay					
															
Indoor Unit Model Code		AR07/09/12NXWCWKNEU AR07/09/12/18/24RXWCWKNEU AR07/09/12NXWBWKNEU AR07/09/12NXPXBWKNEU AR07/09/12/18/24RXPXBWKNEU AR07/09/12NXCXAWKNEU					AR07/09/12MXSAWKNEU AR07/09/12NXWSAURNEU AR07/09/12RXWSAURNEU			AR07/09/12NXFHBWKNEU AR18/24RXFHBWKNEU					
Refrigerant Type	Outdoor Unit Model Code	Capacity (kW)	2.0	2.5	3.5	5.2	6.8	2.0	2.5	3.5	2.0	2.5	3.5	5.2	6.8
R32	AJ040NCJ2EG/EU	4.0	•	•	•	-	-	•	•	•	•	•	•	-	-
	AJ050NCJ2EG/EU	5.0	•	•	•	-	-	•	•	•	•	•	•	-	-
	AJ052RCJ3EG/EU	5.2	•	•	•	•	-	•	•	•	•	•	•	•	-
	AJ068RCJ3EG/EU	6.8	•	•	•	•	-	•	•	•	•	•	•	•	-
	AJ080RCJ4EG/EU	8.0	•	•	•	•	-	•	•	•	•	•	•	•	•
	AJ100RCJ5EG/EU	10.0	•	•	•	•	•	•	•	•	•	•	•	•	•
R410A	AJ040MCJ2EH/EU	4.0	•	•	•	-	-	•	•	•	•	•	•	-	-
	AJ050MCJ2EH/EU	5.0	•	•	•	•	-	•	•	•	•	•	•	-	-
	AJ052MCJ3EH/EU	5.2	•	•	•	•	-	•	•	•	•	•	•	-	-
	AJ068MCJ3EH/EU	6.8	•	•	•	•	-	•	•	•	•	•	•	•	-
	AJ070MCJ4EH/EU	7.0	•	•	•	•	-	•	•	•	•	•	•	•	-
	AJ080MCJ4EH/EU	8.0	•	•	•	•	•	•	•	•	•	•	•	•	•
	AJ100MCJ5EH/EU	10.0	•	•	•	•	•	•	•	•	•	•	•	•	•

		Slim Duct		MSP Duct		Console R32			Console R410A		
											
Indoor Unit Model Code		AJ026/35RBLDEG/EU		AJ052RBMDEG/EU		AJ026/35/52RBJDEG/EU			MH026/35/52FJEA		
Refrigerant Type	Outdoor Unit Model Code	Capacity (kW)	2.6	3.5	5.2	2.6	3.5	5.2	2.6	3.5	5.2
R32	AJ040NCJ2EG/EU	4.0	-	-	-	•	•	-	-	-	-
	AJ050NCJ2EG/EU	5.0	•	•	-	•	•	•	-	-	-
	AJ052RCJ3EG/EU	5.2	•	•	-	•	•	•	-	-	-
	AJ068RCJ3EG/EU	6.8	•	•	•	-	-	-	-	-	-
	AJ080RCJ4EG/EU	8.0	•	•	•	-	-	-	-	-	-
	AJ100RCJ5EG/EU	10.0	•	•	•	-	-	-	-	-	-
R410A	AJ040MCJ2EH/EU	4.0	-	-	-	-	-	-	•	•	-
	AJ050MCJ2EH/EU	5.0	•	•	-	-	-	-	•	•	•
	AJ052MCJ3EH/EU	5.2	•	•	-	-	-	-	•	•	•
	AJ068MCJ3EH/EU	6.8	•	•	•	-	-	-	•	•	•
	AJ070MCJ4EH/EU	7.0	•	•	•	-	-	-	•	•	•
	AJ080MCJ4EH/EU	8.0	•	•	•	-	-	-	•	•	•
	AJ100MCJ5EH/EU	10.0	•	•	•	-	-	-	•	•	•

Maldives					Other R410A RAC		Wind-Free™ 1-Way Cassette		Wind-Free™ Mini 4-Way Cassette (600x600)							
																
AR07/09/12NXFPEWQNEU AR07/09/12/18RXFPEWQNEU					AR18/24NSFPEWQNEU AR18/24NSFHBWKNEU AR18/24NSWCWKNEU AR18/24NSWBWKNEU AR18/24NSPXBWKNEU		AJ026/35RB1DEG/EU		AJ016/20/26/35/52RBNDEG/EU							
Refrigerant Type	Outdoor Unit Model Code	Capacity (kW)	2.0	2.5	3.5	5.2	6.8	5.2	6.8	2.6	3.5	1.6	2.0	2.6	3.5	5.2
R32	AJ040NCJ2EG/EU	4.0	•	•	•	-	-	-	-	•	•	-	-	-	-	-
	AJ050NCJ2EG/EU	5.0	•	•	•	-	-	-	-	•	•	-	-	-	-	-
	AJ052RCJ3EG/EU	5.2	•	•	•	•	-	-	-	•	•	-	-	-	-	-
	AJ068RCJ3EG/EU	6.8	•	•	•	•	-	-	-	•	•	-	-	-	-	-
	AJ080RCJ4EG/EU	8.0	•	•	•	•	-	-	-	•	•	-	-	-	-	-
	AJ100RCJ5EG/EU	10.0	•	•	•	•	•	•	-	-	•	•	-	-	-	-
R410A	AJ040MCJ2EH/EU	4.0	•	•	•	-	-	-	-	•	•	-	-	-	-	-
	AJ050MCJ2EH/EU	5.0	•	•	•	•	-	-	-	•	•	-	-	-	-	-
	AJ052MCJ3EH/EU	5.2	•	•	•	•	-	-	-	•	•	-	-	-	-	-
	AJ068MCJ3EH/EU	6.8	•	•	•	•	-	-	-	•	•	-	-	-	-	-
	AJ070MCJ4EH/EU	7.0	•	•	•	•	-	-	-	•	•	-	-	-	-	-
	AJ080MCJ4EH/EU	8.0	•	•	•	•	•	•	-	-	•	•	-	-	-	-
	AJ100MCJ5EH/EU	10.0	•	•	•	•	•	•	•	•	•	-	-	-	-	-

Specifications

Outdoor Units R32



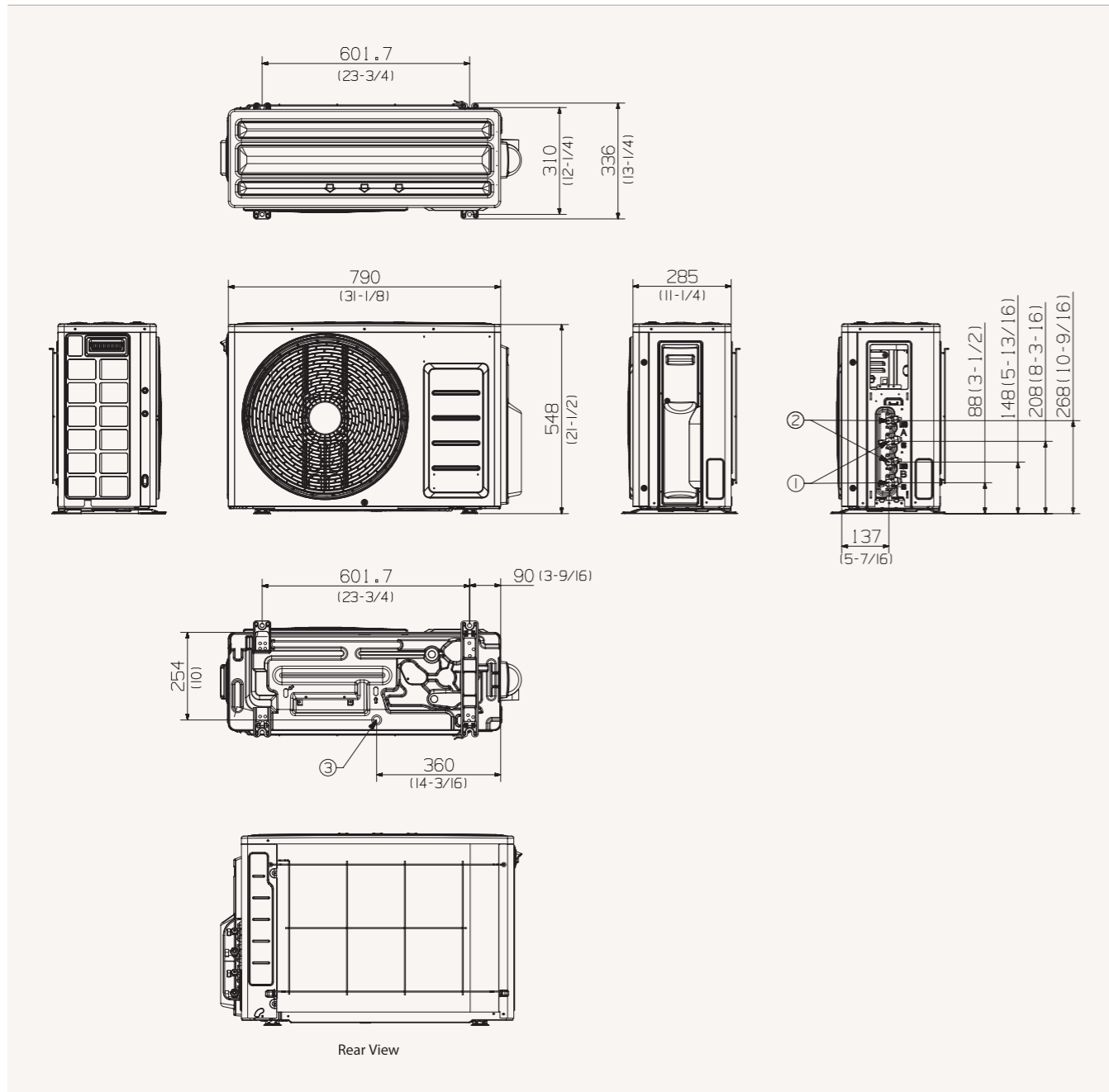
Outdoor Unit			AJ040NCJ2EG/EU	AJ050NCJ2EG/EU	AJ052RCJ3EG/EU
Maximum number of connectable Indoor Units			2	2	3
Reference IDU combinations			AR07MXWSAWKN x 2	AR09MXWSAWKN x 2	AR09MXWSAWKN x 2
Capacity					
Capacity	Cooling (Nominal)	kW	4,0	5,0	5,2
	Heating up to +7°C	kW	4,2	5,6	6,3
	Heating @ -5°C	kW	3,16	4,22	4,22
	Heating @ -10°C	kW	2,7	3,6	3,6
	Heating @ -15°C	kW	2,23	2,98	2,98,00
Energy Efficiency Cooling					
Energy Efficiency Cooling	SEER	W/W	8.54 / A+++	8.54 / A+++	8.51 / A+++
	Consumption	kWh/a	164	205	206
	Pdesignc	kW	4,0	5,0	5,0
	EER	W/W	4.44	4.1	4.16
Energy Efficiency Heating					
Energy Efficiency Heating	SCOP	W/W	4.64 / A++	4.64 / A++	4.6 / A++
	Consumption	kWh/a	922	1270	1400
	Pdesignh (average)	kW	3.1	4.2	4.6
	COP	W/W	4.67	4.38	4.77
AirFlow Rate					
AirFlow Rate		m ³ /min	29.7	33.05	38
Sound Power					
Sound Power		dB(A)	60	61	61
Sound Pressure					
Sound Pressure	Cooling	dB(A)	45	46	46
	Heating	dB(A)	46	47	48
Fan					
Fan	Type		Propeller Fan	Propeller Fan	Propeller Fan
	Discharge direction		Front (horizontal)	Front (horizontal)	Front (horizontal)
	Power	W	40	40	125
	Number	EA	1	1	1
Operating Temp. Range					
Operating Temp. Range	Cooling	°C	-5 ~ 46	-5 ~ 46	-10 ~ 46
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24
Electrical Data					
Power Source		V / Hz / Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Compressor Type			Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Power consumption	Cooling	kW	0.9	1.22	1.25
	Heating	kW	0.9	1.28	1.32
Operating Current	Cooling	A	4.1	5.6	5.5
	Heating	A	4.1	5.9	6.1
Dimensions					
Net Dimensions (W x H x D)		mm	790×548×285 mm	790×548×285 mm	880 x 638 x 310 mm
Net Weight		kg	32	33	44.5
Refrigerant					
Refrigerant		Type	R32(Contains fluorinated greenhouse gases. GWP=675)		
Refrigerant	Factory charging	kg	0.98	1.18	1.55
	Chargeless piping length	m	30.0	30.0	30.0
	Charging Ton equivalent CO2	tCO2e	0.66 tCO2e	0.80 tCO2e	1.05 tCO2e
	Additional refrigerant charging	g / m	-	-	-
	Piping Connections	Liquid Pipe	Φ,inch	1/4 x 2	1/4 x 2
Piping Connections	Gas Pipe	Φ,inch	3/8 x 2	3/8 x 2	3/8 x 2 +1/2
	Total Piping Length	m	30	30	50
Piping Length	Min/ Max	m	3 / 25	3 / 25	3 / 25
	Piping Height	Max height (ID-ID)	m	7.5	7.5
Piping Height	Max height (OD-ID)	m	15	15	15

AJ068RCJ3EG/EU	AJ080RCJ4EG/EU	AJ100RCJ5EG/EU
3	4	5
AR07MXWSAWKN AR09MXWSAWKN x 2	AR07MXWSAWKN AR09MXWSAWKN AR12MXWSAWKN	AR09MXWSAWKN x 4
6.8	8,0	10,0
8,0	9.3	12,0
6.02	6.41	8.28
5.14	5.47	7.06
4.25	4.53	5.85
7.75 / A++	7.75 / A++	8.0 / A++
293	330	387
6.5	7.3	8.8
3.78	4.06	3.64
4.32 / A+	4.1 / A+	4.32 / A+
1833	2009	2564
5.7	5.9	7.9
4.42	4.37	4.26
47.5	48	74.96
64	64	70
48	48	54
50	50	56
Propeller Fan	Propeller Fan	Propeller Fan
Front (horizontal)	Front (horizontal)	Front (horizontal)
125	125	125
1	1	1
-10 ~ 46	-10 ~ 46	-10 ~ 46
-15 ~ 24	-15 ~ 24	-15 ~ 24
220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1
Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
1.8	1.97	2.75
1.81	2.13	2.82
8.1	8.9	12.2
8.2	9.5	12.8
880 x 798 x 310 mm	880 x 798 x 310 mm	940 x 998 x 330
57.5	57.5	76.5
R32(Contains fluorinated greenhouse gases. GWP=675)		
2.0	2.0	2.7
30.0	40.0	40.0
1.35 tCO2e	1.35 tCO2e	1.82 tCO2e
10	10	10
1/4 x 3	1/4 x 4	1/4 x 5
3/8 +1/2 x 2	3/8 x 2 +1/2 x 2	3/8 x 2 +1/2 x 3
50	70	75
3 / 25	3 / 25	3 / 25
7.5	7.5	7.5
15	15	15

Dimensional Drawings

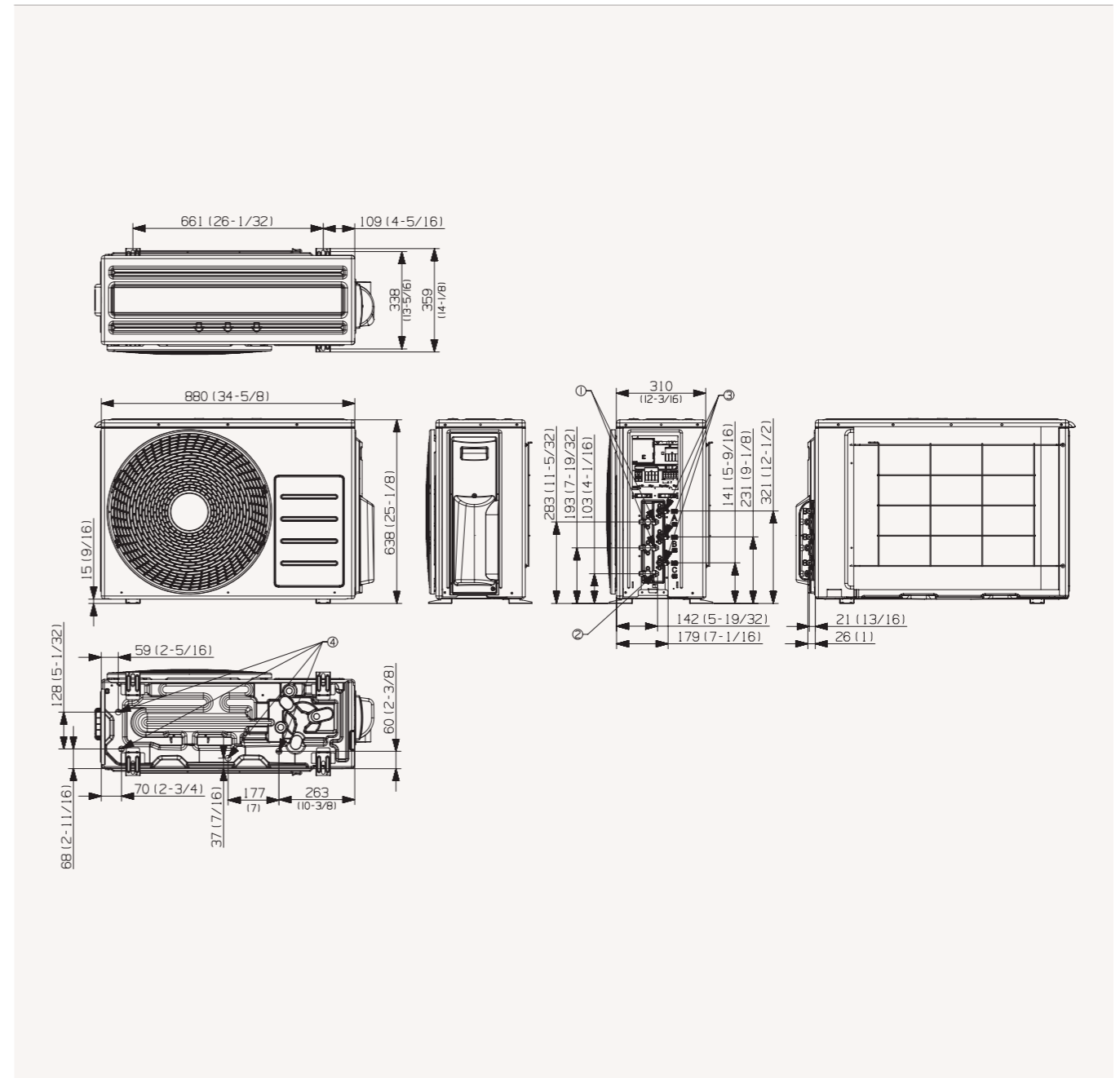
Outdoor Units R32

AJ040/050NCJ2EG/EU



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.

AJ052RCJ3EG/EU

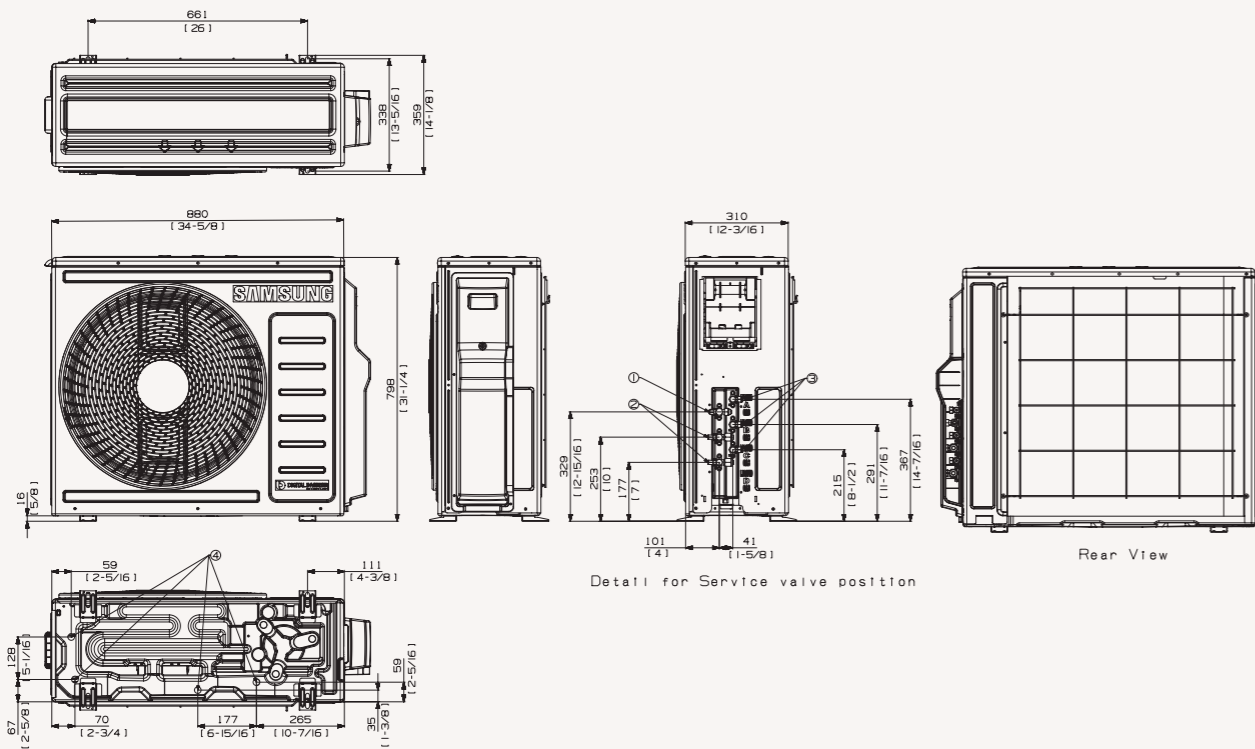


No.	Name	Description
1	Refrigerant gas pipe	Φ9.52 (Φ3/8) x 2 EA
2	Refrigerant gas pipe	Φ12.7 (Φ1/2) x 1 EA
3	Refrigerant liquid pipe	Φ6.35 (Φ1/4) x 3 EA
4	Drain hole	Connection with the provided drain plug.

Dimensional Drawings

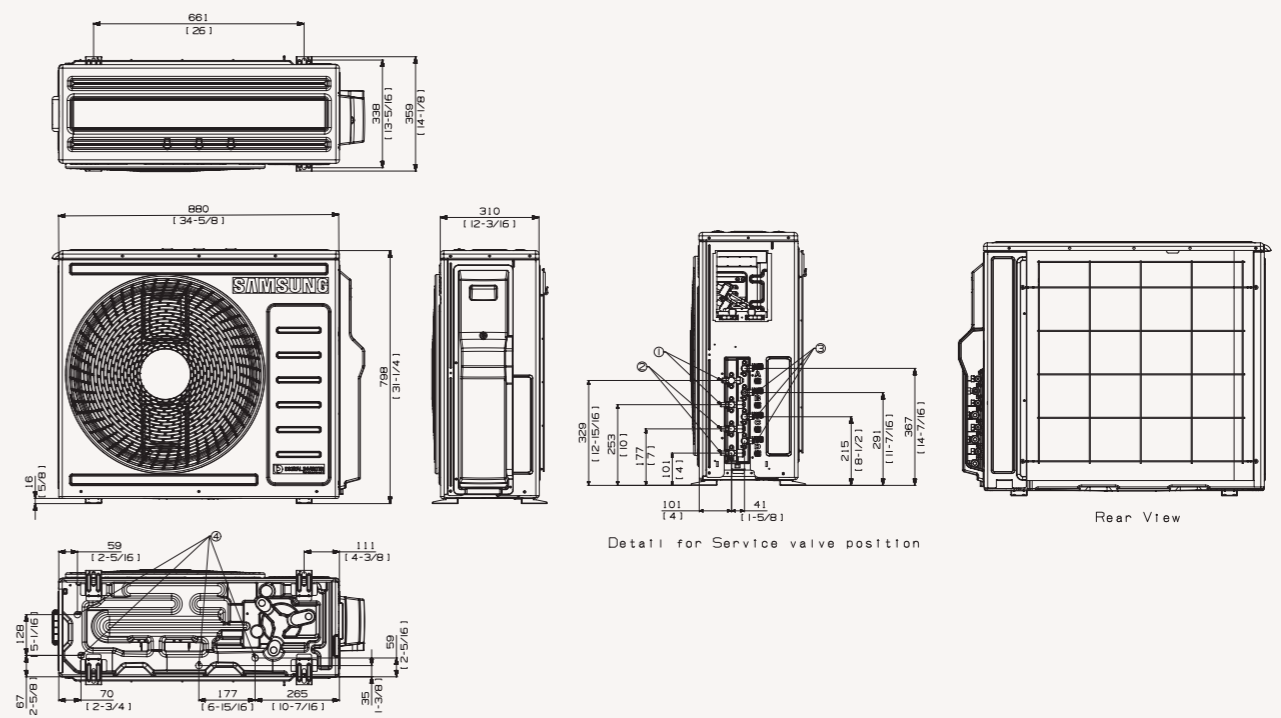
Outdoor Units **R32**

AJ068RCJ3EG/EU



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

AJ080RCJ4EG/EU



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

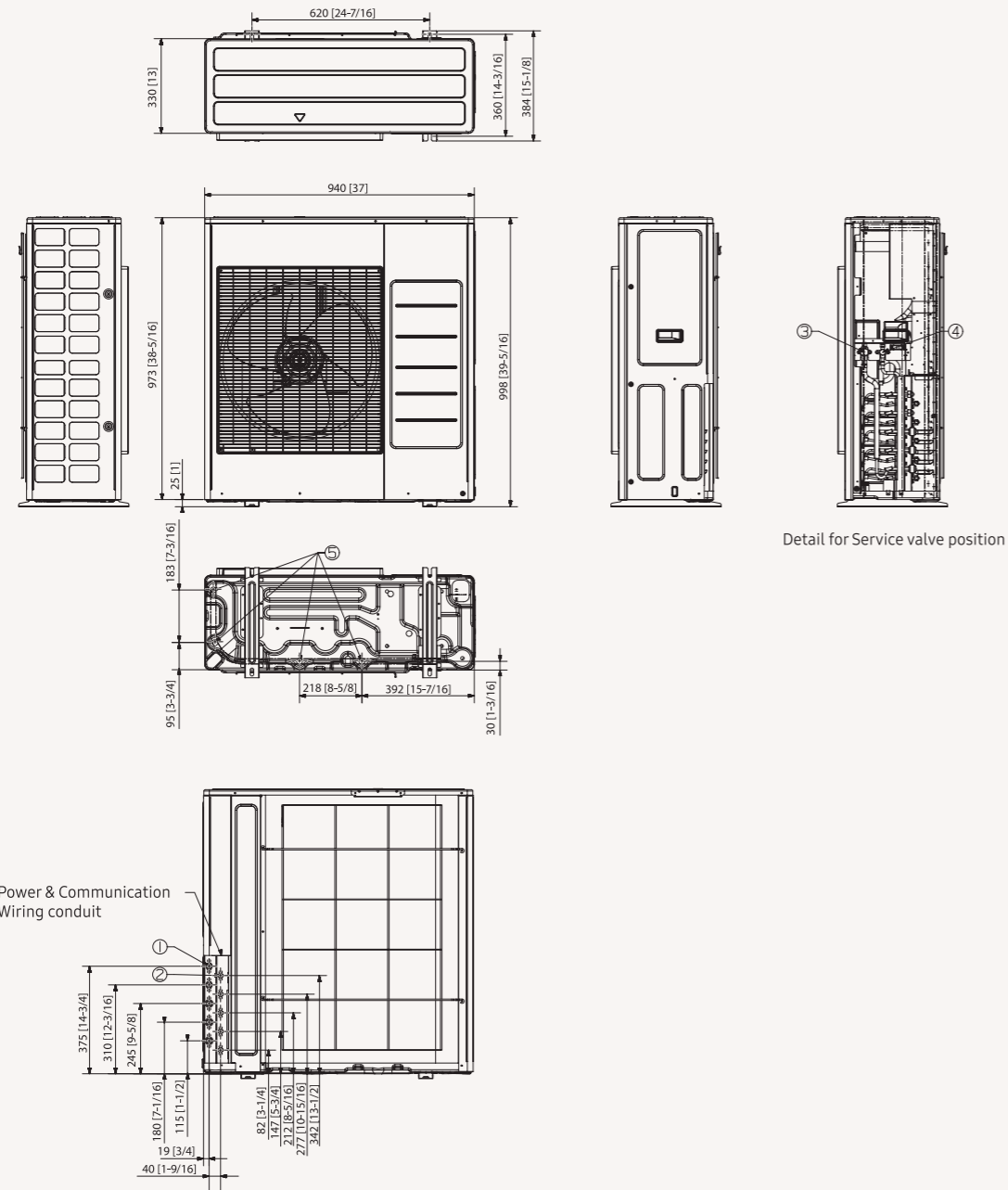
Multi Split

Multi Split

Dimensional Drawings

Outdoor Units **R32**

AJ100RCJ5EG/EU



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.



Specifications



Wind-Free™ Ultra

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

Indoor Unit			AR07NXCAWKNEU	AR09NXCAWKNEU	AR12NXCAWKNEU
Capacity					
	Cooling	kW	2.0	2.5	3.5
	Heating up to +7°C	kW	2.2	3.2	4.0
Performance					
Moisture Removal		l/h	TBD	1.0	1.5
AirFlow Rate		m ³ /min	9.3	9.5	10.2
Sound Power	Cooling	dB(A)	55	56	58
Sound Pressure	Low/High	dB(A)	22 / 38	16 / 38	16 / 40
Electrical Data					
Power Source		V/Hz/Φ	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1	220 ~ 240 / 50 / 1
Power consumption	Cooling	W	30	30	30
	Heating	W	30	30	30
Current Input	Cooling	A	0.3	0.3	0.3
	Heating	A	0.3	0.3	0.3
Dimensions					
Net Dimensions (W x H x D)		mm	828x295x265	828x295x265	828x295x265
Net Weight		kg	11.3	11.3	11.3
Refrigerant					
Piping Connections	Liquid Pipe	Φ.inch	1/4	1/4	1/4
	Gas Pipe	Φ.inch	3/8	3/8	3/8
Piping Connections	Drain Pipe	Φ.mm	ID 16	ID 16	ID 16
Functions					
Air Flow	Wind-Free™ Cooling		•	•	•
	Air Direction Control (Up/Down)		Auto	Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto	Auto
	Auto Fan speed		•	•	•
Air Purification	Ionizer (SPI)		•	•	•
	PM 2.5 Filter		•	•	•
	Easy Filter Plus		-	-	-
	Allergy Care		•	•	•
	Anti-Bacteria		•	•	•
	Auto Clean (Self Cleaning)		•	•	•
Operating Mode	2 Step Cooling		•	•	•
	Fast Cool		•	•	•
	Comfort Cool		•	•	•
	Good Sleep		•	•	•
	Dehumidification		•	•	•
	Fan Mode		•	•	•
	Quiet		•	•	•
	Auto Changeover		•	•	•
Other Functions	WiFi Control - Samsung SmartThings		•	•	•
	Filter Cleaning Indicator		•	•	•
	Indoor Temp. Display		•	•	•
	Display On/Off		•	•	•
	Beep On/Off		•	•	•
	Auto Restart		•	•	•

Accessory

Included

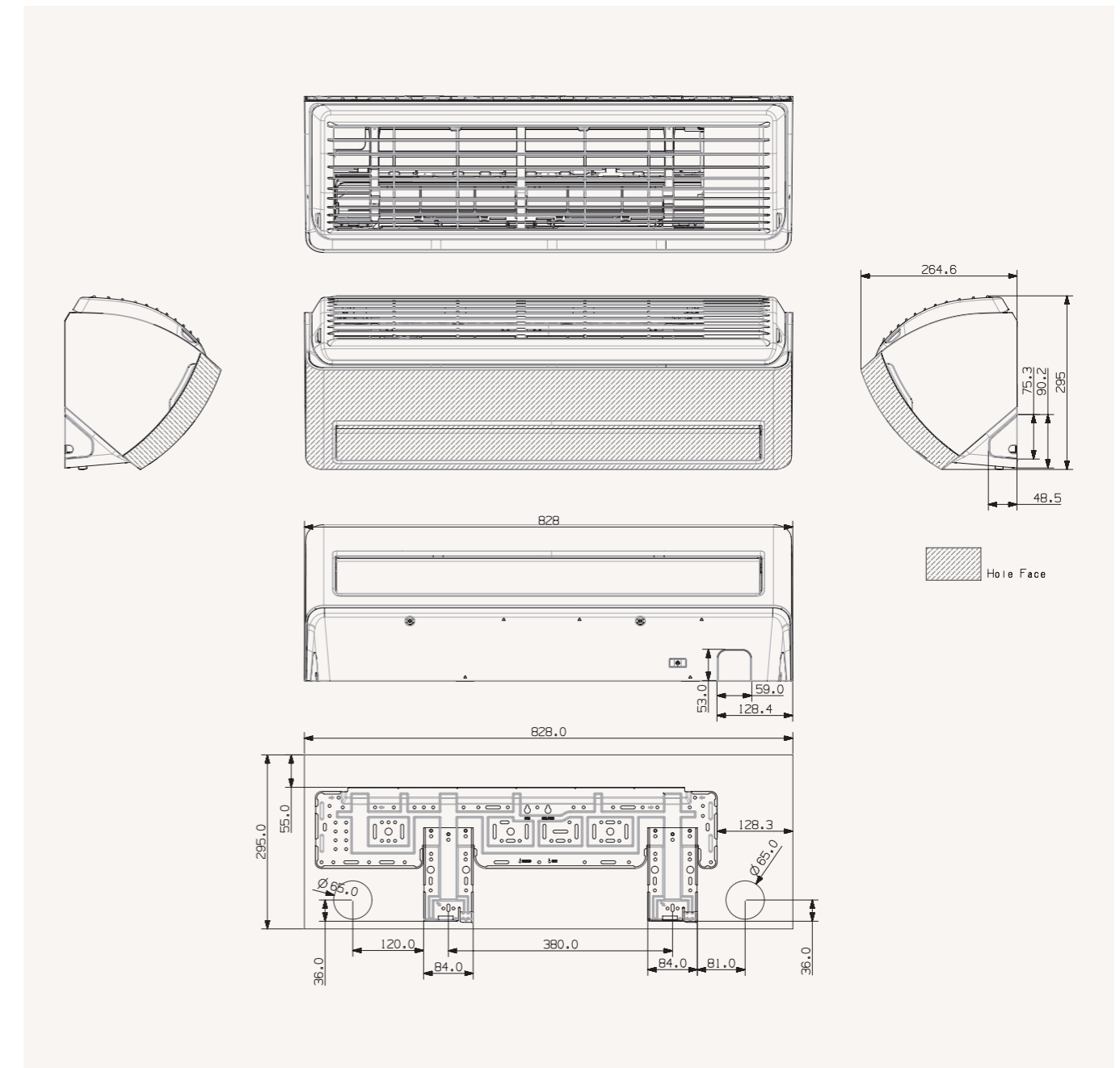


Wireless Remote Controller

Dimensional Drawings

Wind-Free™ Ultra

AR07/09/12NXCAWKNEU



Specifications



Wind-Free™ Optimum

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

Indoor Unit			AR07RXPXBWKNEU	AR09RXPXBWKNEU	AR12RXPXBWKNEU	AR18RXPXBWKNEU	AR24RXPXBWKNEU
Capacity							
	Cooling	kW	2.0	2.5	3.5	5.0	6.5
	Heating up to +7°C	kW	2.2	3.2	3.5	6.0	7.4
Performance							
	Moisture Removal	l/h	TBD	1.0	1.5	2.0	2.5
	AirFlow Rate	m ³ /min	9.3	9.3	10	15.9	17.6
	Sound Power	Cooling dB(A)	54	54	56	58	62
	Sound Pressure	Low/High dB(A)	22 / 37	19 / 37	19 / 38	25 / 41	26 / 45
Electrical Data							
	Power Source	V/Hz/Φ	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1	220 ~ 240/ 50/1
	Power consumption	Cooling W	30	30	30	50	50
		Heating W	30	30	30	50	50
	Current Input	Cooling A	0.3	0.3	0.3	0.4	0.4
		Heating A	0.3	0.3	0.3	0.4	0.4
Dimensions							
	Net Dimensions (W x H x D)	mm	828x267x265	828x267x265	828x267x265	1065x301x311	1065x301x311
	Net Weight	kg	9.4	9.4	9.4	13.2	13.4
Refrigerant							
	Piping Connections	Liquid Pipe Φ.inch	1/4	1/4	1/4	1/4	1/4
		Gas Pipe Φ.inch	3/8	3/8	3/8	1/2	5/8
	Piping Connections	Drain Pipe Φ.mm	ID 16	ID 16	ID 16	ID 16	ID 16
Functions							
Air Flow	Wind-Free™ Cooling		•	•	•	•	•
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto	Auto	Auto	Auto
Air Purification	Auto Fan speed		•	•	•	•	•
	Ionizer (SPI)		•	•	•	•	•
	PM 2.5 Filter		-	-	-	-	-
	Easy Filter Plus		•	•	•	•	•
	Allergy Care		•	•	•	•	•
	Anti-Bacteria		•	•	•	•	•
	Auto Clean (Self Cleaning)		•	•	•	•	•
Operating Mode	2 Step Cooling		•	•	•	•	•
	Fast Cool		•	•	•	•	•
	Comfort Cool		•	•	•	•	•
	Good Sleep		•	•	•	•	•
	Dehumidification		•	•	•	•	•
	Fan Mode		•	•	•	•	•
	Quiet		•	•	•	•	•
	Other Functions	WiFi Control - Samsung SmartThings		•	•	•	•
	Filter Cleaning Indicator		•	•	•	•	•
	Indoor Temp. Display		•	•	•	•	•
	Display On/Off		•	•	•	•	•
	Beep On/Off		•	•	•	•	•
	Auto Changeover		•	•	•	•	•
	Auto Restart		•	•	•	•	•

Accessory

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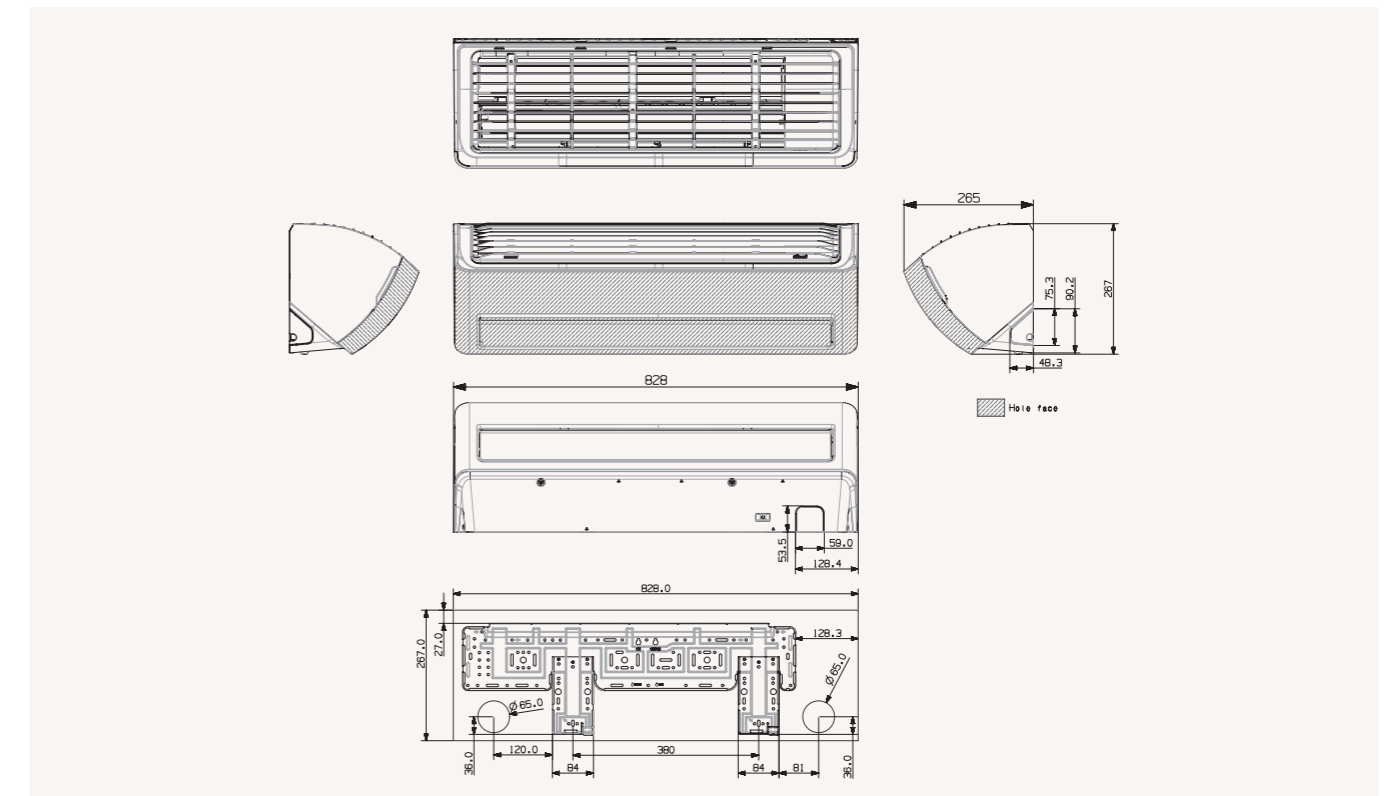


Wireless Remote Controller

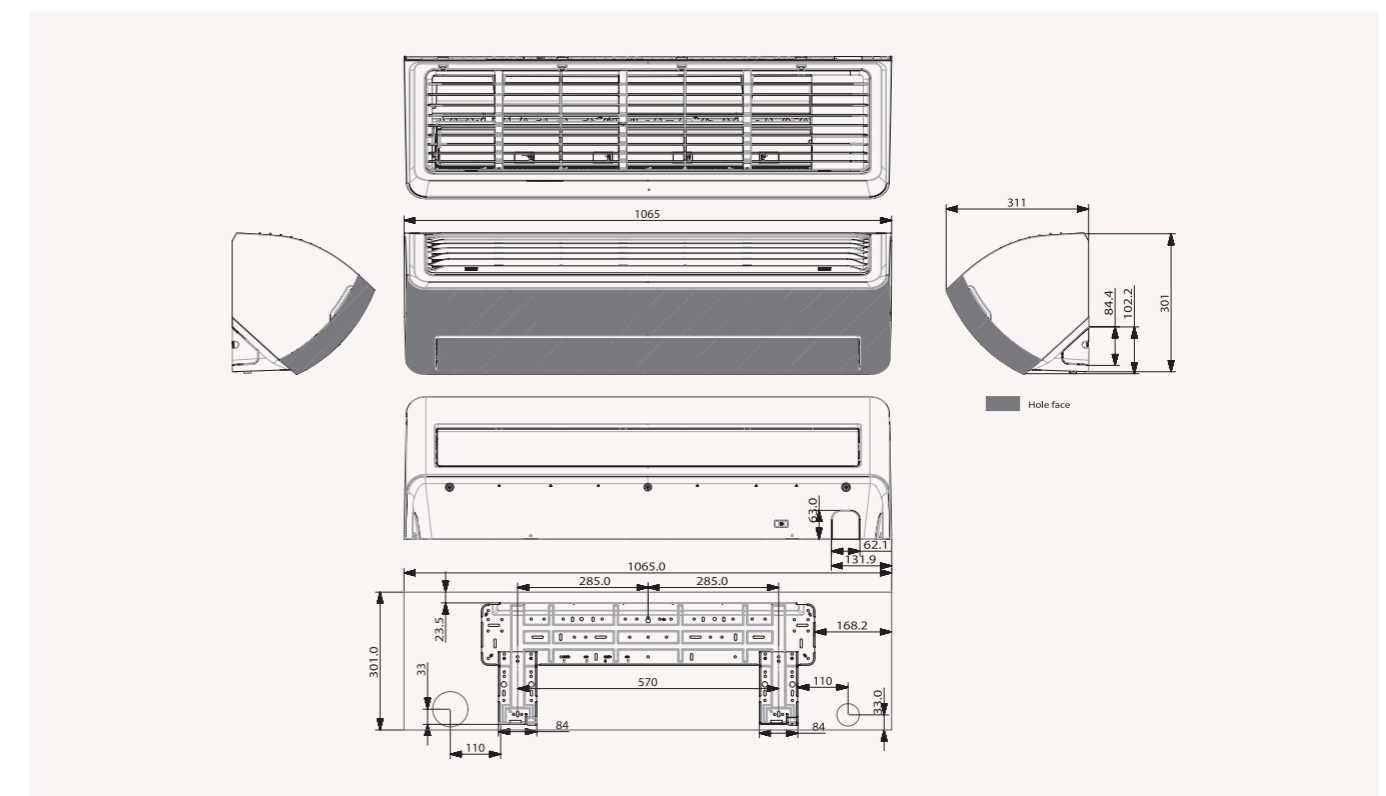
Dimensional Drawings

Wind-Free™ Optimum

AR07/09/12RXPXBWKNEU



AR18/24RXPXBWKNEU



Specifications



Wind-Free™ Standard

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

Indoor Unit			AR07RXWCWKNEU	AR09RXWCWKNEU	AR12RXWCWKNEU	AR18RXWCWKNEU	AR24RXWCWKNEU
Capacity							
	Cooling	kW	2.0	2.75	3.5	5.0	6.5
	Heating up to +7°C	kW	2.2	3.2	3.5	6.0	7.4
Performance							
	Moisture Removal	l/h	TBD	1.0	1.5	2.0	2.5
	AirFlow Rate	m ³ /min	9.3	9.3	10.8	15.9	17.6
	Sound Power	Cooling dB(A)	54	54	59	58	62
	Sound Pressure	Low/High dB(A)	22 / 37	19 / 37	19 / 40	25 / 41	26 / 45
Electrical Data							
	Power Source	V/Hz/Φ	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1
	Power consumption	Cooling W	30	30	30	50	50
		Heating W	30	30	30	50	50
	Current Input	Cooling A	0.3	0.3	0.3	0.4	0.4
		Heating A	0.3	0.3	0.3	0.4	0.4
Dimensions							
	Net Dimensions (W x H x D)	mm	828x267x265	828x267x265	828x267x265	1065x301x311	1065x301x311
	Net Weight	kg	9.4	9.4	9.4	13.2	13.4
Refrigerant							
	Piping Connections	Liquid Pipe Φ.inch	1/4	1/4	1/4	1/4	1/4
		Gas Pipe Φ.inch	3/8	3/8	3/8	1/2	5/8
	Piping Connections	Drain Pipe Φ.mm	ID 16	ID 16	ID 16	ID 16	ID 16
Functions							
Air Flow	Wind-Free™ Cooling		•	•	•	•	•
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto	Auto	Auto	Auto
Air Purification	Auto Fan speed		•	•	•	•	•
	Ionizer (SPI)		-	-	-	-	-
	PM 2.5 Filter		-	-	-	-	-
	Easy Filter Plus		•	•	•	•	•
	Allergy Care		•	•	•	•	•
	Anti-Bacteria		•	•	•	•	•
	Auto Clean (Self Cleaning)		•	•	•	•	•
Operating Mode	2 Step Cooling		•	•	•	•	•
	Fast Cool		•	•	•	•	•
	Comfort Cool		•	•	•	•	•
	Good Sleep		•	•	•	•	•
	Dehumidification		•	•	•	•	•
	Fan Mode		•	•	•	•	•
	Quiet		•	•	•	•	•
	Other Functions	WiFi Control - Samsung SmartThings		•	•	•	•
	Filter Cleaning Indicator		•	•	•	•	•
	Indoor Temp. Display		•	•	•	•	•
	Display On/Off		•	•	•	•	•
	Beep On/Off		•	•	•	•	•
	Auto Changeover		•	•	•	•	•
	Auto Restart		•	•	•	•	•

Accessory

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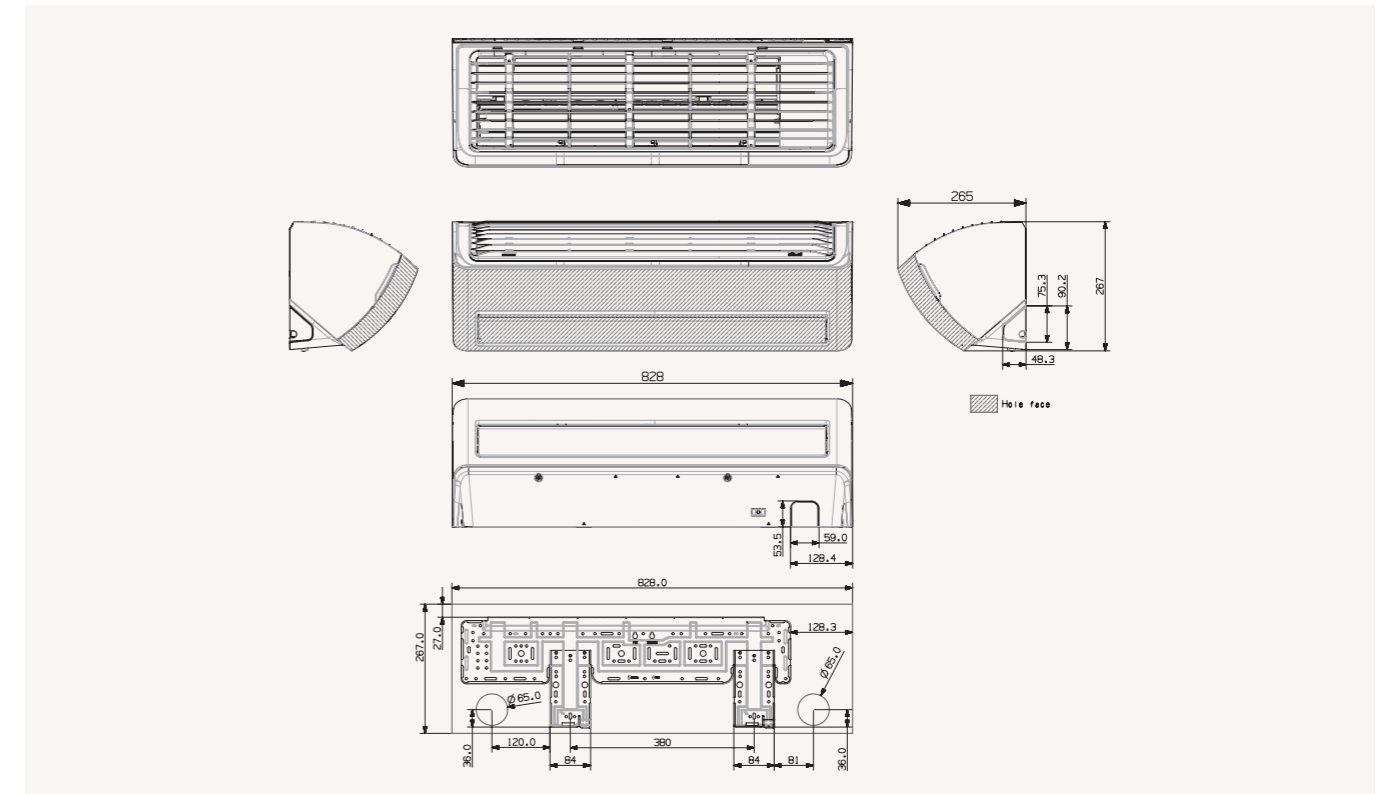


Wireless Remote Controller

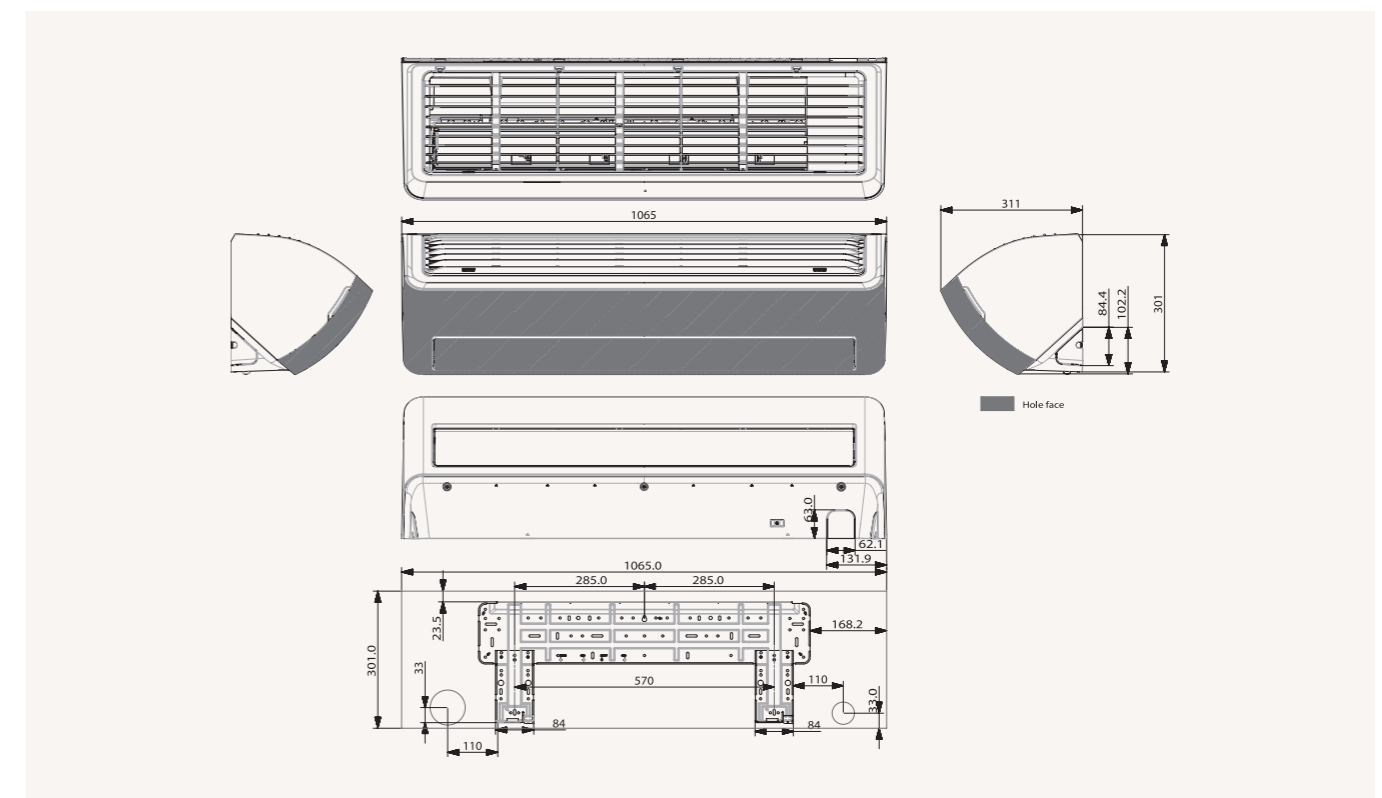
Dimensional Drawings

Wind-Free™ Standard

AR07/09/12RXWCWKNEU



AR18/24RSWCWKNEU



Specifications



Triangle

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

Indoor Unit			AR07RXWSAURNEU	AR09RXWSAURNEU	AR12RXWSAURNEU
Capacity					
	Cooling	kW	2.0	2.75	3.5
	Heating up to +7°C	kW	2.2	3.2	3.5
Performance					
Moisture Removal		l/h	TBD	1.0	1.5
AirFlow Rate		m ³ /min	8.0	9.3	10.8
Sound Power	Cooling	dB(A)	54	54	59
Sound Pressure	Low/High	dB(A)	22/ 37	19/ 37	19/ 40
Electrical Data					
Power Source		V/Hz/Φ	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1
Power consumption	Cooling	W	30	30	30
	Heating	W	30	30	30
Current Input	Cooling	A	0.3	0.3	0.3
	Heating	A	0.3	0.3	0.3
Dimensions					
Net Dimensions (W x H x D)		mm	826*261*261	826*261*261	826*261*261
Net Weight		kg	9.5	9.5	9.5
Refrigerant					
Piping Connections	Liquid Pipe	Φ.inch	1/4	1/4	1/4
	Gas Pipe	Φ.inch	3/8	3/8	3/8
Piping Connections	Drain Pipe	Φ.mm	ID 16	ID 16	ID 16
Functions					
Air Flow	Wind-Free™ Cooling		-	-	-
	Air Direction Control (Up/Down)		Auto	Auto	Auto
	Air Direction Control (Left/Right)		Manual	Manual	Manual
	Auto Fan speed		•	•	•
Air Purification	Ionizer (SPI)		-	-	-
	PM 2.5 Filter		-	-	-
	Easy Filter Plus		•	•	•
	Allergy Care		•	•	•
	Anti-Bacteria		•	•	•
	Auto Clean (Self Cleaning)		•	•	•
Operating Mode	2 Step Cooling		•	•	•
	Fast Cool		•	•	•
	Comfort Cool		•	•	•
	Good Sleep		•	•	•
	Dehumidification		•	•	•
	Fan Mode		•	•	•
	Quiet		•	•	•
	Other Functions	WiFi Control - Samsung SmartThings		•	•
	Filter Cleaning Indicator		•	•	•
	Indoor Temp. Display		•	•	•
	Display On/Off		•	•	•
	Beep On/Off		•	•	•
	Auto Changeover		•	•	•
	Auto Restart		•	•	•

Accessory

Included

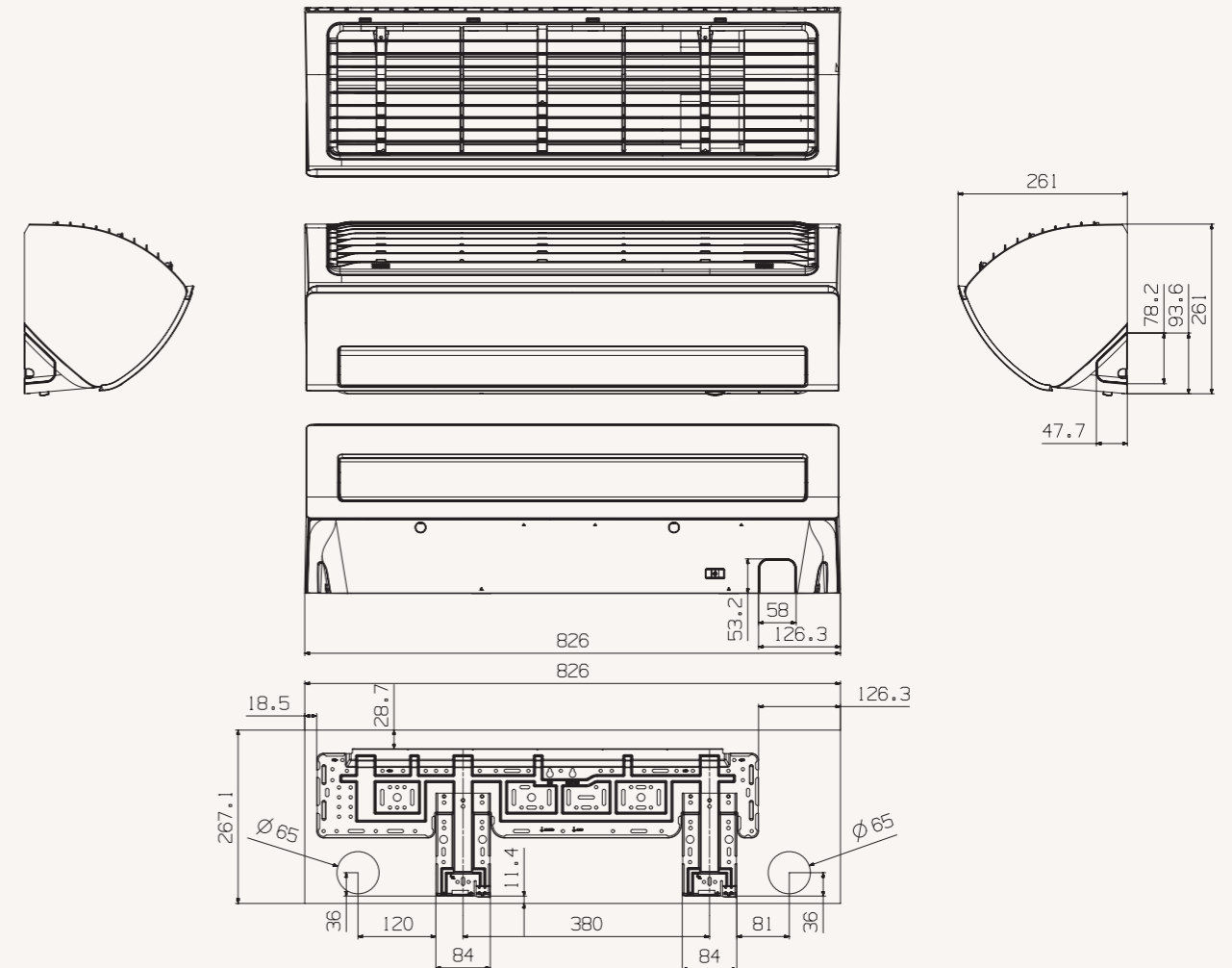


Wireless Remote Controller

Dimensional Drawings

Triangle

AR07/09/12RXWSAURNEU



Specifications



Boracay

- 3-Care Filter

Indoor Unit			AR07RXFBWKNEU	AR09RXFBWKNEU	AR12RXFBWKNEU	AR18RXFBWKNEU	AR24RXFBWKNEU
Capacity							
	Cooling	kW	2.0	2.5	3.5	5.0	6.5
	Heating up to +7°C	kW	2.2	3.2	3.5	5.0	7.4
Performance							
	Moisture Removal	l/h	TBD	1.0	1.5	2.0	2.5
	AirFlow Rate	m ³ /min	8.0	9.2	11.3	16.1	18.3
	Sound Power	Cooling dB(A)	56	56	59	58	63
	Sound Pressure	Low/High dB(A)	21 / 38	21 / 38	21 / 42	25 / 42	29 / 45
Electrical Data							
	Power Source	V/Hz/Φ	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1
	Power consumption	Cooling W	30	30	30	50	50
		Heating W	30	30	30	50	50
	Current Input	Cooling A	0.3	0.3	0.3	0.4	0.4
		Heating A	0.3	0.3	0.3	0.4	0.4
Dimensions							
	Net Dimensions (W x H x D)	mm	820*285*227	820*285*227	820*285*227	1065*298*243	1065*298*243
	Net Weight	kg	8.5	8.5	8.5	11.6	11.6
Refrigerant							
	Piping Connections	Liquid Pipe Φ.inch	1/4	1/4	1/4	1/4	1/4
		Gas Pipe Φ.inch	3/8	3/8	3/8	1/2	5/8
	Piping Connections	Drain Pipe Φ.mm	ID 16	ID 16	ID 16	ID 16	ID 16
Functions							
	Air Flow	Wind-Free™ Cooling	-	-	-	-	-
		Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
		Air Direction Control (Left/Right)	Manual	Manual	Manual	Manual	Manual
		Auto Fan speed	•	•	•	•	•
	Air Purification	Ionizer (SPI)	-	-	-	-	-
		PM 2.5 Filter	-	-	-	-	-
		Easy Filter Plus	-	-	-	-	-
		Allergy Care	•	•	•	•	•
		Anti-Bacteria	•	•	•	•	•
		Auto Clean (Self Cleaning)	•	•	•	•	•
	Operating Mode	2 Step Cooling	•	•	•	•	•
		Fast Cool	•	•	•	•	•
		Comfort Cool	•	•	•	•	•
		Good Sleep	•	•	•	•	•
		Dehumidification	•	•	•	•	•
		Fan Mode	•	•	•	•	•
		Quiet	•	•	•	•	•
	Other Functions	WiFi Control - Samsung SmartThings	-	-	-	-	-
		Filter Cleaning Indicator	•	•	•	•	•
		Indoor Temp. Display	•	•	•	•	•
		Display On/Off	•	•	•	•	•
		Beep On/Off	•	•	•	•	•
		Auto Changeover	•	•	•	•	•
		Auto Restart	•	•	•	•	•

Accessory

Included

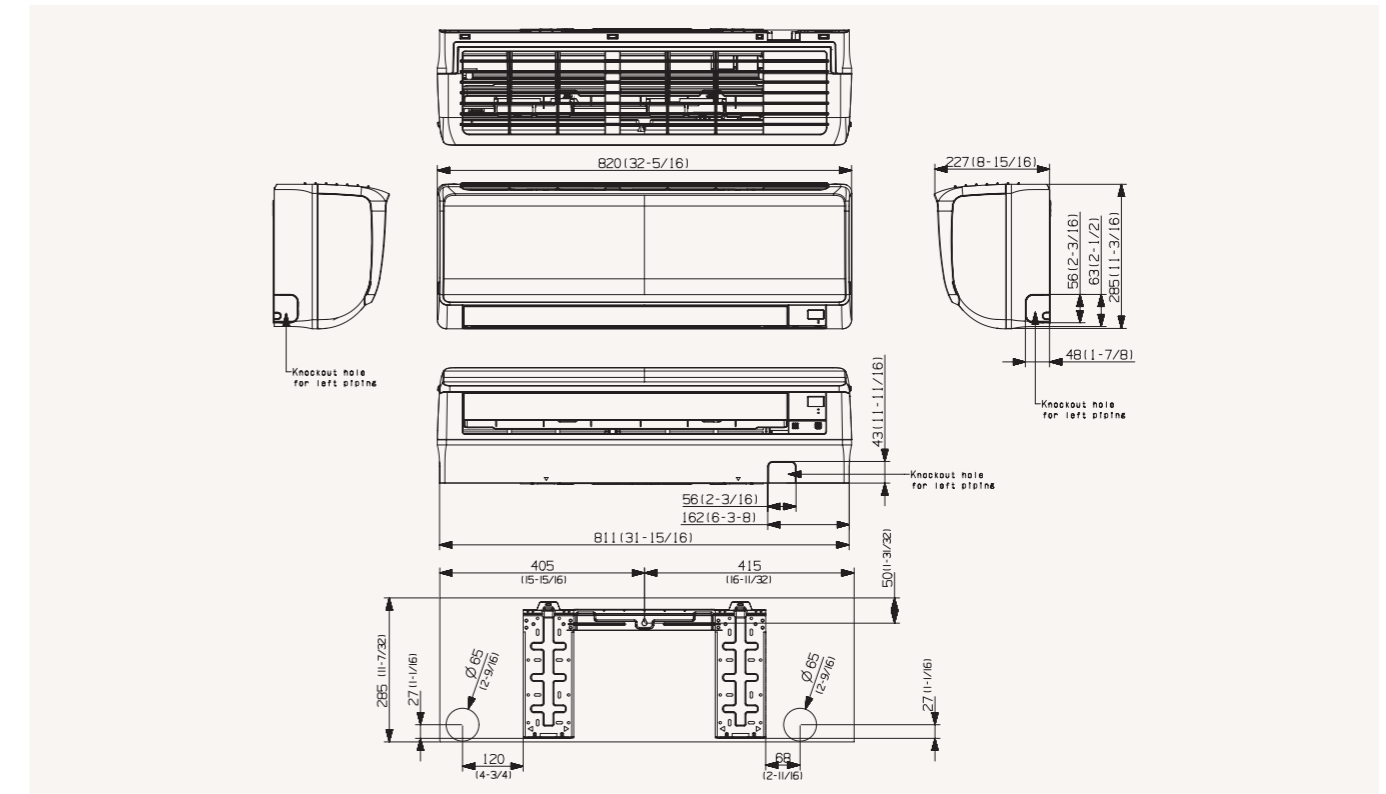


Wireless Remote Controller

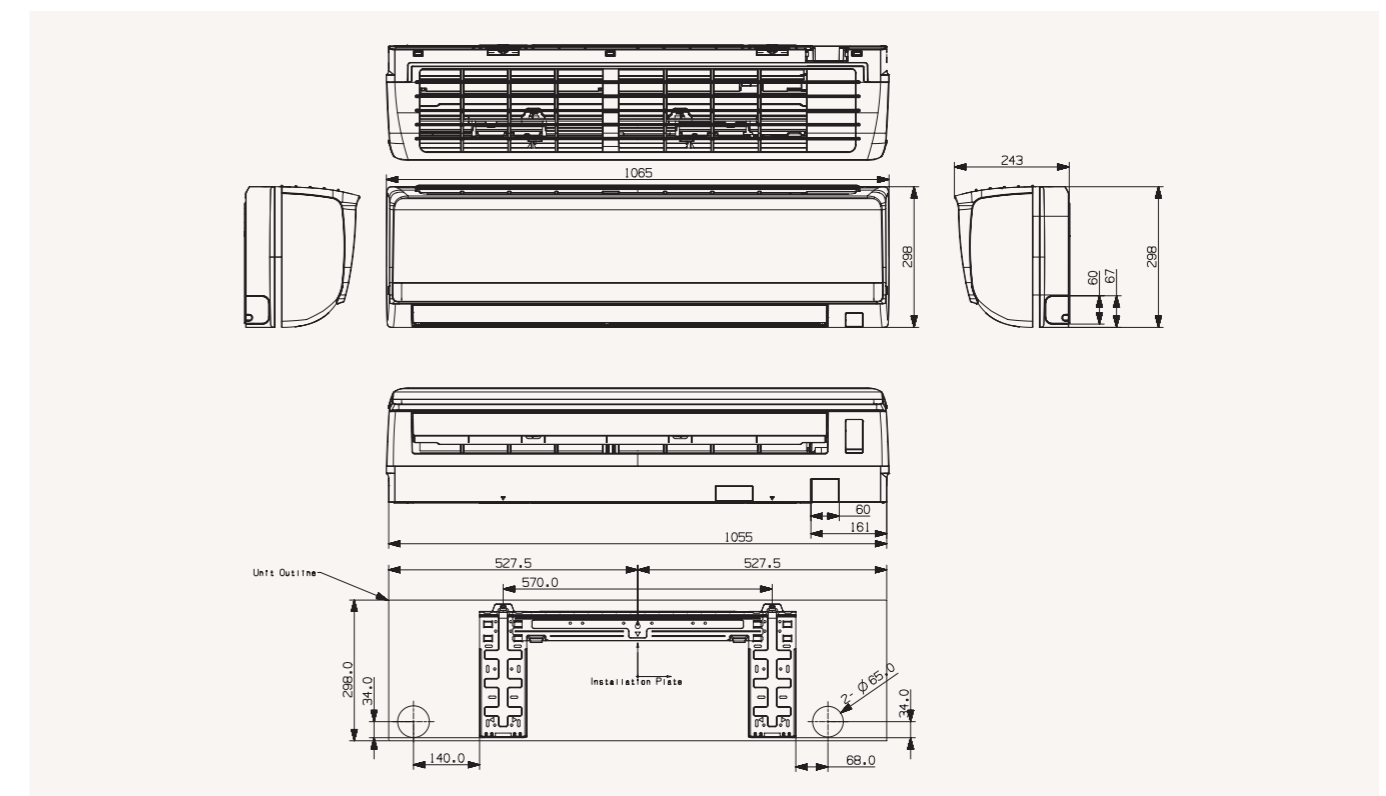
Dimensional Drawings

Boracay

AR07/09/12RXFBWKNEU



AR18/24RXFBWKNEU



Specifications



Maldives

- 3-Care Filter

Indoor Unit			AR07RXFPEWQNEU	AR09RXFPEWQNEU	AR12RXFPEWQNEU	AR18RXFPEWQNEU	AR24RXFPEWQNEU
Capacity							
	Cooling	kW	2.0	2.75	3.5	5.0	6.5
	Heating up to +7°C	kW	2.2	3.2	3.5	6.0	7.4
Performance							
	Moisture Removal	l/h	TBD	1.0	1.5	2.0	2.5
	AirFlow Rate	m ³ /min	8.0	9.2	11.3	16.1	18.3
	Sound Power	Cooling dB(A)	56	56	59	58	63
	Sound Pressure	Low/High dB(A)	21 / 38	21 / 38	21 / 42	25 / 42	29 / 45
Electrical Data							
	Power Source	V/Hz/Φ	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1	220~240/ 50/1
	Power consumption	Cooling W	30	30	30	50	50
		Heating W	30	30	30	50	50
	Current Input	Cooling A	0.3	0.3	0.3	0.4	0.4
		Heating A	0.3	0.3	0.3	0.4	0.4
Dimensions							
	Net Dimensions (W x H x D)	mm	820x285x215	820x285x215	820x285x215	1065x298x230	1065x298x230
	Net Weight	kg	8.0	8.0	8.0	11.6	11.6
Refrigerant							
	Piping Connections	Liquid Pipe Φ.inch	1/4	1/4	1/4	1/4	1/4
		Gas Pipe Φ.inch	3/8	3/8	3/8	1/2	5/8
	Piping Connections	Drain Pipe Φ.mm	ID 16	ID 16	ID 16	ID 16	ID 16
Functions							
	Air Flow	Wind-Free™ Cooling	-	-	-	-	-
		Air Direction Control (Up/Down)	Auto	Auto	Auto	Auto	Auto
		Air Direction Control (Left/Right)	Manual	Manual	Manual	Manual	Manual
		Auto Fan speed	•	•	•	•	•
	Air Purification	Ionizer (SPI)	-	-	-	-	-
		PM 2.5 Filter	-	-	-	-	-
		Easy Filter Plus	-	-	-	-	-
		Allergy Care	•	•	•	•	•
		Anti-Bacteria	•	•	•	•	•
		Auto Clean (Self Cleaning)	•	•	•	•	•
	Operating Mode	2 Step Cooling	•	•	•	•	•
		Fast Cool	•	•	•	•	•
		Comfort Cool	•	•	•	•	•
		Good Sleep	•	•	•	•	•
		Dehumidification	•	•	•	•	•
		Fan Mode	•	•	•	•	•
		Quiet	•	•	•	•	•
	Other Functions	WiFi Control - Samsung SmartThings	-	-	-	-	-
		Filter Cleaning Indicator	-	-	-	-	-
		Indoor Temp. Display	-	-	-	-	-
		Display On/Off	•	•	•	•	•
		Beep On/Off	•	•	•	•	•
		Auto Changeover	•	•	•	•	•
		Auto Restart	•	•	•	•	•

Accessories

Included

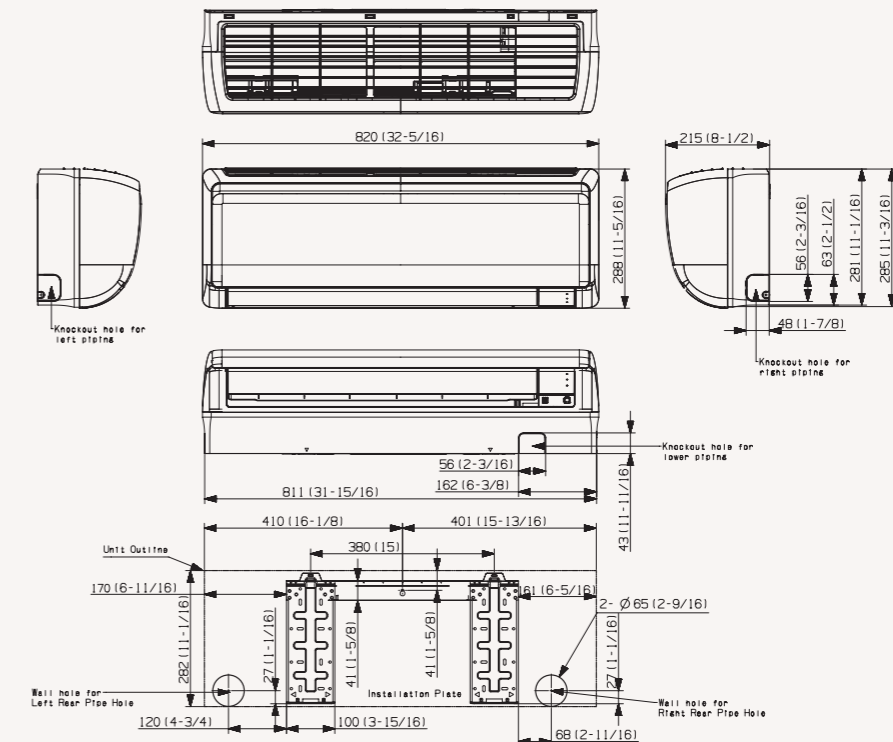


Wireless Remote Controller

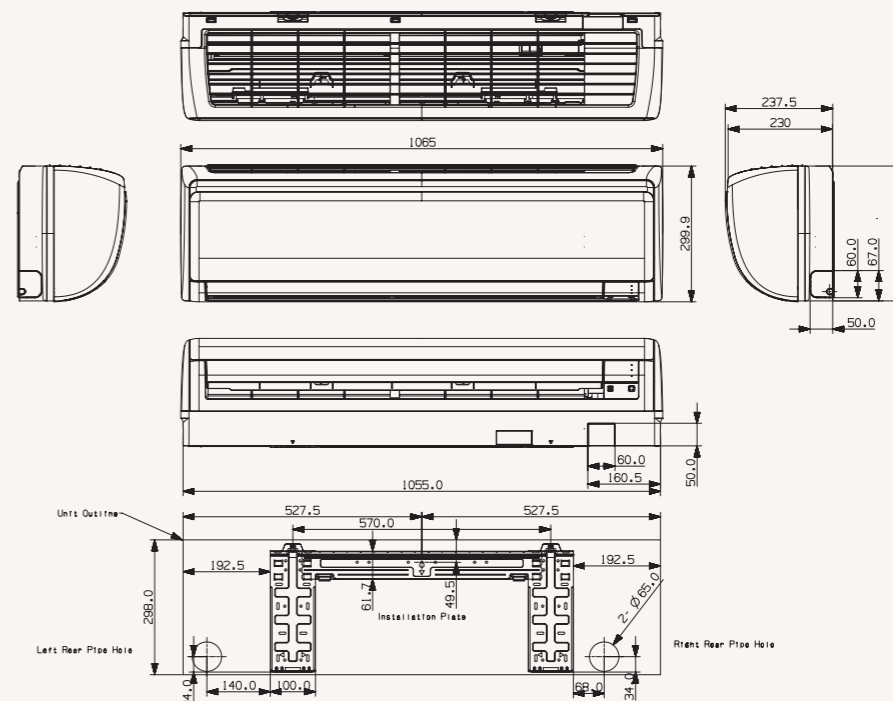
Dimensional Drawings

Maldives

AR07/09/12RXFPEWQNEU



AR18/24RXFPEWQNEU



Specifications



Wind-Free™ Mini 4-Way Cassette

- 2-Step Cooling – Fast Cooling & Wind-Free™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 32° and 75°; Blade width 66mm.

- Built-in humidity sensor.
- Built-in condensation drain pump (750 mmH2O).

Indoor Unit			AJ016RBNDEG/EU	AJ020RBNDEG/EU	AJ026RBNDEG/EU	AJ035RBNDEG/EU	AJ052RBNDEG/EU
Capacity							
	Cooling	kW	1.6	2.0	2.6	3.5	5.2
	Heating up to +7°C	kW	2.0	2.2	2.9	3.8	5.6
Performance							
AirFlow Rate		m ³ /min	9.0/ 8.2/ 6.9	9.0/ 8.2/ 6.9	9.0/ 8.2/ 6.9	10.5 / 9.0 / 7.4	10.5 / 9.0 / 7.4
Sound Power	Cooling	dB(A)	49	49	49	53	55
Sound Pressure	Low/High	dB(A)	24/ 29/ 33	24/ 29/ 33	24/ 29/ 33	27/ 31/ 35	32/ 36/ 39
Electrical Data							
Power Source		V/Hz/Φ	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
Power consumption	Cooling	W	19	19	19	22	28
	Heating	W	19	19	19	22	28
Current input	Cooling	A	0.51	0.51	0.51	0.52	0.53
	Heating	A	0.51	0.51	0.51	0.52	0.53
Dimensions							
Net Dimensions (W x H x 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
Net Weight		kg	11.5	11.5	11.5	11.5	11.8
Refrigerant							
Piping Connections	Liquid Pipe	Φ.inch	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas Pipe	Φ.inch	3/8"	3/8"	3/8"	3/8"	1/2"
Piping Connections	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)
Others							
Panel	Model code		PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
	Net Dimensions (W x H x 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
	Net Weight	kg	2.7	2.7	2.7	2.7	2.7
Accessories	Drain pump		included	included	included	included	included
	Max lifting height/ displacement	mm/ l/ h	750 / 24	750 / 24	750 / 24	750 / 24	750 / 24

Accessories

Optional Required



MWR-WE13

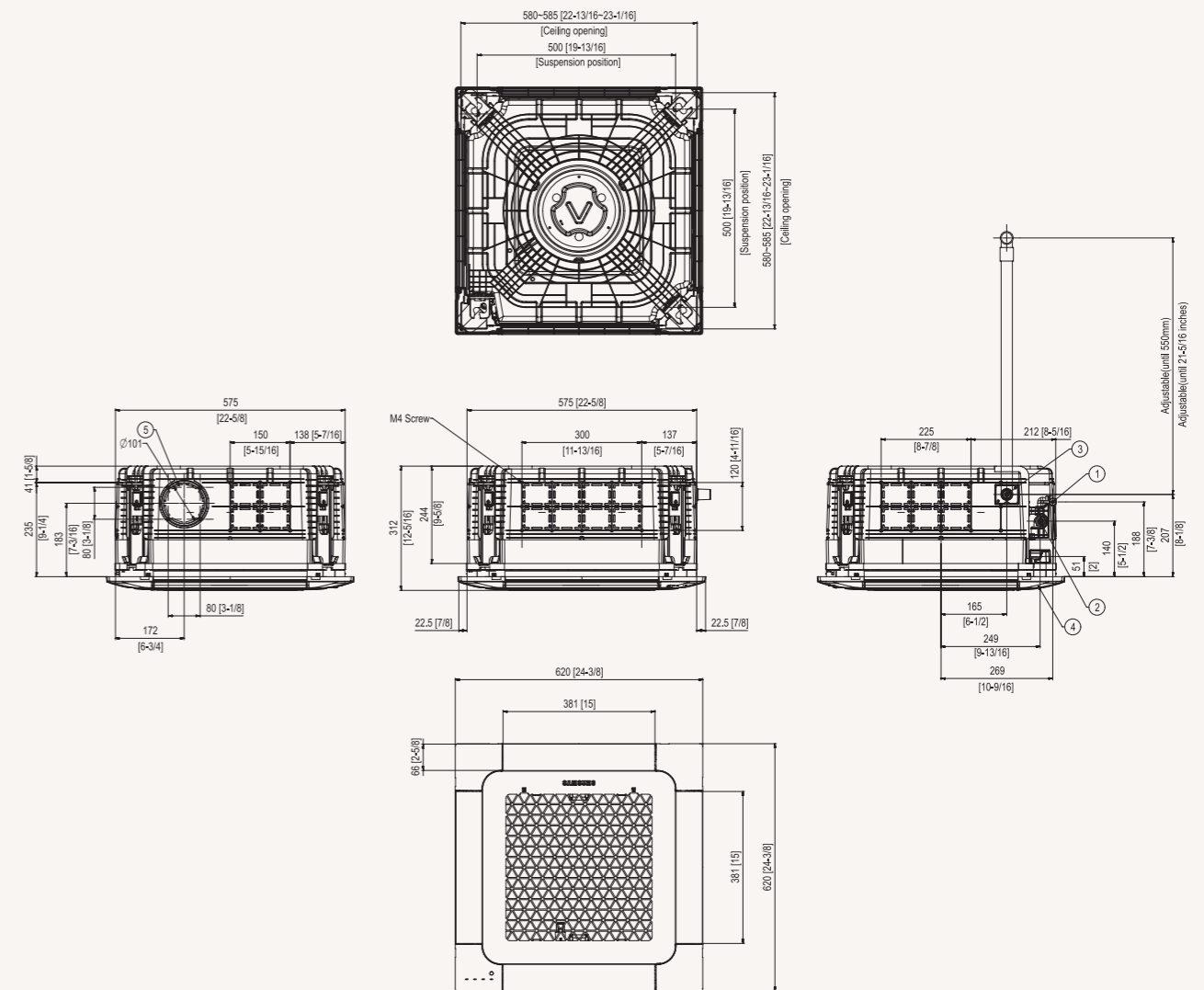


PC4SUFMAN

Dimensional Drawings

Wind-Free™ Mini 4-Way Cassette

AJ016/020/026/035/052RBNDEG/EU



Pos.	Name	Description				
		1.6 kW	2.0 kW	2.6 kW	3.5 kW	5.2 kW
1	Liquid pipe connection	Φ6.35 (1/4)				
2	Gas pipe connection	Φ9.52 (3/8)			Φ12.7(1/2)	
3	Drain pipe connection	VP-25 (OD 32 mm, ID 25 mm)				
4	Power & Communication wiring conduit	-				
5	Knock hole for Fresh air intake	Φ101(4), Use M4 Screw				

Specifications




Wind-Free™ 1-Way Cassette

- 2-Step Cooling – Fast Cooling & Wind-Free™ Cooling.
- Blade angle between 37° and 87°, Blade width 100mm.
- Built-in humidity sensor.

- Height of only 135 mm.
- Built-in condensation drain pump (750 mmH2O).

Indoor Unit			AJ026RB1DEG/EU	AJ035RB1DEG/EU
Capacity				
	Cooling	kW	2.6	3.5
	Heating up to +7°C	kW	2.9	3.8
Performance				
AirFlow Rate		m ³ /min	6.2 / 5.2 / 4.2	7.6 / 6.6 / 5.6
Sound Power	Cooling	dB(A)	50	55
Sound Pressure	Low/High	dB(A)	26/29/32	30/33/37
Electrical Data				
Power Source		V/Hz/Φ	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
Power consumption	Cooling	W	45	50
	Heating	W	45	50
Current input	Cooling	A	0.23	0.25
	Heating	A	0.23	0.25
Dimensions				
Net Dimensions (W x H x D)		mm	970 x 135 x 410	970 x 135 x 410
Net Weight		kg	10.0	10.0
Refrigerant				
Piping Connections	Liquid Pipe	Φ.inch	1/4"	1/4"
	Gas Pipe	Φ.inch	3/8"	3/8"
Piping Connections	Drain Pipe	Φ.mm	VP20 (OD 26.ID 20)	VP20 (OD 26.ID 20)
Others				
Panel	Model code		PC1NWFMAN	PC1NWFMAN
	Net Dimensions (W x H x D)	mm	1198 x 35 x 500	1198 x 35 x 500
	Net Weight	kg	4.3	4.3
Accessories	Drain pump		included	included
	Max lifting height/ displacement	mm/ l/ h	750 / 24	750 / 24

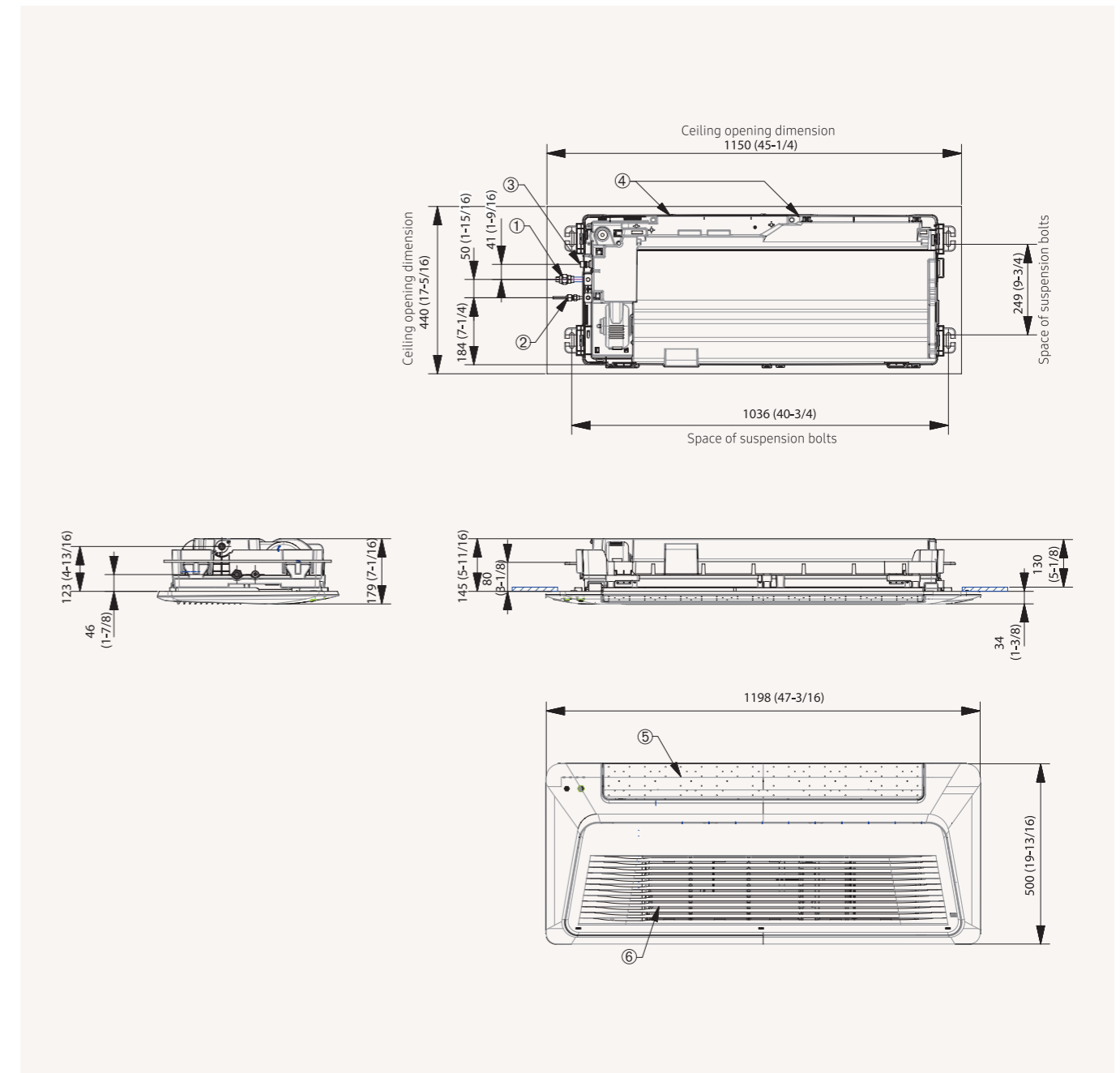
Accessories

Included	Optional	Required
		
Wireless Remote Controller	MWR-WE13	PC1NWFMAN

Dimensional Drawings

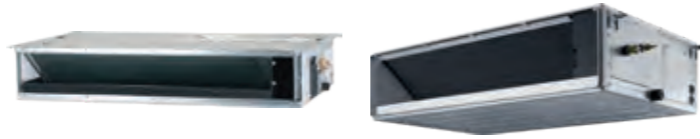
Wind-Free™ 1-Way Cassette

AJ026/035RB1DEG/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	

Specifications



Duct

- High efficiency microchannel heat exchanger.
- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Auto Restart function.
- Condensation drain pump (optional).

- Long-life HD 40 permanent filter is included.
- Auto ESP function.
- SPI Ionizer device (optional).

Indoor Unit			Slim Duct AJ026RBLDEG/EU	Slim Duct AJ035RBLDEG/EU	MSP Duct AJ052RBMDEG/EU
Capacity	Cooling	kW	2.6	3.5	5.2
	Heating up to +7°C	kW	2.9	3.8	5.6
Performance					
AirFlow Rate		m ³ /min	8.6 / 7.6 / 6.6	9.8 / 8.8 / 7.8	16.3 / 15.0 / 13.5
Sound Power	Cooling	dB(A)	53	53	59
Sound Pressure	Low/High	dB(A)	25/28/30	27/30/32	39/41/42
Electrical Data					
Power Source		V/Hz/Φ	220~240/ 50/1/ 2	220~240/ 50/1/ 2	220~240/ 50/1/ 2
Power consumption	Cooling	W	80	80	170
	Heating	W	80	80	170
Current Input	Cooling	A	0.4	0.4	1.04
	Heating	A	0.4	0.4	1.04
Dimensions					
Net Dimensions (W x H x D)		mm	900 x 199 x 600	900 x 199 x 600	900 x 260 x 480
Net Weight		kg	23.3	23.3	28.3
Refrigerant					
Piping Connections	Liquid Pipe	Φ.inch	1/4"	1/4"	1/4"
	Gas Pipe	Φ.inch	3/8"	3/8"	1/2"
Piping Connections	Drain Pipe	Φ.mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
Others					
Accessories	Drain pump		MDP-E075SEE3	MDP-E075SEE3	MDP-M075SGU3
	Max lifting height/ displacement	mm/ l/ h	750 / 24	750 / 24	750 / 24
	Air Filter		Removable/Washable	Removable/Washable	Removable/Washable

Accessories

Optional

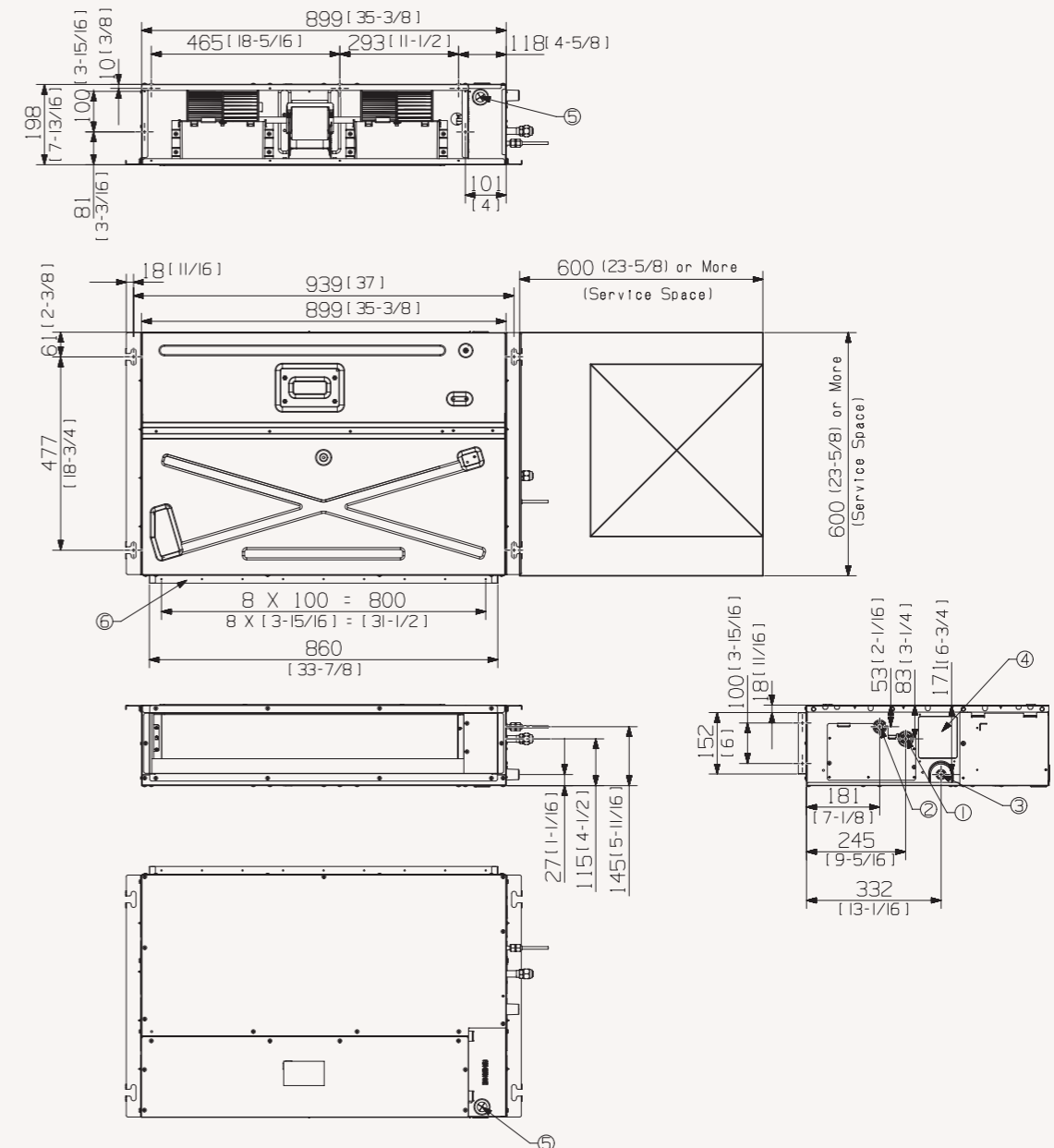


MWR-WE13

Dimensional Drawings

LSP Slim Duct

AJ***RBLDEG/EU

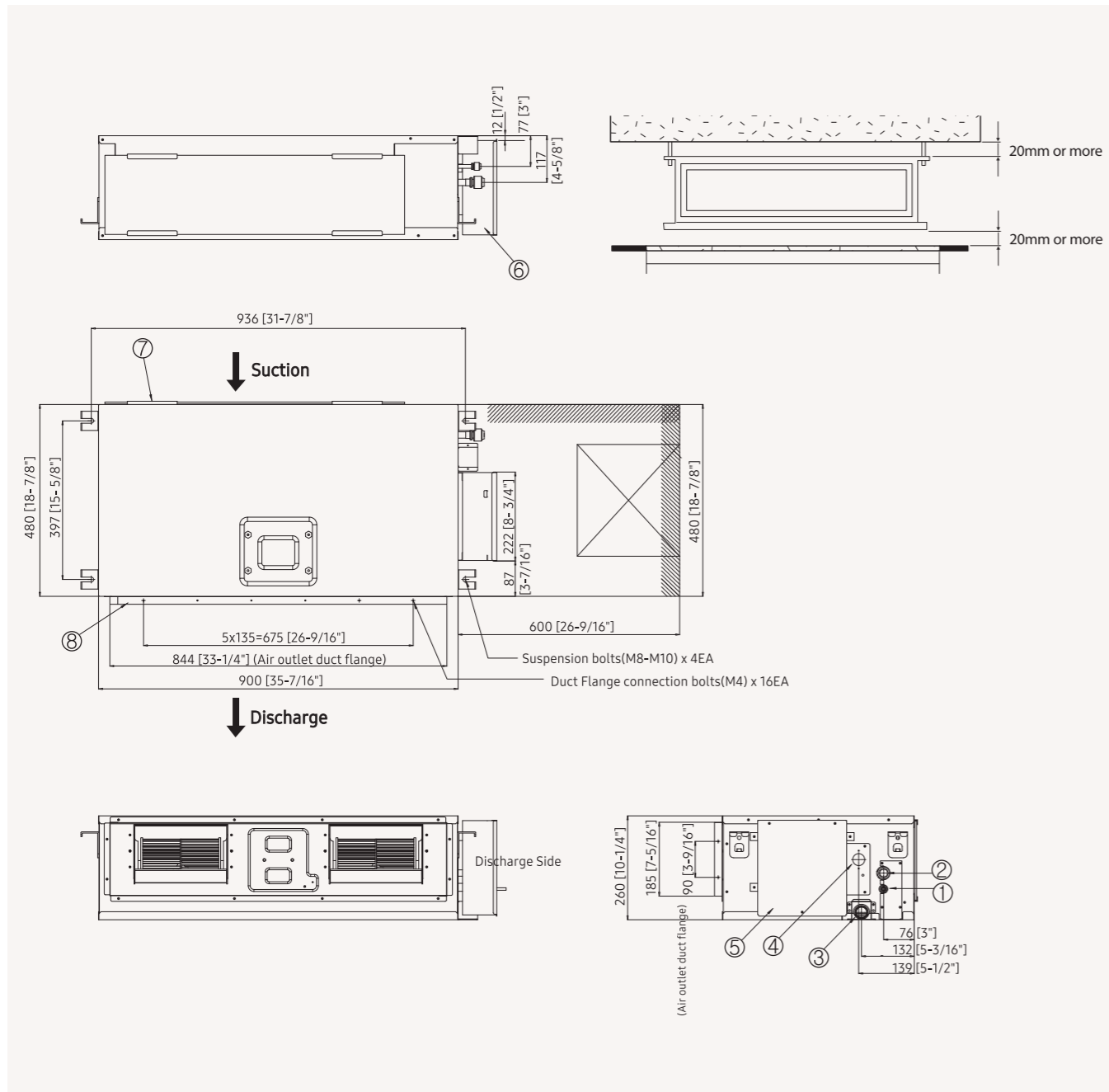


Pos.	Name	Description
1	Gas pipe connection	Φ9.52(3/8)
2	Liquid pipe connection	Φ6.35 (1/4)
3	Drain pipe connection	VP-25 (OD 32, ID 25)
4	Knockout hole for drain pump	Option kit
5	Conduit for power supply & communication wiring	-
6	Air outlet duct flange	-

Dimensional Drawings

MSP Duct

AJ052RBMDEG**



Pos.	Name	Description
1	Liquid pipe connection	Ø6.35 (1/4)
2	Gas pipe connection	Ø12.70(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	-
8	Air outlet duct flange	-



Specifications



Console R32

- SPI Ionizer device (included).
- Slim design: only 100 mm width.
- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Two separate air outlets, upper (cooling) and bottom (heating) to avoid stratifications.

- Long-life washable permanent filter.
- Auto Restart function.

Indoor Unit			AJ026RBJDEG/EU	AJ035RBJDEG/EU	AJ052RBJDEG/EU
Capacity					
	Cooling	kW	2.6	3.5	5.2
	Heating up to +7°C	kW	2.9	3.8	5.6
Performance					
AirFlow Rate		m ³ /min	9.0 / 7.8 / 6.7	10.5 / 9.3 / 8.2	11.2 / 9.9 / 8.6
Sound Power	Cooling	dB(A)	53	57	60
Sound Pressure	Low/High	dB(A)	23 / 31 / 36	24 / 35 / 38	32 / 39 / 43
Electrical Data					
Power Source		V/Hz/Φ	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
Power consumption	Cooling	W	30	35	50
	Heating	W	30	35	50
Current Input	Cooling	A	0.25	0.29	0.29
	Heating	A	0.25	0.29	0.29
Dimensions					
Net Dimensions (W x H x D)		mm	720 x 199 x 620	720 x 199 x 620	720 x 199 x 620
Net Weight		kg	15.7	15.7	15.7
Refrigerant					
Piping Connections	Liquid Pipe	Φ.inch	1/4"	1/4"	1/4"
	Gas Pipe	Φ.inch	3/8"	3/8"	1/2"
Piping Connections	Drain Pipe	Φ.mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)

Console (R410A)

Indoor Unit			MH026FJEA	MH035FJEA	MH052FJEA
Capacity					
	Cooling	kW	2.6	3.5	5.2
	Heating up to +7°C	kW	2.9	3.8	5.6
Performance					
AirFlow Rate		m ³ /min	9.0 / 7.8 / 6.7	10.5 / 9.3 / 8.2	11.2 / 9.9 / 8.6
Sound Power	Cooling	dB(A)	53	57	60
Sound Pressure	Low/High	dB(A)	23 / 31 / 36	24 / 35 / 38	32 / 39 / 43
Electrical Data					
Power Source		V/Hz/Φ	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
Power consumption	Cooling	W	30	35	50
	Heating	W	30	35	50
Current Input	Cooling	A	0.25	0.29	0.29
	Heating	A	0.25	0.29	0.29
Dimensions					
Net Dimensions (W x H x D)		mm	720 x 199 x 620	720 x 199 x 620	720 x 199 x 620
Net Weight		kg	15.7	15.7	15.7
Refrigerant					
Piping Connections	Liquid Pipe	Φ.inch	1/4"	1/4"	1/4"
	Gas Pipe	Φ.inch	3/8"	3/8"	1/2"
Piping Connections	Drain Pipe	Φ.mm	ID 18	ID 18	ID 18

Accessory

Optional



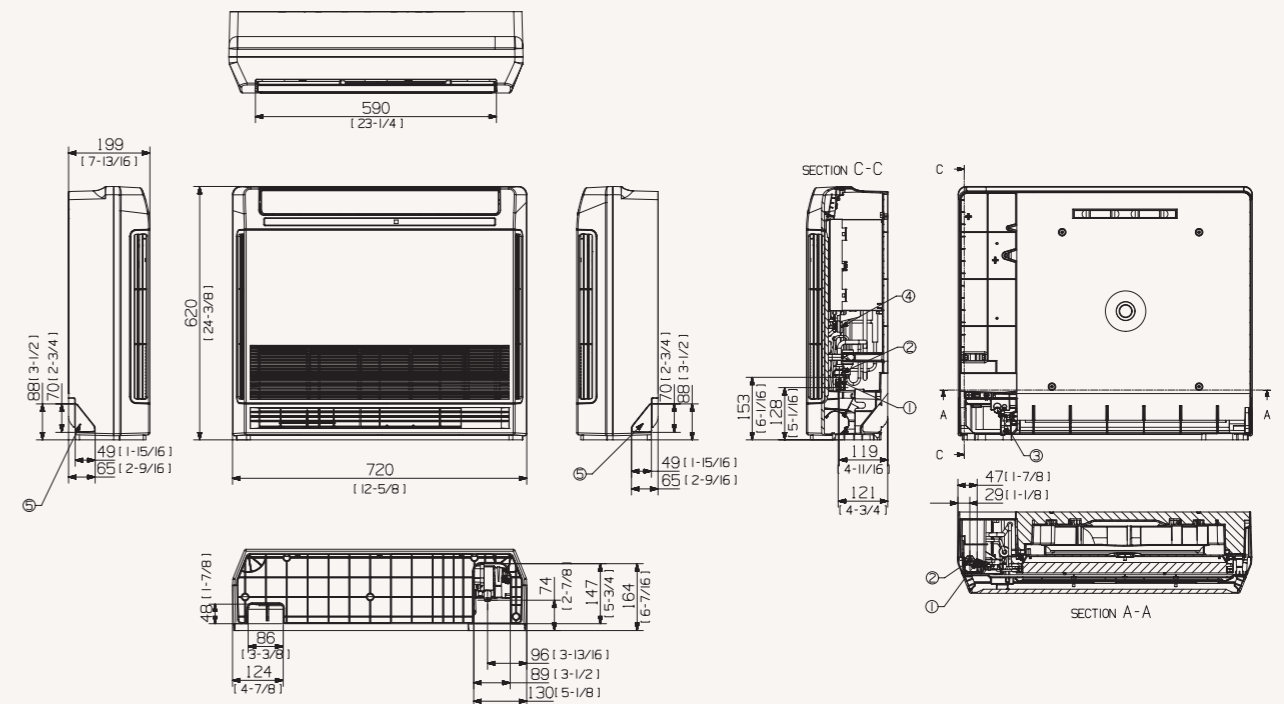
MWR-WE13

* Console R32 unit can only be combined with FJM R32 Outdoor Units.
* Console R410A unit can only be combined with FJM R410A Outdoor Units.
Please contact your local Samsung representative for more information.

Dimensional Drawings

Console

AJ***BRJDEG/EU / MH***FJEA



No	Name	Description
		AJ026RBJDEG/EU MH026FJEA
		AJ035/052RBJDEG/EU MH035/052FJEA
1	Liquid pipe connection	Ø6.35 (1/4)
2	Gas pipe connection	Ø9.52 (3/8)
3	Drain pipe connection	ID18mm [11/16inch] Hose
4	Power supply & communication wiring conduit	-
5	Knockout hole for frain hose	-

Combination Table

4-1. AJ040NCJ2EG/EU

Cooling

Outdoor unit	A	B	Cooling Capacity		Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SEER	Qce kWh
			W		W			W			A						
			A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX				
AJ040NCJ2EG 2 Unit	7	7	2000	2000	1300	4000	4700	300	900	1250	1.7	4.1	5.7	4.44	A+++	8.54	164
	7	9	1780	2220	1300	4000	4700	350	920	1270	1.9	4.2	5.8	4.35	A+++	8.51	165
	7	12	1450	2550	1300	4000	4700	350	930	1280	1.9	4.3	5.9	4.3	A+++	8.51	165
	9	9	2000	2000	1300	4000	4700	350	940	1290	1.9	4.3	5.9	4.26	A+++	8.51	165
	9	12	1670	2330	1300	4000	4700	350	950	1300	1.9	4.3	5.9	4.21	A+++	8.51	165

Heating

Outdoor unit	A	B	Heating Capacity		Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SCOP	P design kW	Qhe kWh
			W		W			W			A							
			A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					
AJ040NCJ2EG 2 Unit	7	7	2100	2100	1000	4200	4700	280	900	1180	1.4	4.1	5.4	4.67	A++	4.64	3.05	922
	7	9	1840	2360	1000	4200	4700	280	920	1190	1.4	4.2	5.4	4.57	A++	4.61	3.05	927
	7	12	1550	2650	1000	4200	4700	280	930	1200	1.4	4.3	5.5	4.52	A++	4.61	3.05	927
	9	9	2100	2100	1000	4200	4700	280	940	1210	1.4	4.3	5.5	4.47	A++	4.61	3.05	927
	9	12	1800	2400	1000	4200	4700	280	950	1220	1.4	4.3	5.6	4.42	A++	4.61	3.05	927

- EER and COP declared only for the purpose of tax deductions in force at the time of the creation of this catalogue.
- The above is the value for connecting with the following indoor units.
Triangle: AR07MXSAWKNEU, AR09MXSAWKNEU, AR12MXSAWKNEU
- You can not connect a single unit.
- Power consumption include indoor unit power.

4-2. AJ050NCJ2EG/EU

Cooling

Outdoor unit	A	B	Cooling Capacity		Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SEER	Qce kWh
			W		W			W			A						
			A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX				
AJ050NCJ2EG 2 Unit	7	7	2000	2000	1300	4000	4700	350	980	1290	1.9	4.5	5.9	4.08	A+++	8.51	165
	7	9	2040	2560	1300	4600	5200	350	1120	1520	1.9	5.1	7	4.11	A+++	8.51	189
	7	12	1820	3180	1400	5000	5500	350	1230	1510	1.9	5.6	6.9	4.07	A+++	8.51	206
	9	9	2500	2500	1400	5000	5500	350	1220	1500	1.9	5.6	6.9	4.1	A+++	8.54	205
	9	12	2080	2920	1400	5000	5500	350	1230	1510	1.9	5.6	6.9	4.07	A+++	8.51	206
	12	12	2500	2500	1400	5000	5500	350	1240	1520	1.9	5.7	7	4.03	A+++	8.51	206

Heating

Outdoor unit	A	B	Heating Capacity		Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SCOP	P design kW	Qhe kWh
			W		W			W			A							
			A	B	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					
AJ050NCJ2EG 2 Unit	7	7	2200	2200	1400	4400	4700	280	1010	1210	1.4	4.6	5.5	4.36	A++	4.61	3.05	927
	7	9	2230	2870	1400	5100	5460	280	1310	1610	1.4	6	7.4	3.89	A++	4.61	4.21	1277
	7	12	2060	3540	1400	5600	6300	280	1290	1710	1.4	5.9	7.8	4.34	A++	4.61	4.21	1277
	9	9	2800	2800	1400	5600	6300	280	1280	1700	1.4	5.9	7.8	4.38	A++	4.64	4.21	1270
	9	12	2400	3200	1400	5600	6300	280	1290	1710	1.4	5.9	7.8	4.34	A++	4.61	4.21	1277
	12	12	2800	2800	1400	5600	6300	280	1300	1720	1.4	5.9	7.9	4.31	A++	4.61	4.21	1277

- EER and COP declared only for the purpose of tax deductions in force at the time of the creation of this catalogue.
- The above is the value for connecting with the following indoor units.
Triangle: AR07MXSAWKNEU, AR09MXSAWKNEU, AR12MXSAWKNEU
- You can not connect a single unit.
- Power consumption include indoor unit power.

4-3. AJ052RCJ3EG/EU

Cooling

Outdoor unit	A	B	C	Cooling Capacity			Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SEER	Qce kWh	
				W			W			W			A							
				A	B	C	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					MIN
AJ052RCJ3EG 2 Unit	7	7		2000	2000		1100	4000	4800	320	1020	1630	2	4.5	7.5	3.92	A++	8.08	173	
	7	9		2040	2560		1100	4600	5520	320	1170	1850	2	5.2	8.5	3.93	A++	7.73	208	
	7	12		1820	3180		1100	5000	6290	320	1260	2000	2	5.6	9.2	3.97	A++	8.15	215	
	7	18		1490	3710		1200	5200	6600	320	1300	2040	2	5.7	9.3	4.00	A++	7.85	232	
	9	9		2500	2500		1100	5000	5800	320	1160	1980	2	5.1	9.1	4.30	A+++	8.51	206	
	9	12		2080	2920		1100	5000	6400	320	1250	2020	2	5.5	9.2	4.00	A++	8.16	214	
	9	18		1730	3470		1200	5200	6800	320	1300	2070	2	5.7	9.5	4.00	A++	7.85	232	
	12	12		2600	2600		1100	5200	6560	320	1300	2040	2	5.7	9.3	4.00	A++	8.16	214	
	3 Unit	7	7	7	1730	1730	1740	1450	5200	6380	330	1280	2020	2	5.7	9.2	4.06	A++	7.68	237
		7	7	9	1600	1600	2000	1450	5200	6490	330	1290	2040	2	5.7	9.3	4.03	A++	7.67	237
		7	7	12	1390	1390	2420	1450	5200	6800	330	1270	2070	2	5.6	9.5	4.09	A++	7.69	237
		7	9	9	1480	1860	1860	1450	5200	6600	330	1260	2040	2	5.6	9.3	4.13	A++	7.7	236
7		9	12	1300	1630	2270	1450	5200	6800	330	1270	2070	2	5.6	9.5	4.11	A++	7.69	237	
9		9	9	1730	1730	1740	1450	5200	6800	330	1250	2070	2	5.5	9.5	4.16	A++	7.7	236	
9		9	12	1530	1530	2140	1450	5200	6800	330	1250	2070	2	5.5	9.5	4.16	A++	8.08	225	

Heating

Outdoor unit	A	B	C	Heating Capacity			Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SCOP	P design kW	Qhe kWh	
				W			W			W			A								
				A	B	C	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX						MIN
AJ052RCJ3EG 2 Unit	7	7		2200	2200		950	4400	5060	280	1150	1510	1.7	5.4	6.9	3.83	A+	4.40	3.05	970	
	7	9		2040	3060		950	5100	5870	280	1320	1830	1.7	6.1	8.4	3.86	A+	4.35	4.21	1352	
	7	12		1990	3610		950	5600	6440	280	1450	1860	1.7	6.7	8.5	3.86	A+	4.34	4.60	1484	
	7	18		1610	4390		950	6000	6900	280	1570	1860	1.7	7.2	8.5	3.82	A+	4.27	4.28	1401	
	9	9		2900	2900		950	5800	6300	280	1510	1910	1.7	6.9	8.7	3.84	A++	4.60	4.60	1400	
	9	12		2620	3180		950	5800	6300	280	1510	1910	1.7	6.9	8.7	3.84	A+	4.34	4.60	1484	
	9	18		2240	4060		950	6300	7300	280	1640	1830	1.7	7.5	8.4	3.84	A+	4.27	4.28	1401	
	12	12		2950	2950		950	5900	6880	280	1530	1860	1.7	7.0	8.5	3.86	A+	4.34	4.60	1484	
	3 Unit	7	7	7	1930	1930	1940	1000	5800	6760	280	1500	1840	1.7	6.9	8.4	3.87	A+	4.30	4.60	1497
		7	7	9	1690	1690	2520	1000	5900	6840	280	1550	1840	1.7	7.1	8.4	3.81	A+	4.30	4.60	1497
		7	7	12	1650	1650	3000	1000	6300	7300	280	1560	1830	1.7	7.1	8.4	4.04	A+	4.30	4.60	1497
		7	9	9	1500	2250	2250	1000	6000	6920	280	1500	1840	1.7	6.9	8.4	4.00	A+	4.30	4.60	1497
		7	9	12	1460	2190	2650	1000	6300	7300	280	1530	1830	1.7	7.0	8.4	4.12	A+	4.30	4.60	1497
		9	9	9	2100	2100	2100	1000	6300	7300	280	1320	1830	1.7	6.1	8.4	4.77	A+	4.30	4.60	1497
		9	9	12	1850	1850	2600	1000	6300	7300	280	1320	1830	1.7	6.1	8.4	4.77	A+	4.30	4.60	1497

- EER and COP declared only for the purpose of tax deductions in force at the time of the creation of this catalogue.
- The above is the value for connecting with the following indoor units.
Triangle: AR07MXSAWK, AR09MXSAWK, AR12MXSAWK
Wind-Free™ Optimum: AR18RXPXWK
- You can not connect a single unit.
- Power consumption include indoor unit power.

Combination Table

4-4. AJ068RCJ3EG/EU

Cooling

Outdoor unit	A	B	C	Cooling Capacity			Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C EER	SEASONAL EFFICIENCY (ACCORDING EN14825) Class	SEER	Qce kWh	
				W			W			W			A							
				A	B	C	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					MIN
AJ068RCJ3EG	2 Unit	7	7		2000	2000		1300	4000	4800	420	1110	1480	2.3	5.2	6.8	3.60	A++	7.55	185
		7	9		2000	2500		1300	4500	5520	420	1270	1680	2.3	5.9	7.7	3.54	A++	7.47	211
		7	12		2000	3500		1300	5500	6550	420	1500	2470	2.3	6.9	11.3	3.50	A++	7.14	270
		7	18		1860	4640		1300	6500	7740	420	1660	2690	2.3	7.6	12.3	3.62	A++	7.54	302
		9	9		2500	2500		1300	5000	5950	420	1430	2260	2.3	6.6	10.3	3.50	A++	7.55	232
		9	12		2500	3500		1300	6000	7140	420	1650	2670	2.3	7.5	12.2	3.64	A++	7.48	281
		9	18		2270	4530		1380	6800	8090	430	1870	2660	2.3	8.5	12.2	3.64	A++	7.57	314
		12	12		3250	3250		1300	6500	7740	420	1770	2700	2.3	8.0	12.4	3.67	A++	7.56	301
		12	18		2800	4000		1380	6800	8090	430	1880	2670	2.3	8.5	12.2	3.62	A++	7.56	315
	18	18		3400	3400		1380	6800	8090	430	1850	2660	2.3	8.4	12.2	3.68	A++	7.58	314	
	3 Unit	7	7	7	2000	2000	2000	1800	6000	7400	440	1620	2650	2.3	7.4	12.1	3.70	A++	7.62	276
		7	7	9	2000	2000	2500	1800	6500	8000	440	1770	2690	2.3	8.0	12.3	3.67	A++	7.64	298
		7	7	12	1810	1810	3180	1800	6800	8400	440	1850	2700	2.3	8.4	12.4	3.68	A++	7.67	310
		7	7	18	1510	1510	3780	1800	6800	8400	440	1800	2690	2.3	8.1	12.3	3.78	A++	7.69	309
		7	9	9	1860	2320	2320	1800	6500	8000	440	1670	2690	2.3	7.6	12.3	3.90	A++	7.75	293
		7	9	12	1700	2130	2970	1800	6800	8400	440	1840	2690	2.3	8.3	12.3	3.70	A++	7.67	310
		7	9	18	1430	1790	3580	1800	6800	8400	440	1830	2690	2.3	8.3	12.3	3.72	A++	7.68	310
		7	12	12	1520	2640	2640	1800	6800	8400	440	1830	2700	2.3	8.3	12.4	3.72	A++	7.68	310
7		12	18	1300	2270	3230	1800	6800	8400	440	1830	2700	2.3	8.3	12.4	3.72	A++	7.68	310	
9	9	9	2260	2270	2270	1800	6800	8400	440	1820	2690	2.3	8.3	12.3	3.74	A++	7.68	310		
9	9	12	2000	2000	2800	1800	6800	8400	440	1820	2700	2.3	8.3	12.4	3.74	A++	7.68	310		
9	9	18	1700	1700	3400	1800	6800	8400	440	1810	2690	2.3	8.2	12.3	3.76	A++	7.69	310		
9	12	12	1780	2510	2510	1800	6800	8400	440	1810	2700	2.3	8.2	12.4	3.76	A++	7.69	310		
9	12	18	1550	2160	3090	1800	6800	8400	440	1800	2700	2.3	8.1	12.4	3.78	A++	7.69	309		
12	12	12	2260	2270	2270	1800	6800	8400	440	1800	2710	2.3	8.1	12.4	3.78	A++	7.69	309		

Heating

Outdoor unit	A	B	C	Heating Capacity			Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C EER	SEASONAL EFFICIENCY (ACCORDING EN14825) Class	SCOP	P de-sign kWh	Qhe kWh	
				W			W			W			A								
				A	B	C	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX						MIN
AJ068RCJ3EG	2 Unit	7	7		2200	2200		1400	4400	5060	380	1150	1600	1.9	4.9	7.3	3.83	A+	4.25	3.05	1006
		7	9		2200	3300		1400	5500	6330	380	1400	2000	1.9	6.0	9.2	3.93	A+	4.2	4.21	1401
		7	12		2200	4000		1400	6200	7130	380	1590	2300	1.9	6.8	10.5	3.90	A+	4.17	4.52	1517
		7	18		2090	5710		1400	7800	8970	380	1880	2700	1.9	8.5	12.4	4.14	A+	4.26	5.65	1856
		9	9		3300	3300		1400	6600	7590	380	1770	2600	1.9	7.5	11.9	3.73	A+	4.22	4.91	1628
		9	12		3300	4000		1400	7300	8400	380	1870	2600	1.9	8.0	11.9	3.90	A+	4.19	5.09	1699
		9	18		2770	5030		1400	7800	8970	380	1940	2800	1.9	8.7	12.8	4.02	A+	4.23	5.09	1683
		12	12		3900	3900		1400	7800	8970	380	1910	2700	1.9	8.6	12.4	4.08	A+	4.27	5.09	1668
		12	18		3200	4800		1400	8000	9200	380	1990	2800	1.9	9.0	12.8	4.02	A+	4.23	5.09	1683
	18	18		4000	4000		1400	8000	9200	380	1980	2800	1.9	8.9	12.8	4.04	A+	4.28	5.65	1847	
	3 Unit	7	7	7	2200	2200	2200	1400	6600	8100	380	1540	2400	1.9	6.6	11.0	4.28	A+	4.24	5.65	1867
		7	7	9	2200	2200	3300	1400	7700	9500	380	1780	2500	1.9	8.1	11.4	4.32	A+	4.24	5.65	1867
		7	7	12	2100	2100	3800	1400	8000	9800	380	1870	2600	1.9	8.5	11.9	4.28	A+	4.26	5.65	1856
		7	7	18	1690	1690	4620	1400	8000	9800	380	1860	2600	1.9	8.4	11.9	4.30	A+	4.26	5.65	1856
		7	9	9	2000	3000	3000	1400	8000	9800	380	1810	2500	1.9	8.2	11.4	4.42	A+	4.32	5.65	1833
		7	9	12	1850	2780	3370	1400	8000	9800	380	1830	2600	1.9	8.3	11.9	4.37	A+	4.24	5.65	1867
		7	9	18	1530	2300	4170	1400	8000	9800	380	1860	2600	1.9	8.4	11.9	4.30	A+	4.24	5.65	1867
		7	12	12	1720	3140	3140	1400	8000	9800	380	1860	2600	1.9	8.4	11.9	4.30	A+	4.24	5.65	1867
7		12	18	1450	2620	3930	1400	8000	9800	380	1860	2600	1.9	8.4	11.9	4.30	A+	4.24	5.65	1867	
9	9	9	2660	2670	2670	1400	8000	9800	380	1850	2600	1.9	8.4	11.9	4.32	A+	4.24	5.65	1867		
9	9	12	2490	2490	3020	1400	8000	9800	380	1850	2600	1.9	8.4	11.9	4.32	A+	4.26	5.65	1856		
9	9	18	2100	2100	3800	1400	8000	9800	380	1870	2600	1.9	8.5	11.9	4.28	A+	4.26	5.65	1856		
9	12	12	2340	2830	2830	1400	8000	9800	380	1870	2600	1.9	8.5	11.9	4.28	A+	4.24	5.65	1867		
9	12	18	1980	2410	3610	1400	8000	9800	380	1890	2700	1.9	8.6	12.4	4.23	A+	4.24	5.65	1867		
12	12	12	2660	2670	2670	1400	8000	9800	380	1810	2600	1.9	8.2	11.9	4.42	A+	4.32	5.65	1833		

- EER and COP declared only for the purpose of tax deductions in force at the time of the creation of this catalogue.
- The above is the value for connecting with the following indoor units.
Triangle: AR07MXWSAWK, AR09MXWSAWK, AR12MXWSAWK
Wind Free™ Optimum: AR18RXPBWK
- You can not connect a single unit.
- Power consumption include indoor unit power.

Combination Table

4-5. AJ080RCJ4EG/EU

Cooling

Outdoor unit	A	B	C	D	Cooling Capacity				Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C EER	SEASONAL EFFICIENCY (ACCORDING EN14825) Class	SEER	Qce kWh	
					W				W			W			A							
					A	B	C	D	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					MIN
AJ080RCJ4EG 2 Unit	7	7			2000	2000			1640	4000	4800	410	1110	1490	1.9	4.9	6.8	3.60	A++	7.55	185	
	7	9			2040	2560			1690	4600	5520	420	1310	1720	1.9	5.8	7.9	3.51	A++	7.47	216	
	7	12			2000	3500			1770	5500	6600	430	1570	2050	2.0	6.9	9.4	3.50	A++	7.14	270	
	7	18			2060	5140			1900	7200	8640	580	2050	2690	2.7	8.9	12.3	3.51	A++	7.31	345	
	7	24			1690	5760			1900	7450	8640	580	2130	2730	2.7	9.3	12.5	3.50	A++	7.25	359	
	9	9			2600	2600			1750	5200	6240	420	1480	2000	1.9	6.5	9.2	3.51	A++	7.3	249	
	9	12			2540	3560			1820	6100	7320	440	1680	2260	2.0	7.4	10.3	3.63	A++	7.46	286	
	9	18			2400	4800			1900	7200	8640	580	2050	2690	2.7	8.9	12.3	3.51	A++	7.31	345	
	9	24			2030	5520			1900	7550	8760	580	2150	2760	2.7	9.4	12.6	3.51	A++	7.26	364	
	12	12			3500	3500			1900	7000	8000	580	2000	2620	2.7	8.7	12.0	3.50	A++	7.3	336	
	12	18			3030	4320			1900	7350	8820	580	2110	2750	2.7	9.2	12.6	3.48	A++	7.27	354	
	12	24			2620	5080			1900	7700	8930	580	2180	2780	2.7	9.5	12.7	3.53	A++	7.21	377	
	18	18			3830	3830			1900	7660	9180	580	2120	2860	2.7	9.2	13.1	3.61	A++	7.21	372	
	18	24			3310	4490			1900	7800	8970	580	2150	2820	2.7	9.4	12.9	3.63	A++	7.22	378	
	3 Unit	7	7	7		2000	2000	2000		1810	6000	7200	440	1620	2310	2.0	6.9	10.6	3.70	A++	7.62	276
		7	7	9		2030	2030	2540		1870	6600	7920	440	1810	2500	2.0	7.7	11.4	3.65	A++	7.58	305
		7	7	12		1920	1920	3360		1900	7200	9000	580	2020	2780	2.7	8.6	12.7	3.56	A++	7.45	338
		7	7	18		1680	1680	4190		1900	7550	9180	580	2130	2730	2.7	9.1	12.5	3.54	A++	7.75	341
7		7	24		1480	1480	5040		1900	8000	9300	580	2090	2870	2.7	8.9	13.1	3.83	A++	7.75	361	
7		9	9		2000	2500	2500		1900	7000	8640	580	1930	2680	2.7	8.2	12.3	3.63	A++	7.35	348	
7		9	12		1830	2280	3200		1900	7310	9060	580	2030	2690	2.7	8.6	12.3	3.60	A++	7.75	330	
7		9	18		1610	2010	4030		1900	7650	9250	580	2050	2730	2.7	8.7	12.5	3.73	A++	7.81	343	
7		9	24		1420	1770	4810		1900	8000	9300	580	2030	2870	2.7	8.7	13.1	3.94	A++	7.77	360	
7		12	12		1680	2930	2930		1900	7540	9160	580	2070	2730	2.7	8.8	12.5	3.64	A++	7.78	339	
7		12	18		1500	2630	3750		1900	7880	9300	580	2050	2820	2.7	8.7	12.9	3.84	A++	7.74	356	
7		18	18		1330	3330	3330		1900	8000	9300	580	2010	2910	2.7	8.6	13.3	3.98	A++	7.78	360	
9		9	9		2400	2400	2400		1900	7200	9030	580	1950	2640	2.7	8.3	12.1	3.69	A++	7.77	324	
9		9	12		2180	2180	3060		1900	7420	9130	580	2040	2690	2.7	8.7	12.3	3.64	A++	7.77	334	
9		9	18		1940	1940	3890		1900	7770	9300	580	1950	2780	2.7	8.3	12.7	3.98	A++	7.77	350	
9		9	24		1690	1690	4610		1900	8000	9300	580	2000	2910	2.7	8.5	13.3	4.00	A++	7.79	359	
9		12	12		2010	2820	2820		1900	7650	9230	580	2080	2730	2.7	8.9	12.5	3.68	A++	7.79	344	
9		12	18		1820	2550	3640		1900	8000	9300	580	2020	2870	2.7	8.6	13.1	3.96	A++	7.78	360	
12	12	12		2630	2630	2630		1900	7890	9300	580	2120	2820	2.7	9.0	12.9	3.72	A++	7.71	358		
12	12	18		2330	2330	3330		1900	8000	9300	580	2110	2910	2.7	9.0	13.3	3.79	A++	7.74	362		
4 Unit	7	7	7	7	1830	1830	1830	1830	1900	7320	9050	580	1800	2690	2.7	8.2	12.3	4.06	A++	7.67	334	
	7	7	7	9	1750	1750	1750	2190	1900	7440	9120	580	1850	2690	2.7	8.4	12.3	4.02	A++	7.67	340	
	7	7	7	12	1610	1610	1610	2820	1900	7650	9220	580	1900	2730	2.7	8.6	12.5	4.03	A++	7.69	348	
	7	7	7	18	1450	1450	1450	3650	1900	8000	9300	580	2000	2870	2.7	9.0	13.1	4.00	A++	7.7	364	
	7	7	9	9	1680	1680	2090	2090	1900	7540	9180	580	1870	2730	2.7	8.5	12.5	4.03	A++	7.68	344	
	7	7	9	12	1550	1550	1940	2720	1900	7760	9280	580	1940	2780	2.7	8.8	12.7	4.00	A++	7.69	353	
	7	7	9	18	1390	1390	1740	3480	1900	8000	9300	580	1970	2870	2.7	8.9	13.1	4.06	A++	7.72	363	
	7	7	12	12	1450	1450	2550	2550	1900	8000	9300	580	1990	2870	2.7	9.0	13.1	4.02	A++	7.71	363	
	7	9	9	9	1610	2010	2010	2010	1900	7650	9250	580	1900	2730	2.7	8.6	12.5	4.03	A++	7.69	348	
	7	9	9	12	1500	1880	1880	2630	1900	7890	9300	580	1960	2820	2.7	8.9	12.9	4.03	A++	7.7	359	
	7	9	9	18	1330	1670	1670	3330	1900	8000	9300	580	1970	2910	2.7	8.9	13.3	4.06	A++	7.72	363	
	7	9	12	12	1400	1740	2430	2430	1900	8000	9300	580	1970	2870	2.7	8.9	13.1	4.06	A++	7.72	363	
	9	9	9	9	1940	1940	1940	1940	1900	7760	9300	580	1940	2780	2.7	8.8	12.7	4.00	A++	7.69	353	
	9	9	9	12	1820	1820	1820	2540	1900	8000	9300	580	1970	2870	2.7	8.9	13.1	4.06	A++	7.72	363	
	9	9	12	12	1670	1670	2330	2330	1900	8000	9300	580	1970	2910	2.7	8.9	13.3	4.06	A++	7.72	363	

Heating

Outdoor unit	A	B	C	D	Heating Capacity				Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C COP	SEASONAL EFFICIENCY (ACCORDING EN14825) Class	SCOP	p de-sign kW	Qhe kWh
					W				W			W			A							
					A	B	C	D	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					
AJ080RCJ4EG 2 Unit	7	7			2200	2200			1980	4400	5060	600	1150	1530	2.7	4.9	7.0	3.83	A+	4.25	3.05	1006
	7	9			2040	3060			2040	5100	5870	610	1290	1700	2.8	5.5	7.8	3.95	A+	4.20	4.21	1401
	7	12			2130	3870			2110	6000	6900	610	1530	2110	2.8	6.5	9.7	3.92	A+	4.11	4.91	1669
	7	18			2090	5710			2200	7800	9130	620	1920	2580	2.8	8.2	11.8	4.06	A+	4.18	5.09	1705
	7	24			1790	6330			2200	8120	9300	620	2000	2600	2.8	8.5	11.9	4.06	A+	4.18	5.2	1742
	9	9			2900	2900			2100	5800	6670	610	1470	1930	2.8	6.3	8.8	3.94	A+	4.11	4.91	1669
	9	12			3030	3670			2170	6700	7710	610	1730	2330	2.8	7.4	10.7	3.87	A+	4.11	4.91	1669
	9	18			2770	5030			2200	7800	9360	620	1920	2600	2.8	8.2	11.9	4.06	A+	4.18	5.09	1705
	9	24			2480	5870			2200	8350	9600	620	2220	2700	2.8	9.5	12.4	3.94	A+	4.18	5.2	1742
	12	12			3800	3800			2200	7600	8740	620	1890	2510	2.8	8.1	11.5					

Combination Table

4-6. AJ100RCJ5EG/EU

Cooling

Outdoor unit	A	B	C	D	E	Cooling Capacity					Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C EER	SEASONAL EFFICIENCY (ACCORDING EN14825) SEER	Qce kWh		
						W					W			W			A							
						A	B	C	D	E	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX				MIN	STD
AJ100RCJ5EG 2 Unit	7	7				2000	2000				1680	4000	4900	610	1110	1650	2.8	4.7	7.6	3.60	A++	7.28	192	
	7	9				2000	2500				1680	4500	5530	610	1270	1860	2.8	5.4	8.5	3.55	A++	7.39	213	
	7	12				2000	3500				1710	5500	6950	620	1570	2330	2.8	6.7	10.7	3.50	A++	7.40	260	
	7	18				2000	5000				2210	7000	8690	630	1970	2910	2.9	8.4	13.3	3.55	A++	7.37	332	
	7	24				1850	6240				2280	8070	10110	650	2290	3390	3.0	9.8	15.5	3.52	A++	7.30	387	
	9	9				2500	2500				1680	5000	6320	610	1400	2120	2.8	6.0	9.7	3.58	A++	7.49	234	
	9	12				2500	3500				1710	6000	7270	620	1690	2430	2.8	7.2	11.1	3.55	A++	7.46	282	
	9	18				2500	5000				2210	7500	9320	630	2140	3120	2.9	9.1	14.3	3.51	A++	7.33	358	
	9	24				2190	5960				2280	8150	10110	650	2340	3390	3.0	10.0	15.5	3.48	A++	7.30	391	
	12	12				3500	3500				2170	7000	8530	620	1960	2850	2.8	8.4	13.0	3.58	A++	7.38	332	
	12	18				3300	4720				2240	8020	9950	640	2260	3330	2.9	9.6	15.2	3.55	A++	7.31	386	
	12	24				2920	5670				2480	8590	10740	660	2480	3600	3.0	10.6	16.5	3.47	A++	7.15	420	
	18	18				4280	4280				2440	8560	10430	650	2460	3500	3.0	10.5	16.0	3.48	A++	7.15	419	
	18	24				3740	5080				2510	8820	10900	670	2470	3670	3.1	10.5	16.8	3.57	A++	7.29	423	
	24	24				4550	4550				3110	9100	11000	690	2560	3740	3.2	10.9	17.1	3.55	A++	7.30	436	
	AJ100RCJ5EG 3 Unit	7	7	7			2000	2000	2000			1760	6000	7270	640	1660	2460	2.9	7.1	11.3	3.62	A++	7.48	281
		7	7	9			2000	2000	2500			1760	6500	7900	640	1780	2660	2.9	7.6	12.2	3.65	A++	7.48	281
		7	7	12			2000	2000	3500			2280	7500	8850	650	2080	2980	3.0	8.9	13.6	3.61	A++	7.52	349
		7	7	18			1930	1930	4830			2310	8690	10270	660	2500	3450	3.0	10.7	15.8	3.48	A++	7.91	391
		7	7	24			1660	1660	5650			2550	8970	10430	680	2560	3530	3.1	10.9	16.2	3.51	A++	7.65	411
		7	9	9			2000	2500	2500			2240	7000	8370	640	1920	2820	2.9	8.2	12.9	3.64	A++	7.50	326
		7	9	12			2000	2500	3500			2280	8000	9320	650	2230	3130	3.0	9.5	14.3	3.58	A++	7.77	361
		7	9	18			1850	2310	4620			2310	8780	10270	660	2480	3450	3.0	10.6	15.8	3.54	A++	7.92	388
		7	9	24			1550	1940	5270			2550	8760	10430	680	2470	3530	3.1	10.5	16.2	3.54	A++	7.92	387
7		12	12			1930	3380	3380			2280	8690	10270	650	2500	3440	3.0	10.7	15.7	3.48	A++	7.91	391	
7		12	18			1700	2980	4250			2510	8930	10430	670	2590	3510	3.1	11.0	16.1	3.45	A++	7.90	396	
7		12	24			1460	2550	4950			2760	8960	10740	690	2550	3630	3.2	10.9	16.6	3.51	A++	7.65	410	
7		18	18			1480	3710	3710			2720	8900	10740	680	2540	3630	3.1	10.8	16.6	3.50	A++	7.92	394	
7		18	24			1340	3360	4560			3150	9260	11000	700	2570	3750	3.2	11.0	17.2	3.61	A++	7.75	418	
7		24	24			1260	4270	4270			3240	9800	11000	720	2720	3770	3.3	11.6	17.3	3.60	A++	7.77	442	
9		9	9			2500	2500	2500			2240	7500	8850	640	2080	2970	2.9	8.9	13.6	3.61	A++	7.52	349	
9		9	12			2500	2500	3500			2280	8500	9950	650	2390	3340	3.0	10.2	15.3	3.55	A++	7.91	376	
9		9	18			2210	2210	4430			2480	8850	10270	660	2520	3450	3.0	10.7	15.8	3.51	A++	7.92	391	
9		9	24			1880	1880	5110			2550	8870	10740	680	2530	3630	3.1	10.8	16.6	3.51	A++	7.92	392	
9		12	12			2310	3230	3230			2280	8770	10270	650	2440	3440	3.0	10.4	15.7	3.59	A++	7.93	387	
9		12	18			1980	2770	3950			2510	8700	10430	670	2420	3510	3.1	10.3	16.1	3.59	A++	7.93	384	
9		12	24			1770	2480	4810			2760	9060	10900	690	2570	3690	3.2	11.0	16.9	3.52	A++	7.66	414	
9		18	18			1800	3600	3600			2720	9000	10900	680	2560	3680	3.1	10.9	16.8	3.52	A++	7.65	412	
9		18	24			1640	3270	4450			3150	9360	11000	700	2590	3750	3.2	11.0	17.2	3.61	A++	7.75	423	
9	24	24			1520	4140	4140			3240	9800	11000	720	2660	3770	3.3	11.3	17.3	3.68	A++	7.79	440		
12	12	12			2980	2980	2980			2480	8940	10430	660	2410	3500	3.0	10.3	16.0	3.71	A++	7.98	392		
12	12	18			2600	2600	3710			2680	8910	10740	670	2410	3620	3.1	10.3	16.6	3.69	A++	7.97	391		
12	12	24			2350	2350	4560			3110	9260	11000	690	2540	3740	3.2	10.8	17.1	3.64	A++	7.75	418		
12	18	18			2390	3410	3410			3110	9210	11000	690	2530	3740	3.2	10.8	17.1	3.64	A++	7.75	416		
12	18	24			2240	3200	4360			3200	9800	11000	710	2750	3760	3.2	11.7	17.2	3.57	A++	7.75	442		
12	24	24			2000	3900	3900			3290	9800	11000	730	2750	3780	3.3	11.7	17.3	3.57	A++	7.75	442		
18	18	18			3260	3270	3270			3150	9800	11000	700	2750	3750	3.2	11.7	17.2	3.57	A++	7.75	442		
18	18	24			2920	2920	3960			3240	9800	11000	720	2750	3770	3.3	11.7	17.3	3.57	A++	7.75	442		

Outdoor unit	A	B	C	D	E	Cooling Capacity					Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/27°C EER	SEASONAL EFFICIENCY (ACCORDING EN14825) SEER	Qce kWh	
						W					W			W			A						
						A	B	C	D	E	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX				MIN
AJ100RCJ5EG 4 Unit	7	7	7	7		2000	2000	2000	2000		2350	8000	9320	670	2170	3160	3.1	9.2	14.5	3.68	A++	7.79	359
	7	7	7	9		2000	2000	2000	2500		2350	8500	9950	670	2290	3360	3.1	9.8	15.4	3.71	A++	7.95	374
	7	7	7	12		1850	1850	1850	3230		2380	8780	10270	680	2390	3470	3.1	10.2	15.9	3.68	A++	7.96	386
	7	7	7	18		1580	1580	1580	3950		2590	8690	10430	690	2330	3540	3.2	9.9	16.2	3.73	A++	7.97	382
	7	7	7	24		1420	1420	1420	4820		2840	9080	10900	710	2460	3710	3.2	10.5	17.0	3.69	A++	7.71	412
	7	7	9	9		1930	1930	2420	2420		2350	8700	10270	670	2330	3460	3.1	9.9	15.8	3.73	A++	7.97	382
	7	7	9	12		1770	1770	2210	3100		2550	8850	10270	680	2420	3470	3.1	10.3	15.9	3.66	A++	7.96	389
	7	7	9	18		1530	1530	1910	3830		2590	8800	10740	690	2380	3640	3.2	10.1	16.7				

Combination Table

Outdoor unit	A	B	C	D	E	Cooling Capacity					Capacity			Power Consumption			Current			Effic. NOM. Cooling. At 35°C/ 27°C	SEASONAL EFFICIENCY (ACCORDING EN14825)	SEER	Qce
						W					W			W			A						
						A	B	C	D	E	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX				
AJ100RCJ5EG 5 Unit	12	12	12	18		2210	2210	2210	3170		3200	9800	11000	710	2630	3760	3.2	11.2	17.2	3.73	A++	7.80	440
	12	12	12	24		1980	1980	1980	3860		3290	9800	11000	730	2630	3780	3.3	11.2	17.3	3.73	A++	7.80	440
	12	12	18	18		2020	2020	2880	2880		3240	9800	11000	720	2630	3770	3.3	11.2	17.3	3.73	A++	7.80	440
	7	7	7	7	7	1900	1900	1900	1900	1900	2630	9500	10270	700	2570	3490	3.2	11.5	16.0	3.69	A++	7.78	427
	7	7	7	7	9	1820	1820	1820	1820	2270	2630	9550	10430	700	2600	3550	3.2	11.6	16.2	3.68	A++	7.78	430
	7	7	7	7	12	1680	1680	1680	1680	2940	2660	9660	10740	710	2630	3650	3.2	11.7	16.7	3.68	A++	7.78	434
	7	7	7	7	18	1540	1540	1540	1540	3840	3240	10000	10900	720	2750	3720	3.3	12.2	17.0	3.64	A++	7.79	449
	7	7	7	7	24	1350	1350	1350	1350	4600	3330	10000	11000	740	2750	3790	3.4	12.2	17.3	3.64	A++	7.79	449
	7	7	7	9	9	1750	1750	1750	2180	2180	2630	9610	10430	700	2610	3550	3.2	11.6	16.2	3.68	A++	7.78	432
	7	7	7	9	12	1620	1620	1620	2020	2830	2840	9710	10740	710	2670	3650	3.2	11.9	16.7	3.64	A++	7.77	437
	7	7	7	9	18	1480	1480	1480	1860	3700	3240	10000	11000	720	2730	3770	3.3	12.1	17.3	3.66	A++	7.79	449
	7	7	7	9	24	1310	1310	1310	1630	4440	3330	10000	11000	740	2730	3790	3.4	12.1	17.3	3.66	A++	7.79	449
	7	7	7	12	12	1540	1540	1540	2690	2690	3200	10000	10900	710	2750	3710	3.2	12.2	17.0	3.64	A++	7.79	449
	7	7	7	12	18	1380	1380	1380	2410	3450	3290	10000	11000	730	2760	3780	3.3	12.3	17.3	3.62	A++	7.78	450
	7	7	7	12	24	1230	1230	1230	2150	4160	3380	10000	11000	750	2760	3800	3.4	12.3	17.4	3.62	A++	7.78	450
	7	7	7	18	18	1240	1240	1240	3140	3140	3330	10000	11000	740	2760	3790	3.4	12.3	17.3	3.62	A++	7.78	450
	7	7	9	9	9	1680	1680	2100	2100	2100	2630	9660	10740	700	2630	3650	3.2	11.7	16.7	3.68	A++	7.78	434
	7	7	9	9	12	1600	1600	2000	2000	2800	2840	10000	10900	710	2750	3710	3.2	12.2	17.0	3.64	A++	7.79	449
	7	7	9	9	18	1430	1430	1790	1790	3560	3240	10000	11000	720	2760	3770	3.3	12.3	17.3	3.62	A++	7.78	450
	7	7	9	9	24	1270	1270	1580	1580	4300	3330	10000	11000	740	2760	3790	3.4	12.3	17.3	3.62	A++	7.78	450
	7	7	9	12	12	1480	1480	1860	2590	2590	3200	10000	11000	710	2750	3760	3.2	12.2	17.2	3.64	A++	7.79	449
	7	7	9	12	18	1330	1330	1680	2330	3330	3290	10000	11000	730	2780	3780	3.3	12.3	17.3	3.60	A++	7.78	450
	7	7	9	12	24	1190	1190	1490	2080	4050	3380	10000	11000	750	2780	3800	3.4	12.3	17.4	3.60	A++	7.78	450
	7	7	9	18	18	1210	1210	1520	3030	3030	3330	10000	11000	740	2780	3790	3.4	12.3	17.3	3.60	A++	7.78	450
	7	7	12	12	12	1370	1370	2420	2420	2420	3240	10000	11000	720	2750	3770	3.3	12.2	17.3	3.64	A++	7.79	449
	7	7	12	12	18	1250	1250	2190	2190	3120	3290	10000	11000	730	2760	3780	3.3	12.3	17.3	3.62	A++	7.78	450
	7	9	9	9	9	1620	2020	2020	2020	2020	2800	9700	10740	700	2610	3650	3.2	11.6	16.7	3.71	A++	7.79	436
	7	9	9	9	12	1550	1920	1920	1920	2690	3200	10000	10900	710	2750	3710	3.2	12.2	17.0	3.64	A++	7.79	449
	7	9	9	9	18	1390	1720	1720	1720	3450	3240	10000	11000	720	2760	3770	3.3	12.3	17.3	3.62	A++	7.78	450
	7	9	9	9	24	1240	1530	1530	1530	4170	3330	10000	11000	740	2760	3790	3.4	12.3	17.3	3.62	A++	7.78	450
	7	9	9	12	12	1440	1790	1790	2490	2490	3200	10000	11000	710	2720	3760	3.2	12.1	17.2	3.68	A++	7.78	434
	7	9	9	12	18	1290	1610	1610	2260	3230	3290	10000	11000	730	2760	3780	3.3	12.3	17.3	3.62	A++	7.78	450
	7	9	9	12	24	1160	1450	1450	2020	3920	3380	10000	11000	750	2760	3800	3.4	12.3	17.4	3.62	A++	7.78	450
	7	9	9	18	18	1180	1470	1470	2940	2940	3330	10000	11000	740	2780	3790	3.4	12.3	17.3	3.60	A++	7.78	450
	7	9	12	12	12	1340	1670	2330	2330	2330	3240	10000	11000	720	2750	3770	3.3	12.2	17.3	3.64	A++	7.79	449
	7	9	12	12	18	1210	1520	2120	2120	3030	3290	10000	11000	730	2750	3780	3.3	12.2	17.3	3.64	A++	7.79	449
	7	12	12	12	12	1240	2190	2190	2190	2190	3240	10000	11000	720	2750	3770	3.3	12.2	17.3	3.64	A++	7.79	449
	9	9	9	9	9	2000	2000	2000	2000	2000	3000	10000	11000	700	2750	3700	3.2	12.2	16.9	3.64	A++	7.79	449
	9	9	9	9	12	1850	1850	1850	1850	2600	3200	10000	11000	710	2750	3760	3.2	12.2	17.2	3.64	A++	7.79	449
	9	9	9	9	18	1670	1670	1670	1670	3320	3240	10000	11000	720	2760	3770	3.3	12.3	17.3	3.62	A++	7.78	450
9	9	9	9	24	1490	1490	1490	1490	4040	3330	10000	11000	740	2760	3790	3.4	12.3	17.3	3.62	A++	7.78	450	
9	9	9	12	12	1720	1720	1720	2420	2420	3200	10000	11000	710	2750	3760	3.2	12.2	17.2	3.64	A++	7.79	449	
9	9	9	12	18	1560	1560	1560	2190	3130	3290	10000	11000	730	2760	3780	3.3	12.3	17.3	3.62	A++	7.78	450	
9	9	12	12	12	1610	1610	2260	2260	2260	3240	10000	11000	720	2750	3770	3.3	12.2	17.3	3.64	A++	7.79	449	
9	9	12	12	18	1470	1470	2060	2060	2940	3290	10000	11000	730	2760	3780	3.3	12.3	17.3	3.62	A++	7.78	450	
9	12	12	12	12	1520	2120	2120	2120	2120	3240	10000	11000	720	2750	3770	3.3	12.2	17.3	3.64	A++	7.79	449	

Heating

Outdoor unit	A	B	C	D	E	Heating Capacity					Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/ 20°C	SEASONAL EFFICIENCY (ACCORDING EN14825) Class	SCOP	P design	Qhe
						W					W			W			A							
						A	B	C	D	E	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					
AJ100RCJ5EG 2 Unit	7	7				2200	2200				1240	4400	5530	460	1070	1520	2.1	4.6	7.0	4.10	A+	4.16	3.05	1028
	7	9				2200	3300				1240	5500	6790	460	1360	1850	2.1	5.8	8.5	4.05	A+	4.15	4.21	1418
	7	12				2200	4000				1270	6200	7580	470	1490	2060	2.2	6.3	9.4	4.15	A+	4.19	4.91	1638
	7	18				2200	6000				1300	8200	10110	480	2010	2750	2.2	8.6	12.6	4.08	A+	4.09	5.88	2010
	7	24				2200	7800				1500	10000	12480	500	2490	3390	2.3	10.6	15.5	4.01	A+	4.03	7.70	2671
	9	9				3300	3300				1240	6600	8220	460	1630	2230	2.1	6.9	10.2	4.06	A+	4.19	4.91	1638
	9	12				3300	4000				1270	7300	9010	470	1810	2440	2.2	7.7	11.2	4.04	A+	4.19	4.91	1638
	9	18				3300	6000				1300	9300	11690	480	2320	3160	2.2	9.9	14.5	4.01	A+	4.03	7.70	2671
	9	24				3150	7450				1500	10600	13110	500	2640	3560	2.3	11.2	16.3	4.02	A+	4.03	7.70	2671
	12	12				4000	4000				1270	8000	9800	470	1940	2650	2.2	8.3	12.1	4.13	A+	4.19	4.91	1638
	12	18				4000	6000				1470	10000	12320	490	2490	3330	2.2	10.6	15.2	4.01	A+	4.03	7.70	2671
	12	24				3590	7010				1530	10600	13110	510	2670	3560	2.3	11.4	16.3	3.97	A+	4.03	7.70	2671
	18	18				5300	5300				1650	10600	13110	500										

Combination Table

Outdoor unit	A	B	C	D	E	Heating Capacity					Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C COP	SEASONAL EFFICIENCY (ACCORDING EN14825) Class	SCOP	P design kW	Qhe kWh
						W					W			W			A							
						A	B	C	D	E	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					
AJ100RCJ5EG 4 Unit	7	7	7	7		2200	2200	2200	2200		1400	8800	9800	520	2110	2700	2.4	9.0	12.4	4.18	A+	4.25	791	2607
	7	7	7	9		2140	2140	2140	3210		1560	9630	11380	520	2320	3120	2.4	9.9	14.3	4.15	A+	4.25	791	2607
	7	7	7	12		2010	2010	2010	3660		1590	9690	12170	530	2330	3330	2.4	9.9	15.2	4.15	A+	4.25	791	2607
	7	7	7	18		1730	1730	1730	4710		1780	9900	12170	540	2410	3350	2.5	10.3	15.3	4.11	A+	4.25	791	2607
	7	7	7	24		1630	1630	1630	5770		1960	10660	12320	560	2620	3410	2.6	11.2	15.6	4.07	A+	4.25	791	2607
	7	7	9	9		1950	1950	2920	2920		1560	9740	11530	520	2350	3160	2.4	10.0	14.5	4.15	A+	4.25	791	2607
	7	7	9	12		1840	1840	2760	3350		1590	9790	11850	530	2390	3250	2.4	10.2	14.9	4.09	A+	4.25	791	2607
	7	7	9	18		1610	1610	2410	4380		1890	10010	12170	540	2440	3350	2.5	10.4	15.3	4.11	A+	4.25	791	2607
	7	7	9	24		1530	1530	2290	5410		1960	10760	12480	560	2620	3450	2.6	11.2	15.8	4.10	A+	4.25	791	2607
	7	7	12	12		1750	1750	3190	3190		1750	9880	12170	530	2360	3340	2.4	10.1	15.3	4.19	A+	4.25	791	2607
	7	7	12	18		1630	1630	2960	4440		1930	10660	12320	550	2610	3390	2.5	11.1	15.5	4.09	A+	4.25	791	2607
	7	7	12	24		1470	1470	2670	5210		2280	10820	12800	570	2630	3540	2.6	11.2	16.2	4.11	A+	4.25	791	2607
	7	7	18	18		1460	1460	3970	3970		2240	10860	12800	560	2640	3530	2.6	11.2	16.2	4.11	A+	4.25	791	2607
	7	7	18	24		1330	1330	3630	4710		2320	11000	12960	580	2680	3600	2.7	11.4	16.5	4.10	A+	4.25	791	2607
	7	9	9	9		1790	2690	2690	2690		1720	9860	12170	520	2390	3330	2.4	10.2	15.2	4.13	A+	4.25	791	2607
	7	9	9	12		1710	2560	2560	3100		1750	9930	12320	530	2410	3370	2.4	10.3	15.4	4.12	A+	4.25	791	2607
	7	9	9	18		1590	2380	2380	4330		1890	10680	12480	540	2620	3430	2.5	11.2	15.7	4.08	A+	4.25	791	2607
	7	9	9	24		1440	2160	2160	5100		2240	10860	12960	560	2670	3580	2.6	11.4	16.4	4.07	A+	4.25	791	2607
	7	9	12	12		1630	2440	2960	2960		1860	9990	12170	530	2440	3340	2.4	10.4	15.3	4.10	A+	4.25	791	2607
	7	9	12	18		1530	2290	2780	4170		1930	10770	12480	550	2640	3440	2.5	11.2	15.7	4.08	A+	4.25	791	2607
	7	9	12	24		1400	2100	2540	4960		2280	11000	12960	570	2680	3580	2.6	11.4	16.4	4.11	A+	4.25	791	2607
	7	9	18	18		1390	2070	3770	3770		2240	11000	12960	560	2680	3580	2.6	11.4	16.4	4.11	A+	4.25	791	2607
	7	9	18	24		1250	1880	3420	4450		2320	11000	13110	580	2680	3640	2.7	11.4	16.7	4.11	A+	4.25	791	2607
	7	12	12	12		1560	2830	2830	2830		1890	10050	12320	540	2420	3380	2.5	10.3	15.5	4.15	A+	4.25	791	2607
	7	12	12	18		1470	2670	2670	4010		2200	10820	12800	550	2650	3520	2.5	11.3	16.1	4.08	A+	4.25	791	2607
	7	12	12	24		1350	2440	2440	4770		2280	11000	12960	570	2680	3590	2.6	11.4	16.4	4.11	A+	4.25	791	2607
	7	12	18	18		1330	2410	3630	3630		2280	11000	12960	570	2680	3580	2.6	11.4	16.4	4.11	A+	4.25	791	2607
	7	12	18	24		1210	2200	3300	4290		2360	11000	13430	590	2680	3730	2.7	11.4	17.1	4.11	A+	4.25	791	2607
	7	18	18	18		1190	3270	3270	3270		2320	11000	13430	580	2680	3720	2.7	11.4	17.0	4.11	A+	4.25	791	2607
	9	9	9	9		2490	2490	2490	2490		1820	9960	12480	520	2310	3410	2.4	9.8	15.6	4.32	A+	4.32	791	2564
	9	9	9	12		2380	2380	2380	2880		1860	10020	12320	530	2340	3370	2.4	10.0	15.4	4.28	A+	4.25	791	2607
	9	9	9	18		2240	2240	2240	4080		2160	10800	12800	540	2610	3510	2.5	11.1	16.1	4.14	A+	4.25	791	2607
	9	9	9	24		2050	2050	2050	4850		2240	11000	12960	560	2680	3580	2.6	11.4	16.4	4.11	A+	4.25	791	2607
	9	9	12	12		2410	2410	2920	2920		1860	10660	12480	530	2510	3420	2.4	10.7	15.7	4.24	A+	4.25	791	2607
	9	9	12	18		2160	2160	2620	3930		2200	10870	12960	550	2630	3560	2.5	11.2	16.3	4.13	A+	4.25	791	2607
	9	9	12	24		1970	1970	2400	4660		2280	11000	13110	570	2680	3620	2.6	11.4	16.6	4.11	A+	4.25	791	2607
	9	9	18	18		1950	1950	3550	3550		2240	11000	13110	560	2680	3620	2.6	11.4	16.6	4.11	A+	4.25	791	2607
	9	9	18	24		1780	1780	3240	4200		2320	11000	13590	580	2680	3760	2.7	11.4	17.2	4.11	A+	4.25	791	2607
	9	12	12	12		2320	2810	2810	2810		1890	10750	12480	540	2600	3430	2.5	11.1	15.7	4.13	A+	4.25	791	2607
	9	12	12	18		2100	2540	2540	3820		2200	11000	12960	550	2680	3570	2.5	11.4	16.3	4.11	A+	4.25	791	2607
	9	12	12	24		1910	2300	2300	4490		2280	11000	13110	570	2680	3630	2.6	11.4	16.6	4.11	A+	4.25	791	2607
	9	12	18	18		1880	2280	3420	3420		2280	11000	13110	570	2680	3620	2.6	11.4	16.6	4.11	A+	4.25	791	2607
12	12	12	12		2700	2700	2700	2700		2160	10800	12800	540	2610	3510	2.5	11.1	16.1	4.14	A+	4.25	791	2607	
12	12	12	18		2440	2440	2440	3680		2240	11000	12960	560	2680	3570	2.6	11.4	16.3	4.11	A+	4.25	791	2607	
12	12	12	24		2220	2220	2220	4340		2320	11000	13430	580	2680	3720	2.7	11.4	17.0	4.11	A+	4.25	791	2607	
12	12	18	18		2200	2200	3300	3300		2280	11000	13430	570	2680	3710	2.6	11.4	17.0	4.11	A+	4.25	791	2607	

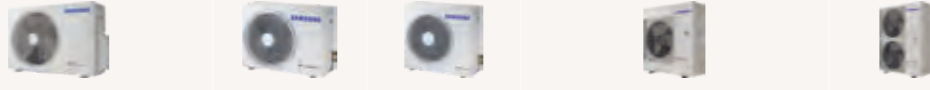





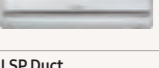

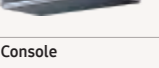


Outdoor unit	A	B	C	D	E	Heating Capacity					Capacity			Power Consumption			Current			Effic. NOM. Heating. At 7°C/20°C COP	SEASONAL EFFICIENCY (ACCORDING EN14825) Class	SCOP	P design kW	Qhe kWh
						W					W			W			A							
						A	B	C	D	E	MIN	STD	MAX	MIN	STD	MAX	MIN	STD	MAX					
AJ100RCJ5EG 5 Unit	7	7	7	7	7	2200	2200	2200	2200	2200	1650	11000	13110	550	2560	3610	2.5	11.7	16.5	4.30	A+	4.25	791	2607
	7	7	7	7	9	2080	2080	2080	3120	1820	11440	12960	550	2670	3570	2.5	12.2	16.3	4.28	A+	4.25	791	2607	
	7	7	7	7	12	1990	1990	1990	3620	1850	11580	13110	560	2720	3610	2.6	12.4	16.5	4.26	A+	4.25	791	2607	
	7	7	7	7	18	1710	1710	1710	4660	2000	11500	13430	570	2700	3710	2.6	12.3	17.0	4.26	A+	4.25	791	2607	
	7	7	7	7	24	1580	1580	1580	5610	2360	11930	13750	590	2810	3810	2.7	12.8	17.4	4.24	A+	4.25	791	2607	
	7	7	7	9	9	1950	1950	2930	2930	1930	11710	13430	550	2750	3690	2.5	12.5	16.9	4.26	A+	4.25	791	2607	
	7	7	7	9	12	1880	1880	1880	2820	3420	11880	13110	560	2800	3610	2.6	12.7	16.5	4.24	A+	4.25	791	2607	
	7	7	7	9	18	1630	1630	1630	2440	4450	11780	13590	570	2790	3750	2.6	12.7	17.2	4.22	A+	4.25	791	2607	
	7	7	7	9	24	1490	1490	1490	2240	5290	12000	13900	590	2820	3860	2.7	12.8	17.7	4.26	A+	4.25	791	2607	
	7	7	7	12	12	1730	1730	1730	3140	3140	11470	13430	560	2680	3700	2.6	12.2	16.9	4.28	A+	4.25	791	2607	
	7	7	7	12	18	1580	1580	1580	2880	4320	11940	13750	580	2830	3800	2.7	12.9	17.4	4.22	A+	4.25	791	2607	
	7	7	7	12	24	1430	1430	1430	2620	5090	12400	14000	600	2830	3940	2.7	12.9	18.0	4.24	A+	4.			

Commercial





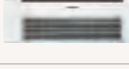

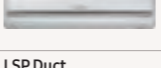

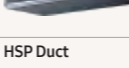


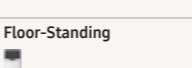



Lineup

CAC (R32)

Type	2.6kW	3.5kW	5.2kW	7.1kW	10kW	12kW	14kW
							
360 Cassette 				•	•	•	•
Wind-Free™ 4-Way Cassette 			•	•	•	•	•
Wind-Free™ Mini 4-Way Cassette 	•	•	•	•			
Wind-Free™ 1-Way Cassette 	•	•					
Wall-Mounted Triangle 	•	•	•	•			
Wall-Mounted Max 					•		
LSP Duct 	•	•	•	•			
MSP Duct 		•	•	•	•	•	•
Console 	•	•	•				
Ceiling 			•	•	•	•	•

CAC R410A

Type	2.6kW	3.5kW	5.2kW	6kW	7.1kW	9kW	10kW	12kW	14kW	16kW	18kW	20kW	25kW
													
360 Cassette 					•	•	•	•	•				
Wind-Free™ 4-Way Cassette 			•	•	•	•	•	•	•				
Wind-Free™ Mini 4-Way Cassette 	•	•	•	•	•								
1-Way Cassette 	•	•											
Wall-Mounted Triangle 	•	•	•	•	•								
Wall-Mounted Max 							•						
LSP Duct 	•	•	•	•	•								
MSP Duct 		•	•	•	•	•	•	•	•				
HSP Duct 											•	•	•
Console 	•	•	•										
Ceiling 			•	•	•	•	•	•	•				
Floor-Standing 							•		•				

Lineup









CAC R410A High Efficiency

Type	2.6kW	3.5kW	6.0kW	7.1kW	10kW	12kW
						
4-Way Cassette 				•	•	•
Mini 4-Way Cassette 	•	•				
Wall-Mounted Triangle 	•	•	•			
Wall-Mounted Max 					•	
MSP Duct 		•	•	•	•	•



Twin/Triple/Quad combinations

CAC (R32)

Indoor Unit	kW	Outdoor Unit			
		AC071RXADKG/EU 7	AC100RXADKG/EU AC100RXADNG/EU 10	AC120RXADKG/EU AC120RXADNG/EU 12	AC140RXADKG/EU AC140RXADNG/EU 14
360 Cassette 	7				2
	10				
	12				
Wind-Free™ 4-Way Cassette 	5		2	3	3
	7				2
	10				
Wind-Free™ 4-Way Mini Cassette 	3.5	2	3	4	4
	5		2	3	3
	7				2
Wind-Free™ 1-Way Cassette 	3.5	2	3	4	4
Wall-Mounted Triangle 	3.5	2	3	4	4
	5		2	3	3
	7				2
Slim Duct 	3.5	2	3	4	4
	5		2	3	3
	7				2
MSP Duct 	3.5	2	3	4	4
	5		2	3	3
	7				2
	10				
Ceiling 	5		2	3	3
	7				2
	10				
	12				

CAC R410A

Indoor Unit	kW	Outdoor Unit				Outdoor Unit	
		AC071MXADKH/EU 7	AC100MXADKH/EU AC100MXADNH/EU 10	AC120MXADKH/EU AC120MXADNH/EU 12	AC140MXADKH/EU AC140MXADNH/EU 14	AC200KXAPNH/EU 20	AC250KXAPNH/EU 25
360 Cassette 	7				2	3	4
	9					2	3
	10					2	
	12						2
1-Way Cassette 	3.5	2	3	4	4		
Wall-Mounted Triangle 	3.5	2	3	4	4		
	5		2	3	3	4	
	7				2	3	4
Slim Duct 	3.5	2	3	4	4		
	5		2	3	3	4	
	7				2	3	4
MSP Duct 	3.5	2	3	4	4		
	5		2	3	3	4	
	6			2		3	4
	7				2	3	4
	9					2	3
	10					2	
Console 	3.5	2	3	4	4		
	5		2	3	3	4	
Ceiling 	5		2	3	3	4	
	7				2	3	4
	10					2	
	12						2

Specifications



360 Cassette R32 NEW

Indoor Unit			AC071RN4PKG/EU	AC100RN4PKG/EU	AC120RN4PKG/EU	AC140RN4PKG/EU
Outdoor Unit- Mono-Phase			AC071RXADKG/EU	AC100RXADKG/EU	AC120RXADKG/EU	AC140RXADKG/EU
Outdoor Unit- Tri-Phase			-	AC100RXADNG/EU	AC120RXADNG/EU	AC140RXADNG/EU
Capacity						
Capacity	Cooling (Min/Nominal/Max)	kW	1.50 / 7.10 / 8.70	3.0 / 10.0 / 12.0	3.5 / 12.0 / 13.5	3.5 / 13.4 / 15.5
	Heating up to +7°C (Min/Nominal/Max)	kW	1.90 / 8.00 / 9.00	2.2 / 11.2 / 15.5	3.5 / 13.2 / 15.5	3.5 / 15.5 / 18.0
	Heating @ -5°C	kW	7.8	11.00	12.9	15.2
	Heating @ -15°C	kW	7.00	9.7	11.5	13.5
Performance						
Energy Efficiency Cooling	SEER	W/W	6.7 / A++	6.8 / A++	6.0 / A+	6.4
	Consumption	kWh/a	371	515	TBD	-
	Pdesignc	kW	7.1	10.0	TBD	-
	EER	W/W	2.6	3.08	2.69	2.81
Energy Efficiency Heating	SCOP	W/W	4.2 / A+	4.3 / A+	4.0 / A+	4.1
	Consumption	kWh/a	1500	1726	TBD	-
	Pdesignh (average)	kW	4.5	5.3	6.5	8.4
	COP	W/W	3.23	3.5	3.26	3.35
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	51.0	72.0	72.0	110.0
Sound Power	Indoor Unit	dB(A)	53	61	61	61
	Outdoor Unit	dB(A)	65	69	70	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	29 / 33 / 36	33 / 39 / 44	35 / 40 / 45	37 / 41 / 45
	Outdoor Unit	dB(A)	49/51	52 / 54	54 / 56	53 / 54
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo	Turbo
	Power	W	65	97	97	97
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa				
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.35 / 2.73 / 3.60	0.60 / 3.24 / 4.70	0.90 / 4.45 / 5.30	0.80 / 4.76 / 6.45
	Heating	kW	0.35 / 2.48 / 3.95	0.46 / 3.20 / 5.40	0.75 / 4.05 / 5.60	0.70 / 4.62 / 7.36
Current Input	Cooling (Min/Std/Max)	A	2.0 / 11.8 / 16.0	3.0 / 14.4 / 20.4	0.75 / 4.05 / 5.60	3.7 / 20.6 / 28.0
	Heating (Min/Std/Max)	A	2.0 / 10.7 / 17.0	3.0 / 14.4 / 20.4	3.7 / 17.7 / 26.0	3.7 / 20.6 / 28.0
	Cooling- Tri-Phase (Min/Std/Max)	A	-	1.5 / 5.1 / 7.1	2.1 / 6.9 / 10.0	2.1 / 7.3 / 10.5
	Heating- Tri-Phase (Min/Std/Max)	A	-	1.2 / 5.0 / 8.4	2.1 / 6.3 / 12.0	1.9 / 7.1 / 12.0
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
	Outdoor Unit	mm	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330
Net Weight	Indoor Unit	kg	20.2	23.5	23.5	25.5
	Outdoor Unit	kg	51.0	75.0	81.0	91.5
Refrigerant						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)			
	Factory charging	kg	1.7 / 15m	2.7 / 30m	2.7 / 30m	2.9 / 30m
	Charging Ton equivalent CO2	tCO2e	1.15 tCO2e	1.82 tCO2e	1.82 tCO2e	1.96 tCO2e
	Additional refrigerant charging	g / m	25	50	50	50
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	5 / 8	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	3 / 50	50	50	75
Piping Height	Max	m	30	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others						
Panel	Model code		PC4NUNMAN	PC4NUNMAN	PC4NUNMAN	PC4NUNMAN
	Net Dimensions (W x H x D)	mm	1050 x 66 x 1050	1050 x 66 x 1050	1050 x 66 x 1050	1050 x 66 x 1050
	Net Weight	kg	2.7	2.7	2.7	2.7
Accessories	Drain pump		included	included	included	included
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- 360° air supply.
- Bladeless discharge by using 3 small booster fans.
- Built-in condensation drain pump (750 mmH2O).
- High ceiling mode for heights up to 4.6m (12.8/14 kW), 3.9m (11.2 kW), 3.5m(4.5-9kW).

- SPI Ionizer device (optional).
- Circular or square cassette panel.



Specifications













360 Cassette (R410A)

			AC071MN4PKH/EU AC071MXADKH/EU	AC090MN4PKH/EU AC090MXADKH/EU	AC100MN4PKH/EU AC100MXADKH/EU AC100MXADNH/EU	AC120MN4PKH/EU AC120MXADKH/EU AC120MXADNH/EU	AC140MN4PKH/EU AC140MXADKH/EU AC140MXADNH/EU
		Indoor Unit					
		Outdoor Unit- Mono-Phase					
		Outdoor Unit- Tri-Phase					
Capacity							
Capacity	Cooling (Min/Nominal/Max)	kW	2.20 / 7.10 / 8.00	3.00 / 9.00 / 11.30	3.00 / 10.00 / 12.00	3.50 / 12.00 / 13.50	3.50 / 13.40 / 15.50
	Heating up to +7°C (Min/Nominal/Max)	kW	1.90 / 8.00 / 9.00	2.20 / 10.00 / 13.90	2.20 / 11.20 / 15.50	3.50 / 13.00 / 15.50	3.50 / 15.50 / 18.00
	Heating @ -5°C	kW	7.84	9.8	10.98	12.74	15.19
	Heating @ -15°C	kW	6.96	8.7	9.74	11.31	13.49
Performance							
Energy Efficiency Cooling	SEER	W/W	6.2 / A++	6.8 / A++	6.8 / A++	5.7 / A+	3,0
	Consumption	kWh/a	401	463	515	737	-
	Pdesignc	kW	7.1	9.0	10,0	12,0	-
	EER	W/W	2.85	3.19	2.94	2.55	3.01
Energy Efficiency Heating	SCOP	W/W	4.1 / A+	4.3 / A+	4.3 / A+	4.1 / A+	3.4
	Consumption	kWh/a	1537	1726	1726	2527	-
	Pdesignh (average)	kW	4.5	5.3	5.3	7.4	-
	COP	W/W	3.33	3.77	3.56	3.25	3.4
AirFlow Rate	Indoor Unit (High/Mid/Low)	m3/min	17.5 / 15.9 / 14.3	30.1 / 24.4 / 19.8	31.2 / 25.5 / 19.8	32.5 / 25.5 / 19.8	32.5 / 25.5 / 19.8
Sound Power	Indoor Unit	dB(A)	53	60	61	61	61
	Outdoor Unit	dB(A)	65	68	69	70	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	29 / 33 / 36	33 / 38 / 43	33 / 39 / 44	35 / 40 / 45	37 / 41 / 45
	Outdoor Unit	dB(A)	49 / 51	52 / 53	52 / 54	54 / 56	53 / 54
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo	Turbo	Turbo
	Power	W	65	97	97	97	97
	Number	EA	1	1	1	1	1
External Static Pressure	Min / Std / Max	Pa					
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data							
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	-	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.35 / 2.49 / 3.95	0.60 / 2.82 / 4.46	0.60 / 3.40 / 4.70	0.90 / 4.70 / 5.30	0.80 / 4.45 / 6.44
	Heating	kW	0.35 / 2.40 / 3.95	0.46 / 2.65 / 5.20	0.46 / 3.15 / 5.40	0.75 / 4.00 / 5.50	0.70 / 4.54 / 7.36
Current Input	Cooling (Min/Std/Max)	A	2.0 / 11.1 / 17.0	3.0 / 12.7 / 19.4	3.0 / 15.1 / 20.4	4.3 / 20.5 / 23.0	3.7 / 20.0 / 28.0
	Heating (Min/Std/Max)	A	2.0 / 10.7 / 17.0	2.5 / 12.5 / 22.7	2.5 / 14.6 / 23.0	3.7 / 17.5 / 24.0	3.5 / 19.5 / 32.0
	Cooling- Tri-Phase (Min/Std/Max)	A	-	-	1.50 / 5.30 / 7.10	2.10 / 7.10 / 12.00	2.10 / 7.00 / 12.00
	Heating- Tri-Phase (Min/Std/Max)	A	-	-	1.20 / 4.90 / 8.40	2.10 / 6.30 / 12.00	1.90 / 7.00 / 12.00
Dimensions							
Net Dimensions (W x H x D)	Indoor Unit	mm	947 x 281 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
	Outdoor Unit	mm	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330
Net Weight	Indoor Unit	kg	20.2	23.5	23.5	23.5	25.5
	Outdoor Unit	kg	53,0	72,0	72,0	77,0	87,0
Refrigerant							
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)				
	Factory charging	kg	1.50 / 5m	3 / 30m	3 / 30m	3 / 30m	3.4 / 30m
	Charging Ton equivalent CO2	tCO2e	3.13 tCO2e	6.26 tCO2e	6.26 tCO2e	6.26 tCO2e	7.10 tCO2e
	Additional refrigerant charging	g / m	20	50	50	50	50
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	3 / 8	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	5 / 8	5 / 8	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	50	50	50	50	75
Piping Height	Max	m	30	30	30	30	30
Piping Connections	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)
Others							
Panel	Model code		PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN	PC4NUDMAN
	Net Dimensions (W x H x D)	mm	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000	1000 x 66 x 1000
	Net Weight	kg	3.6	3.6	3.6	3.6	3.6
Accessoires	Drain pump		inclus	inclus	inclus	inclus	inclus
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24	750/24

- 360° air supply.
- Bladeless discharge by using 3 small booster fans.
- Built-in condensation drain pump (750 mmH2O).
- High ceiling mode for heights up to 4.6m (12.8/14 kW), 3.9m (11.2 kW), 3.5m(4.5~9kW).

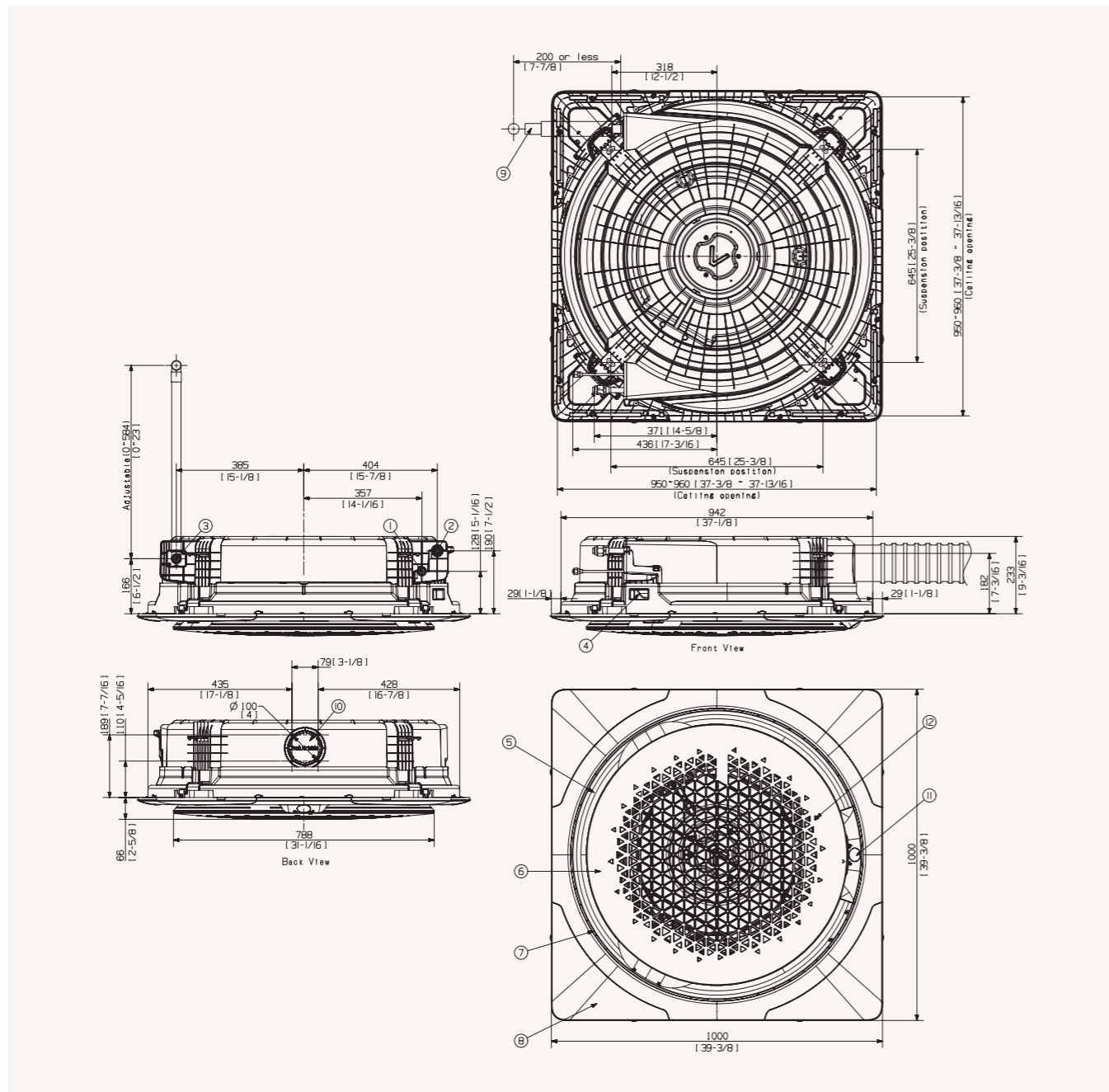
- SPI Ionizer device (optional).
- Circular or square cassette panel.

Accessories									
Individual Controllers (Optional)			Others (Optional)			Panel (Mandatory)			
									
AR-KH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	MIM-H03N	MRW-TA	PC4NUDMAN	PC4NUNMAN	PC4NBDMAN	PC4NBNMAN

Dimensional Drawings

360 Cassette (square)

AC071*N4PK*/EU

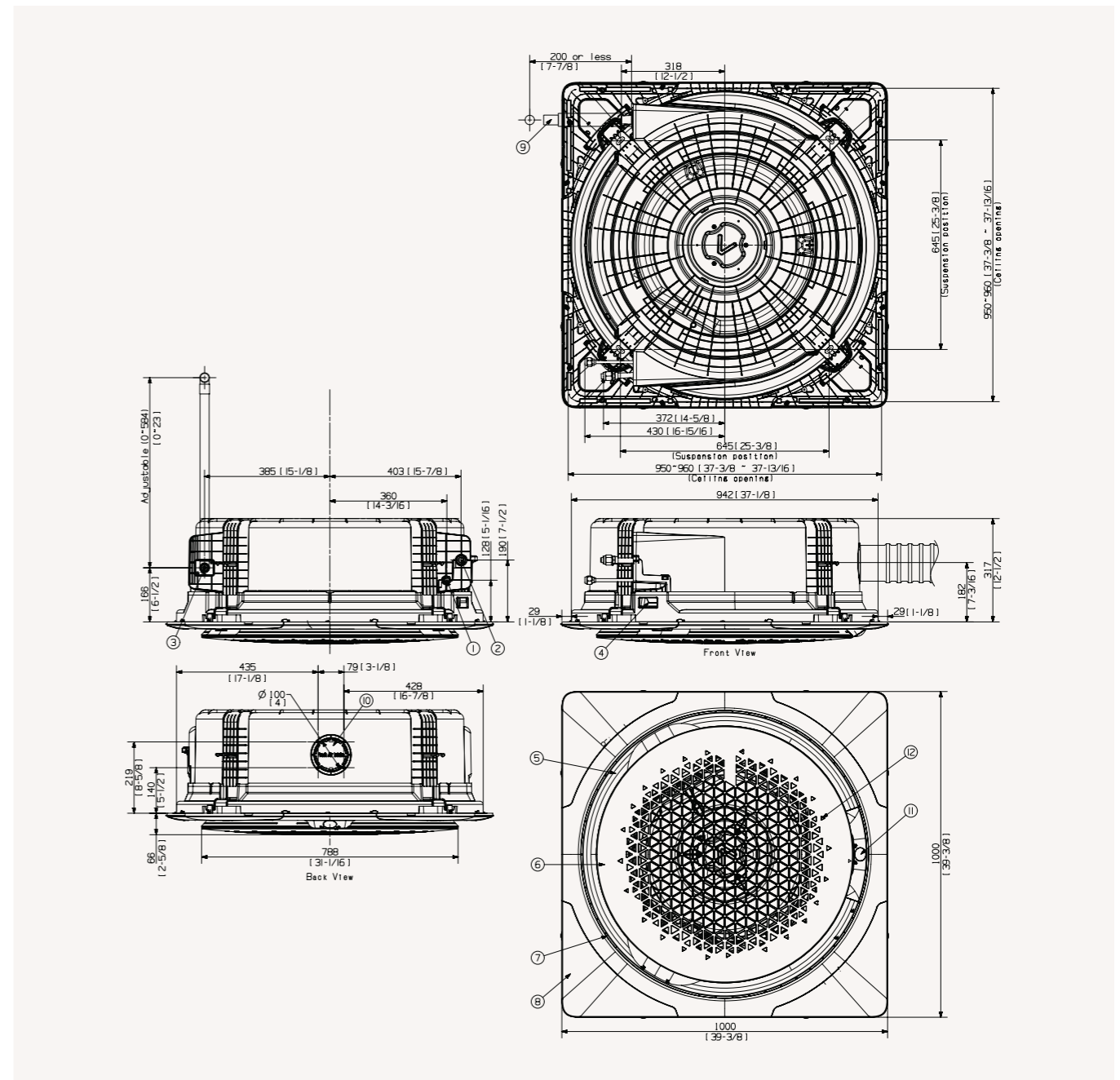


Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 15,88 mm (5/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	-
8	Panel	-
9	Condensation drain piping (accessory)	-
10	Pre-cut hole - external air	ø 100 mm
11	Display	-
12	Wireless remote controller receiver	-

360 Cassette (square)

AC090/100/120/140*N4PK*/EU



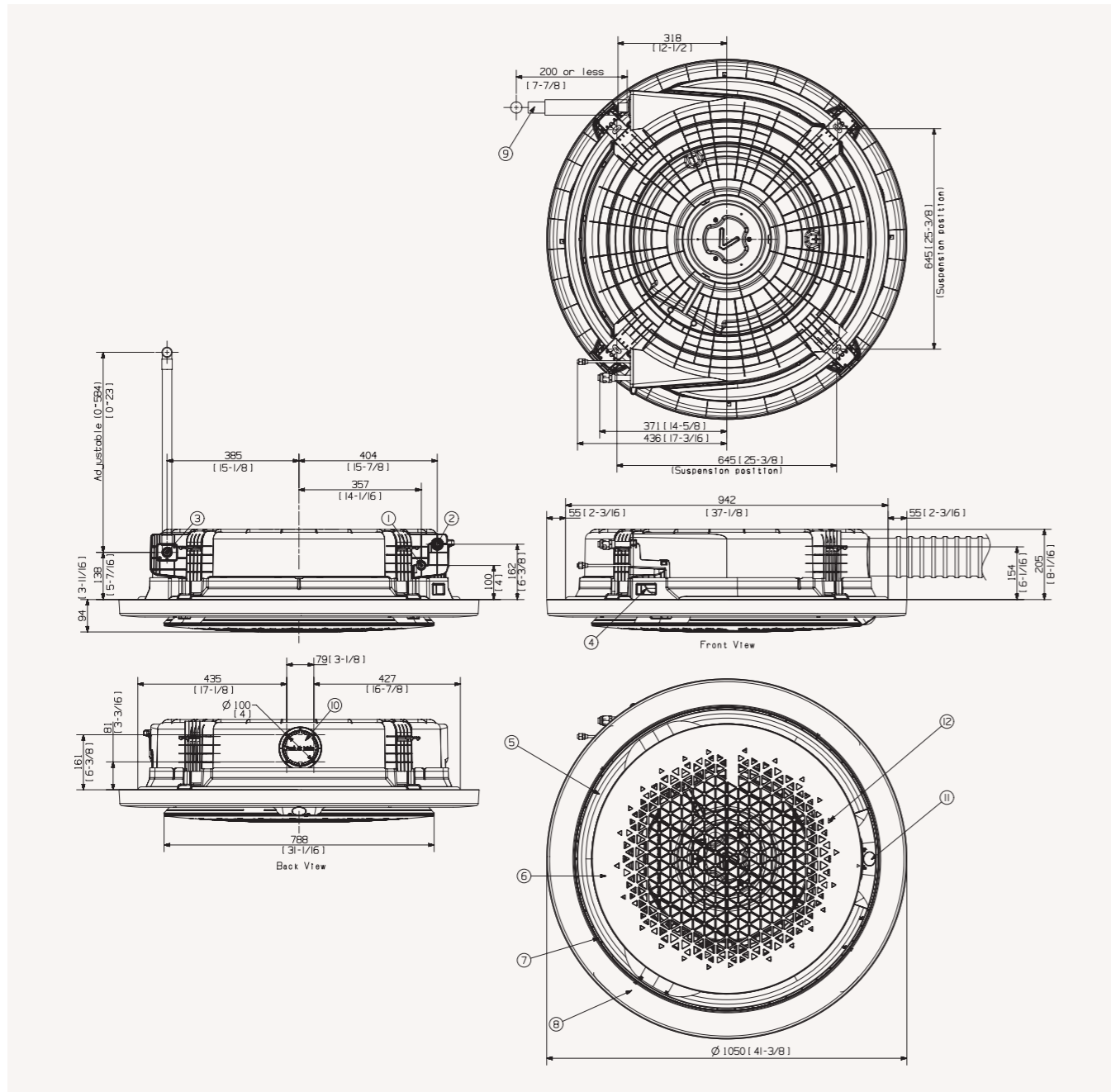
Pos.	Name	Description
1	Liquid piping	ø 9,52 mm (3/8")
2	Gas piping	ø 15,88 mm (5/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	-
8	Panel	-
9	Condensation drain piping (accessory)	-
10	Pre-cut hole - external air	ø 100 mm
11	Display	-
12	Wireless remote controller receiver	-

Dimensional Drawings

360 Cassette (circle)

AC071*N4PK*/EU

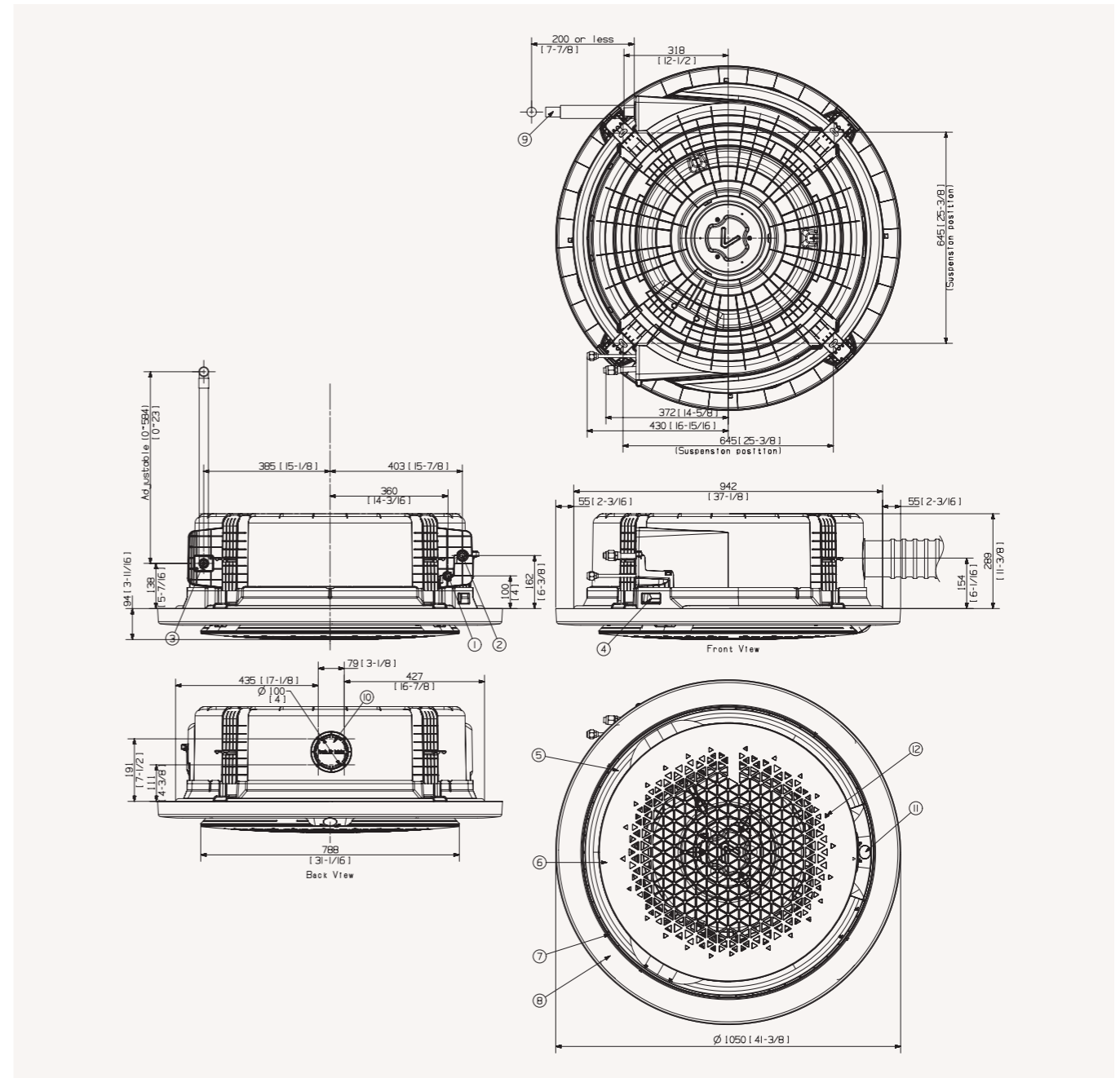


Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 15,88 mm (5/8")
3	Condensation drain piping	VP-25 (OD332, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	-
8	Panel	-
9	Condensation drain piping (accessory)	-
10	Pre-cut hole - external air	ø 100 mm
11	Display	-
12	Wireless remote controller receiver	-

360 Cassette (circle)

AC090/100/120/140*N4PK*/EU



Pos.	Name	Description
1	Liquid piping	ø 9,52 mm (3/8")
2	Gas piping	ø 15,88 mm (5/8")
3	Condensation drain piping	VP-25 (OD332, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	-
8	Panel	-
9	Condensation drain piping (accessory)	-
10	Pre-cut hole - external air	ø 100 mm
11	Display	-
12	Wireless remote controller receiver	-

Specifications

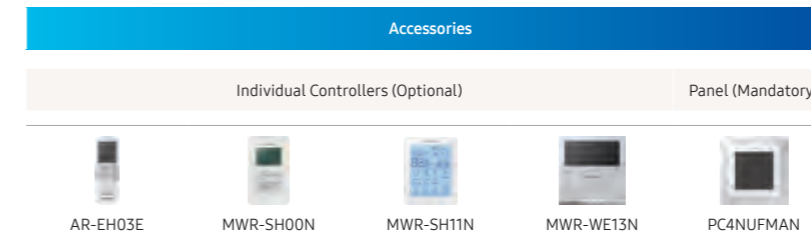


Wind-Free™ 4-Way Cassette R32 NEW

Indoor Unit		AC052RN4DKG/EU	AC071RN4DKG/EU	AC100RN4DKG/EU	AC120RN4DKG/EU	AC140RN4DKG/EU	
Outdoor Unit- Mono-Phase		AC052RXADKG/EU	AC071RXADKG/EU	AC100RXADKG/EU	AC120RXADKG/EU	AC140RXADKG/EU	
Outdoor Unit- Tri-Phase		-	-	AC100RXADNG/EU	AC120RXADNG/EU	AC140RXADNG/EU	
Capacity							
Capacity	Cooling (Min/Nominal/Max)	kW	1.00 / 5.00 / 6.50	1.50 / 7.10 / 8.70	3.0 / 10.0 / 12.0	3.5 / 12.0 / 13.5	3.5 / 13.4 / 15.
	Heating up to +7°C (Min/Nominal/Max)	kW	1.00 / 6.00 / 7.00	1.90 / 8.00 / 9.00	2.2 / 11.2 / 15.5	3.5 / 13.2 / 15.5	3.5 / 15.5 / 18.0
	Heating @ -5°C	kW	5.9	7.8	11.00	12.9	15.2
	Heating @ -15°C	kW	5.2	7.00	9.7	11.5	13.5
Performance							
Energy Efficiency Cooling	SEER	W/W	7.6 / A++	6.7 / A++	7.0 / A++	6 / A+	6.6
	Consumption	kWh/a	230	371	500	TBD	-
	Pdesignc	kW	5.0	7.1	10.0	TBD	-
	EER	W/W	3.5	2.98	2.92	2.6	3.16
Energy Efficiency Heating	SCOP	W/W	4.3 / A+	4.2 / A+	4.3 / A++	4.0 / A+	4.3
	Consumption	kWh/a	847	1500	1726	TBD	-
	Pdesignh (average)	kW	2.6	4.5	5.3	TBD	-
	COP	W/W	4.03	3.27	3.61	3.18	3.16
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	40.0	51.0	72.0	72.0	110.0
Sound Power	Indoor Unit	dB(A)	49	53	61	61	61
	Outdoor Unit	dB(A)	62	65	69	70	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	29 / 31 / 33	29 / 33 / 36	33 / 39 / 44	35 / 40 / 45	37 / 41 / 45
	Outdoor Unit	dB(A)	48/48	49/51	52 / 54	54 / 56	53 / 54
Fan/ Outdoor unit	Type		BLDC	BLDC	BLDC	BLDC	BLDC
	Power	W	65	65	97	97	97
	Number	EA	1	1	1	1	1
External Static Pressure	Min / Std / Max	Pa					
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data							
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	-	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.33 / 1.43 / 2.30	0.35 / 2.38 / 3.60	0.60 / 3.42 / 4.70	0.90 / 4.60 / 5.30	0.80 / 4.62 / 6.45
	Heating	kW	0.25 / 1.49 / 2.50	0.35 / 2.45 / 3.95	0.46 / 3.10 / 5.40	0.75 / 4.15 / 5.60	0.70 / 4.90 / 7.36
Current Input	Cooling (Min/Std/Max)	A	1.5 / 6.5 / 9.5	2.0 / 10.3 / 16.0	3.0 / 15.2 / 20.4	4.3 / 20.1 / 24.0	3.7 / 20.0 / 28.0
	Heating (Min/Std/Max)	A	1.5 / 6.8 / 12.0	2.0 / 10.7 / 17.0	2.5 / 13.6 / 23.0	3.7 / 18.2 / 26.0	3.5 / 21.3 / 32.0
	Cooling- Tri-Phase (Min/Std/Max)	A	-	-	1.5 / 5.5 / 7.1	2.1 / 6.8 / 10.0	2.1 / 7.1 / 10.5
	Heating- Tri-Phase (Min/Std/Max)	A	-	-	1.2 / 5.1 / 8.4	2.1 / 6.3 / 12.0	1.9 / 7.3 / 12.0
Dimensions							
Net Dimensions (W x H x D)	Indoor Unit	mm	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840
	Outdoor Unit	mm	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330
Net Weight	Indoor Unit	kg	14.5	14.5	14.5	18.0	18.0
	Outdoor Unit	kg	43.0	51.0	75.0	81.0	91.5
Refrigerant							
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)				
Refrigerant	Factory charging	kg	1.2 / 10m	1.7 / 15m	2.7 / 30m	2.7 / 30m	2.9 / 30m
	Charging Ton equivalent CO2	tCO2e	0.81 tCO2e	1.15 tCO2e	1.82 tCO2e	1.82 tCO2e	1.96 tCO2e
	Additional refrigerant charging	g / m	15	25	50	50	50
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	1 / 2	5 / 8	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	3 / 30	3 / 50	50	50	75
Piping Height	Max	m	20	30	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others							
Panel	Model code		PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN
	Net Dimensions (W x H x D)	mm	950 x 48 x 950	950 x 48 x 950	950 x 48 x 950	950 x 48 x 950	950 x 48 x 950
	Net Weight	kg	6.3	6.3	6.3	6.3	6.3
Accessories	Drain pump		included	included	included	included	included
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24	750/24

- 2-StepCooling – FastCooling & Wind-Free™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 34° and 68°; Blade width 84mm.
- Built-in humidity sensor.

- High ceiling mode for heights up to 4.6m (12–14 kW), 3.9m (9–10 kW), 3.5m(5.2–7.1kW).
- Built-in condensation drain pump (750 mmH2O).
- SPI Ionizer device (optional).



Individual Controllers (Optional) Panel (Mandatory)

AR-EH03E MWR-SH00N MWR-SH11N MWR-WE13N PC4NUFMAN

Specifications




Wind-Free™ 4-Way Cassette (R410A)

		Indoor Unit	AC052NN4DKH/EU	AC071NN4DKH/EU	AC090NN4DKH/EU	AC100NN4DKH/EU
		Outdoor Unit- Mono-Phase	AC052MXADKH/EU	AC071MXADKH/EU	AC090MXADKH/EU	AC100MXADKH/EU
		Outdoor Unit- Tri-Phase	-	-	-	AC100MXADNH/EU
Capacity						
Capacity	Cooling (Min/Nominal/Max)	kW	1.00 / 5.00 / 6.00	2.20 / 7.10 / 8.00	3.00 / 9.00 / 11.30	3.00 / 10.00 / 12.00
	Heating up to +7°C (Min/Nominal/Max)	kW	1.00 / 6.00 / 7.00	1.90 / 8.00 / 9.00	2.20 / 10.00 / 13.90	2.20 / 11.20 / 15.50
	Heating @ -5°C	kW	5.88	7.84	9.8	10.98
	Heating @ -15°C	kW	5.22	6.96	8.7	9.74
Performance						
Energy Efficiency Cooling	SEER	W/W	6.9 / A++	6.2 / A++	6.8 / A++	6.8 / A++
	Consumption	kWh/a	254	401	463	515
	Pdesignc	kW	5.0	7.1	9.0	10.0
	EER	W/W	3.47	2.81	3.27	3.21
Energy Efficiency Heating	SCOP	W/W	4.3 / A+	4.1 / A+	4.3 / A+	4.3 / A+
	Consumption	kWh/a	847	1537	2051	2051
	Pdesignh (average)	kW	2.6	4.5	6.3	6.3
	COP	W/W	4.03	3.33	3.7	3.61
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	15.00	19.5	30.0	31.0
Sound Power	Indoor Unit	dB(A)	49	53	60	61
	Outdoor Unit	dB(A)	62	65	68	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	29 / 31 / 33	29 / 33 / 36	33 / 38 / 43	33 / 39 / 44
	Outdoor Unit	dB(A)	48 / 48	49 / 51	52 / 53	52 / 54
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo	Turbo
	Power	W	65	65	97	97
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa				
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	-	-	380-415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.33 / 1.44 / 2.10	0.35 / 2.53 / 3.95	0.60 / 2.75 / 4.46	0.60 / 3.12 / 4.70
	Heating	kW	0.25 / 1.49 / 1.90	0.35 / 2.40 / 3.95	0.46 / 2.70 / 5.20	0.46 / 3.10 / 5.40
Current Input	Cooling (Min/Std/Max)	A	1.5 / 6.5 / 9.5	2.0 / 11.2 / 17.0	3.0 / 12.0 / 19.4	3.0 / 13.6 / 20.4
	Heating (Min/Std/Max)	A	1.5 / 6.8 / 8.6	2.0 / 10.7 / 17.0	2.5 / 11.6 / 22.7	2.5 / 13.6 / 23.0
	Cooling- Tri-Phase (Min/Std/Max)	A	-	-	-	1.50 / 4.80 / 7.10
	Heating- Tri-Phase (Min/Std/Max)	A	-	-	-	1.20 / 4.80 / 8.40
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840
	Outdoor Unit	mm	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330
Net Weight	Indoor Unit	kg	15,0	15,0	18,0	18,0
	Outdoor Unit	kg	43.8	53,0	72,0	72,0
Refrigerant						
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)			
Refrigerant	Factory charging	kg	1.30 / 5m	1.50 / 5m	3 / 30m	3 / 30m
	Charging Ton equivalent CO2	tCO2e	2.72 tCO2e	3.14 tCO2e	6.26 tCO2e	6.26 tCO2e
	Additional refrigerant charging	g / m	10	20	50	50
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	3 / 8	3 / 8
	Gas Pipe	Φ.inch	1 / 2	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	30	50	50	50
Piping Height	Max	m	20	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
Others						
Panel	Model code		PC4NUFMAN	PC4NUFMAN	PC4NUFMAN	PC4NUFMAN
	Net Dimensions (W x H x D)	mm	950 x 48 x 950	950 x 48 x 950	950 x 48 x 950	950 x 48 x 950
	Net Weight	kg	6.3	6.3	6.3	6.3
Accessories	Drain pump		includ	includ	includ	includ
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- 2-StepCooling – FastCooling & Wind-Free™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 34° and 68°; Blade width 84mm.
- Built-in humidity sensor.

- High ceiling mode for heights up to 4.6m (12-14 kW), 3.9m (9-10 kW), 3.5m (5.2-7.1kW).
- Built-in condensation drain pump (750 mmH2O).
- SPI Ionizer device (optional).

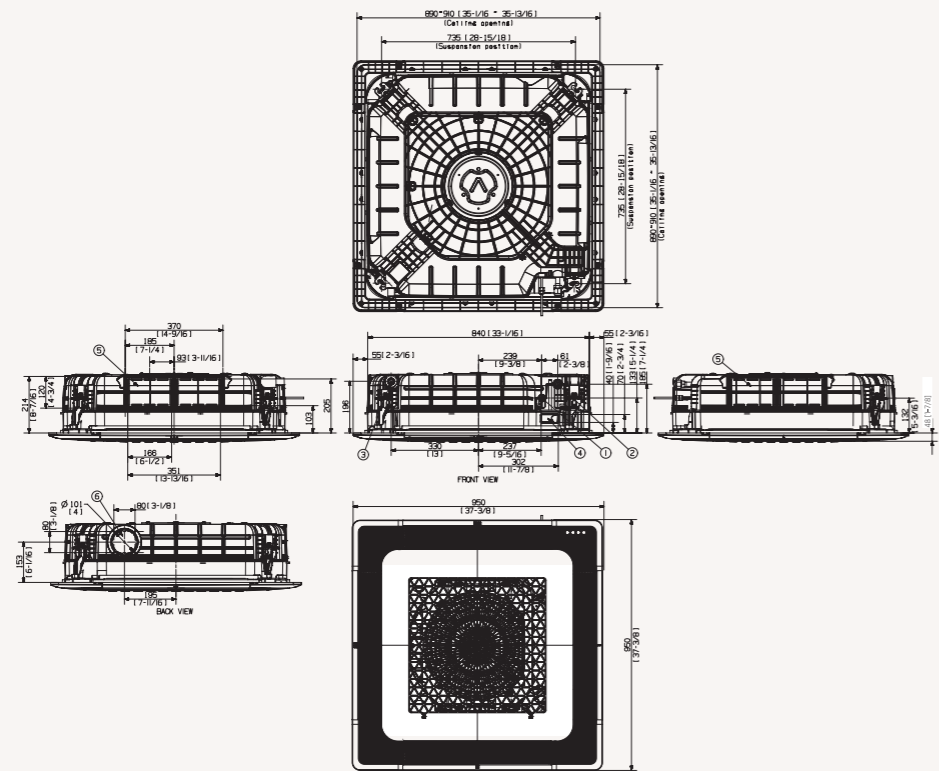
		AC120NN4DKH/EU	AC140NN4DKH/EU
		AC120MXADKH/EU	AC140MXADKH/EU
		AC120MXADNH/EU	AC140MXADNH/EU
Capacity		3.50 / 12.00 / 13.50	3.50 / 13.40 / 15.50
Heating up to +7°C (Min/Nominal/Max)		3.50 / 13.00 / 15.50	3.50 / 15.50 / 18.00
Heating @ -5°C		12.74	15.19
Heating @ -15°C		11.31	13.49
Performance			
Energy Efficiency Cooling	SEER	5.7 / A+	5.8 / A+
	Consumption	737	-
	Pdesignc	12,0	-
	EER	2.55	3.01
Energy Efficiency Heating	SCOP	4.1 / A+	4.0 / A+
	Consumption	2527	-
	Pdesignh (average)	7.4	-
	COP	3.42	3.41
AirFlow Rate	Indoor Unit (High/Mid/Low)	32.0	32.0
Sound Power	Indoor Unit	61	61
	Outdoor Unit	70	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	35 / 40 / 45	37 / 41 / 45
	Outdoor Unit	54 / 56	53 / 54
Fan/ Outdoor unit	Type	Turbo	Turbo
	Power	97	97
	Number	1	1
External Static Pressure	Min / Std / Max	-15 ~ 50	-15 ~ 50
Operating Temp. Range	Cooling	-20 ~ 24	-20 ~ 24
	Heating	-20 ~ 24	-20 ~ 24
Electrical Data			
Power Source	Indoor Unit	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	0.90 / 4.70 / 5.30	0.80 / 4.45 / 6.44
	Heating	0.75 / 3.80 / 5.50	0.70 / 4.54 / 7.36
Current Input	Cooling (Min/Std/Max)	4.3 / 21.1 / 23.0	3.7 / 20.0 / 28.0
	Heating (Min/Std/Max)	3.7 / 17.1 / 24.0	3.5 / 19.5 / 32.0
	Cooling- Tri-Phase (Min/Std/Max)	2.10 / 7.30 / 12.00	2.10 / 7.00 / 12.00
	Heating- Tri-Phase (Min/Std/Max)	2.10 / 5.90 / 12.00	1.90 / 7.00 / 12.00
Dimensions			
Net Dimensions (W x H x D)	Indoor Unit	840 x 288 x 840	840 x 288 x 840
	Outdoor Unit	940 x 998 x 330	940 x 1210 x 330
Net Weight	Indoor Unit	18,0	20,0
	Outdoor Unit	77,0	87,0
Refrigerant			
Refrigerant	Type	R410A(Contains fluorinated greenhouse gases. GWP=2.088)	
Refrigerant	Factory charging	3 / 30m	3.4 / 30m
	Charging Ton equivalent CO2	6.26 tCO2e	7.1 tCO2e
	Additional refrigerant charging	50	50
Piping Connections	Liquid Pipe	3 / 8	3 / 8
	Gas Pipe	5 / 8	5 / 8
Piping Length	Min/ Max	50	75
Piping Height	Max	30	30
Piping Connections	Drain pipe	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
Others			
Panel	Model code	PC4NUFMAN	PC4NUFMAN
	Net Dimensions (W x H x D)	950 x 48 x 950	950 x 48 x 950
	Net Weight	6.3	6.3
Accessories	Drain pump	includ	includ
	Max lifting height/ displacement	750/24	750/24

Accessories				
Individual Controllers (Optional)				Panel (Mandatory)
				
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	PC4NUFMAN

Dimensional Drawings

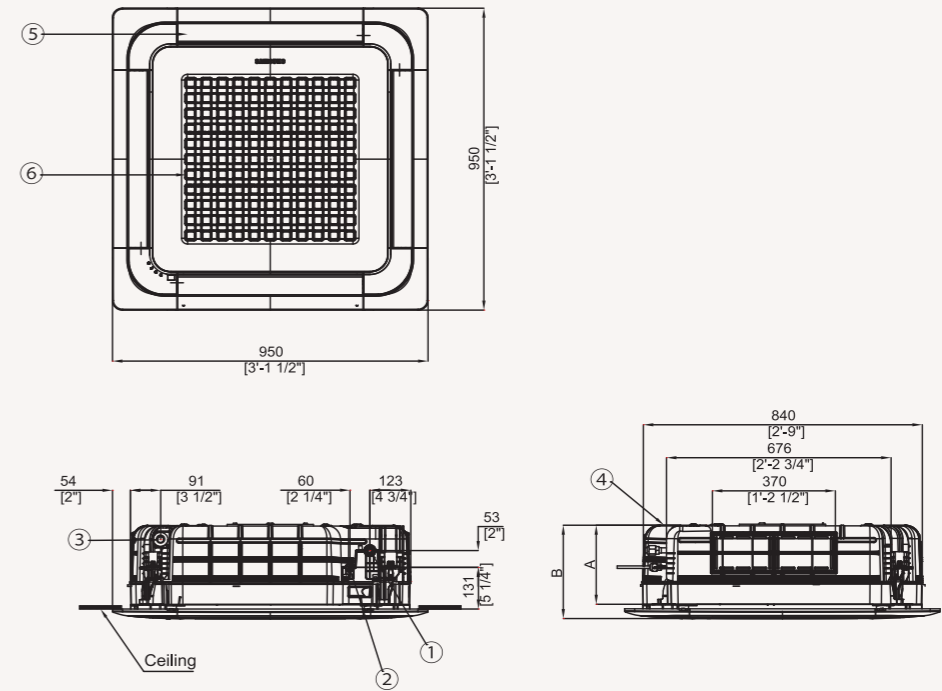
Wind-Free™ 4-Way Cassette

AC052/071*N4DK*/EU

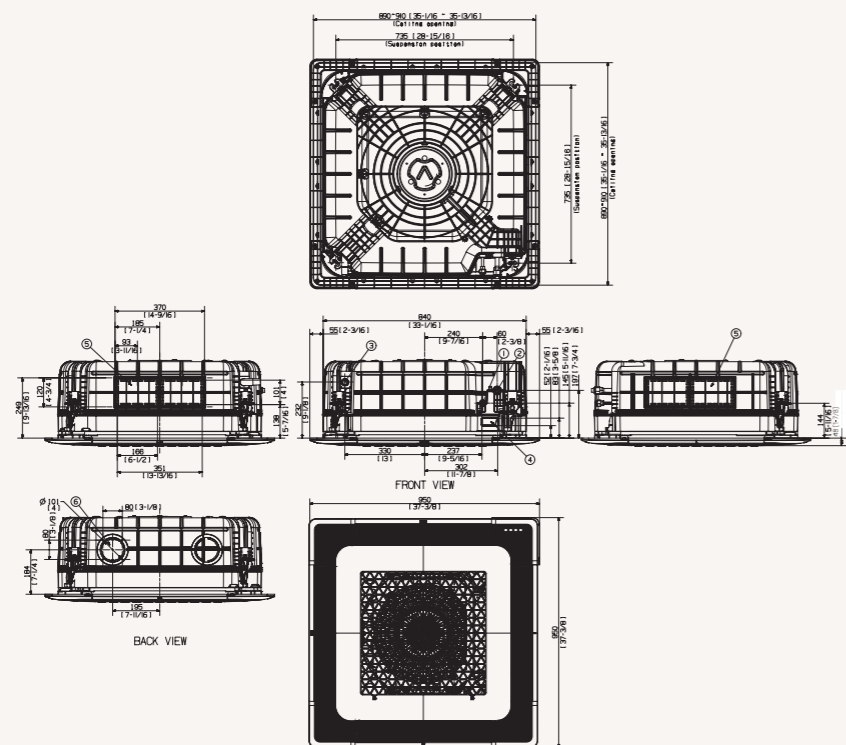


Wind-Free™ 4-Way Cassette

AC071JN4CEH/EU, AC100JN4CEH/EU, AC125JN4CEH/EU



AC090/100/120/140*N4DK*/EU



Specifications



Wind-Free™ Mini 4-Way Cassette R32 NEW

Indoor Unit		AC026RNNDKG/EU	AC035RNNDKG/EU	AC052RNNDKG/EU	AC071RNNDKG/EU	
Outdoor Unit- Mono-Phase		AC026RXADKG/EU	AC035RXADKG/EU	AC052RXADKG/EU	AC071RXADKG/EU	
Outdoor Unit- Tri-Phase						
Capacity						
Capacity	Cooling (Min/Nominal/Max)	kW	0.87 / 2.60 / 4.10	0.88 / 3.50 / 4.50	1.30 / 5.00 / 6.20	1.50 / 6.80 / 8.30
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.40 / 4.10	1.00 / 4.00 / 4.80	1.30 / 5.50 / 7.50	1.90 / 7.50 / 9.00
	Heating @ -5°C	kW	3.3	3.9	5.4	7.4
	Heating @ -15°C	kW	3.00	3.5	4.8	6.5
Performance						
Energy Efficiency Cooling	SEER	W/W	7.1 / A++	7.0 / A++	6.7 / A++	6.1 / A++
	Consumption	kWh/a	128	175	261	390
	Pdesignc	kW	2.6	3.5	5.0	6.8
	EER	W/W	3.88	3.4	3.27	2.47
Energy Efficiency Heating	SCOP	W/W	4.3 / A+	4.3 / A+	4.2 / A+	3.8 / A
	Consumption	kWh/a	684	684	800	1474
	Pdesignh (average)	kW	2.1	2.1	2.4	4.0
	COP	W/W	3.69	3.33	3.62	2.68
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	30.0	30.0	40.0	51.0
Sound Power	Indoor Unit	dB(A)	48	50	56	58
	Outdoor Unit	dB(A)	59	61	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	25 / 28 / 31	25 / 30 / 34	29 / 34 / 39	36 / 39 / 42
	Outdoor Unit	dB(A)	46/47	48/48	48/48	49/51
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo	Turbo
	Power	W	65	65	65	65
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa				
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 46	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #				
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.16 / 0.67 / 1.20	0.18 / 1.03 / 1.40	0.31 / 1.53 / 2.10	0.35 / 2.75 / 3.60
	Heating	kW	0.20 / 0.92 / 1.45	0.19 / 1.20 / 1.80	0.35 / 1.52 / 2.40	0.35 / 2.80 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.3 / 3.5 / 5.5	1.4 / 5.0 / 6.0	2.6 / 7.0 / 9.5	2.0 / 12.0 / 16.0
	Heating (Min/Std/Max)	A	1.3 / 4.6 / 7.0	1.3 / 5.7 / 10.5	2.9 / 7.0 / 11.0	2.0 / 12.0 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A				
	Heating- Tri-Phase (Min/Std/Max)	A				
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	11.5	11.5	12.0	12.0
	Outdoor Unit	kg	32.5	32.5	43.0	51.0
Refrigerant						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)			
Refrigerant	Factory charging	kg	0.9 / 20m	0.9 / 20m	1.2 / 10m	1.7 / 15m
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e	0.81 tCO2e	1.15 tCO2e
	Additional refrigerant charging	g / m	-	-	15	25
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2	5 / 8
Piping Length	Min/ Max	m	3 / 20	3 / 20	3 / 30	3 / 50
Piping Height	Max	m	15	15	20	30
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18	ID 18	ID 18
Others						
Panel	Model code		PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
	Net Dimensions (W x H x D)	mm	620 x 46 x 620	620 x 46 x 620	620 x 46 x 620	620 x 46 x 620
	Net Weight	kg	2.7	2.7	2.7	2.7
Accessories	Drain pump		included	included	included	included
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- 2-StepCooling – FastCooling & Wind-Free™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 32° and 75°; Blade width 66mm.

- Built-in humidity sensor.
- Built-in condensation drain pump (750 mmH2O).

Accessories				
Individual Controllers (Optional)			Panel (Mandatory)	
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	PC4SUFMAN

Specifications

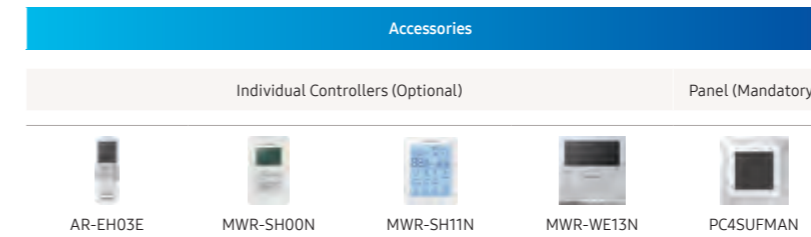


Wind-Free™ Mini 4-Way Cassette (R410A)

Indoor Unit		AC026NNNDKH/EU	AC035NNNDKH/EU	AC052NNNDKH/EU	AC060NNNDKH/EU	AC071NNNDKH/EU	
Outdoor Unit- Mono-Phase		AC026MXADKH/EU	AC035MXADKH/EU	AC052MXADKH/EU	AC060MXADKH/EU	AC071MXADKH/EU	
Outdoor Unit- Tri-Phase							
Capacity							
Capacity	Cooling (Min/Nominal/Max)	kW	1.00 / 2.60 / 3.40	1.00 / 3.50 / 4.00	1.30 / 5.00 / 5.90	1.80 / 5.80 / 6.50	2.20 / 6.80 / 8.00
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.40 / 4.10	1.00 / 4.00 / 4.80	1.30 / 5.50 / 7.50	1.60 / 7.00 / 9.00	1.90 / 7.50 / 9.00
	Heating @ -5°C	kW	3.33	3.92	5.39	6.86	7.35
	Heating @ -15°C	kW	2.96	3.48	4.79	6.09	6.53
Performance							
Energy Efficiency Cooling	SEER	W/W	6.9 / A++	6.8 / A++	6.5 / A++	6.2 / A++	6.0 / A+
	Consumption	kWh/a	132	180	269	327	397
	Pdesignc	kW	2.6	3.5	5.0	5.8	6.8
	EER	W/W	3.82	3.21	3.27	2.7	2.5
Energy Efficiency Heating	SCOP	W/W	4.3 / A+	4.3 / A+	4.1 / A+	4.0 / A+	3.8 / A
	Consumption	kWh/a	684	684	888	910	1474
	Pdesignh (average)	kW	2.1	2.1	2.6	2.6	4.0
	COP	W/W	3.78	3.33	3.62	3.02	2.68
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	8.0	9.2	10.5	11.0	11.5
Sound Power	Indoor Unit	dB(A)	48	50	56	56	58
	Outdoor Unit	dB(A)	59	61	62	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	25 / 28 / 31	25 / 30 / 34	29 / 34 / 39	32 / 37 / 41	36 / 39 / 42
	Outdoor Unit	dB(A)	46 / 47	48 / 48	48 / 48	49 / 49	49 / 51
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo	Turbo	Turbo
	Power	W	65	65	65	65	65
	Number	EA	1	1	1	1	1
External Static Pressure	Min / Std / Max	Pa					
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data							
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2	220~240/ 50/1/ 2	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2	220~240/ 50/1/ 2	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #					
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.24 / 0.68 / 1.20	0.24 / 1.09 / 1.50	0.31 / 1.53 / 2.10	0.38 / 2.15 / 2.60	0.35 / 2.72 / 3.95
	Heating	kW	0.20 / 0.90 / 1.45	0.19 / 1.20 / 1.80	0.35 / 1.52 / 2.40	0.35 / 2.32 / 3.60	0.35 / 2.80 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.6 / 3.8 / 5.5	1.6 / 5.6 / 7.5	2.6 / 6.9 / 9.5	1.9 / 9.3 / 11.5	2.0 / 11.8 / 17.0
	Heating (Min/Std/Max)	A	1.3 / 4.8 / 7.0	1.3 / 5.8 / 10.5	2.9 / 6.9 / 11.0	1.7 / 10.0 / 17.3	2.0 / 12.3 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A					
	Heating- Tri-Phase (Min/Std/Max)	A					
Dimensions							
Net Dimensions (W x H x D)	Indoor Unit	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
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	11.4	11.4	11.6	11.6	11.8
	Outdoor Unit	kg	32.8	32.8	43.8	43.8	53.0
Refrigerant							
Refrigerant	Type		R410A (gaz à effet de serre fluorés. PRG=2.088)				
Refrigerant	Factory charging	kg	1.05 / 20m	1.05 / 20m	1.30 / 5m	1.30 / 5m	1.50 / 5m
	Charging Ton equivalent CO2	tCO2e	2.20 tCO2e	2.20 tCO2e	2.72 tCO2e	2.72 tCO2e	3.14 tCO2e
	Additional refrigerant charging	g / m	-	-	10	10	20
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2	1 / 2	5 / 8
Piping Length	Min/ Max	m	20	20	30	30	50
Piping Height	Max	m	15	15	20	20	30
Piping Connections	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)
Others							
Panel	Model code		PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
	Net Dimensions (W x H x D)	mm	620 x 46 x 620	620 x 46 x 620	620 x 46 x 620	620 x 46 x 620	620 x 46 x 620
	Net Weight	kg	2.7	2.7	2.7	2.7	2.7
Accessoires	Drain pump		inclus	inclus	inclus	inclus	inclus
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24	750/24

- 2-StepCooling – FastCooling & Wind-Free™ Cooling.
- Four-way air supply via independently adjustable blades.
- Blade angle between 32° and 75°; Blade width 66mm.

- Built-in humidity sensor.
- Built-in condensation drain pump (750 mmH2O).



Individual Controllers (Optional)

Panel (Mandatory)



AR-EH03E



MWR-SH00N



MWR-SH11N



MWR-WE13N

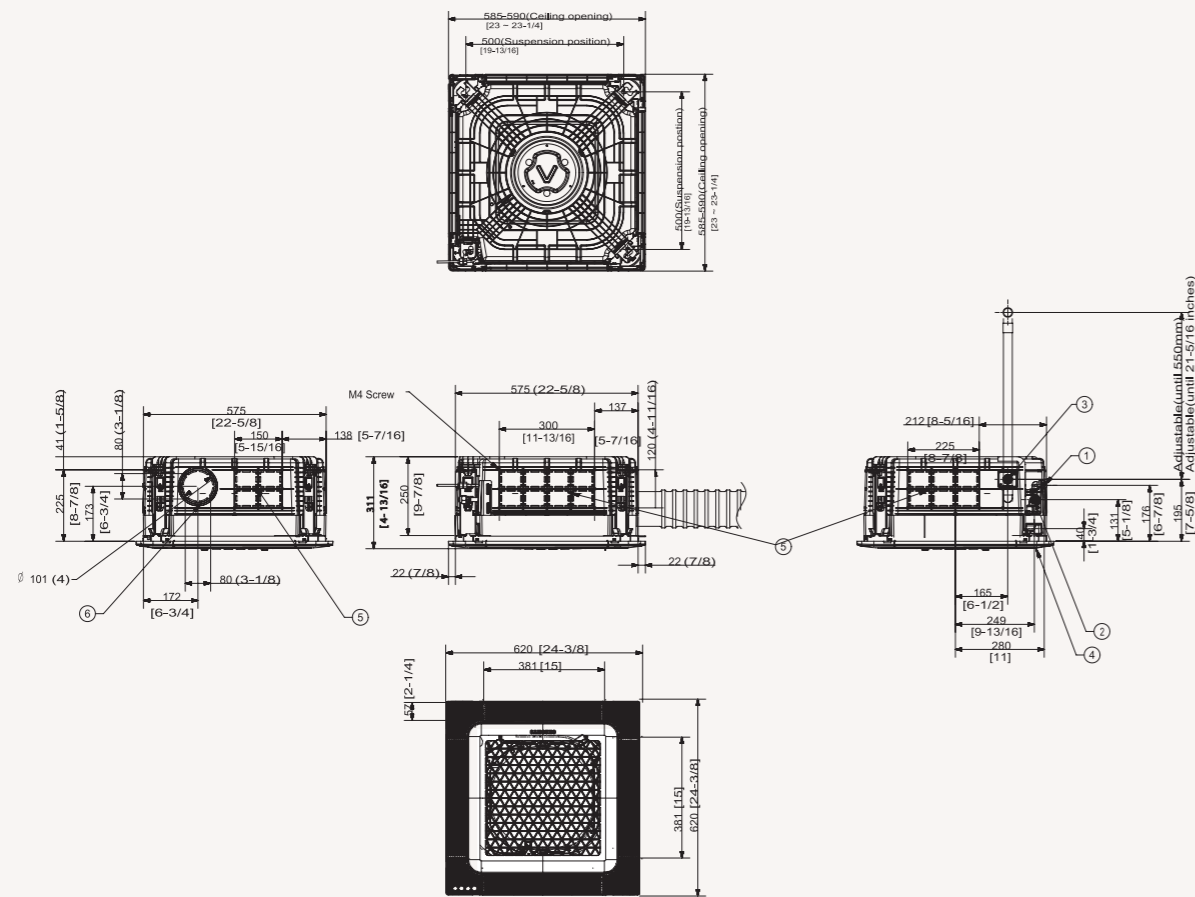


PC4SUFMAN

Dimensional Drawings

Wind-Free™ Mini 4-Way Cassette

AC026/035/052/060/071*NNDK*/EU



Specifications



Wind-Free™ 1-Way Cassette R32 NEW

Indoor Unit			AC026RN1DKG/EU	AC035RN1DKG/EU
Outdoor Unit- Mono-Phase			AC026RXADKG/EU	AC035RXADKG/EU
Outdoor Unit- Tri-Phase				
Capacity				
	Cooling (Min/Nominal/Max)	kW	0.82 / 2.60 / 3.80	0.85 / 3.50 / 4.20
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.30 / 4.40	1.00 / 4.00 / 5.00
	Heating @ -5°C	kW	3.2	3.9
	Heating @ -15°C	kW	2.9	2.8
Performance				
Energy Efficiency Cooling	SEER	W/W	6.4 / A++	6.2 / A++
	Consumption	kWh/a	142	198
	Pdesignc	kW	2.6	3.5
	EER	W/W	3.61	3.21
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+
	Consumption	kWh/a	700	700
	Pdesignh (average)	kW	2,0	2,0
	COP	W/W	3.26	3.12
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	7.3 / 6.5 / 5.8	9.0 / 8.2 / 7.2
Sound Power	Indoor Unit	dB(A)	52	55
	Outdoor Unit	dB(A)	59	61
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	25 / 26 / 29 / 32	28 / 29 / 32 / 35
	Outdoor Unit	dB(A)	46 / 47	48 / 48
Fan/ Outdoor unit	Type		Crossflow Fan	Crossflow Fan
	Power	W	27	27
	Number	EA	1	1
External Static Pressure	Min / Std / Max	Pa		
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 46
	Heating	°C	-20 ~ 24	-20 ~ 24
Electrical Data				
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #		
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.17 / 0.72 / 1.16	0.18 / 1.09 / 1.40
	Heating	kW	0.20 / 1.01 / 1.45	0.19 / 1.28 / 1.80
Current Input	Cooling (Min/Std/Max)	A	1.2 / 3.8 / 5.4	1.6 / 5.3 / 7.5
	Heating (Min/Std/Max)	A	1.4 / 5.0 / 7.0	1.3 / 6.2 / 10.5
	Cooling- Tri-Phase (Min/Std/Max)	A		
	Heating- Tri-Phase (Min/Std/Max)	A		
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	970 x 135 x 410	970 x 135 x 410
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285
Net Weight	Indoor Unit	kg	9.2	9.2
	Outdoor Unit	kg	32.5	32.5
Refrigerant				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Factory charging	kg	0.9 / 20m	0.9 / 20
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e
	Additional refrigerant charging	g / m	-	-
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8
Piping Length	Min/ Max	m	3 / 20	3 / 20
Piping Height	Max	m	15	15
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18
Others				
Panel	Model code		PC1NWFMAN	PC1NWFMAN
	Net Dimensions (W x H x D)	mm	1198 x 35 x 500	1198 x 35 x 500
	Net Weight	kg	4.3	4.3
Accessoires	Drain pump		included	included
	Max lifting height/ displacement	mm / l/h	750/24	750/24

- 2-StepCooling – FastCooling & Wind-Free™ Cooling.
- Blade angle between 37° and 87°, Blade width 100mm.
- Built-in humidity sensor.

- Height of only 135 mm.
- Built-in condensation drain pump (750 mmH2O).

Accessories					
Individual Controllers (Optional)			Others (Optional)		
					
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	PC1NWFMAN	MRW-TA

Specifications



1-Way Cassette (R410A)

Indoor Unit			AC026MN1DKH/EU	AC035MN1DKH/EU
Outdoor Unit- Mono-Phase			AC026MXADKH/EU	AC035MXADKH/EU
Outdoor Unit- Tri-Phase				
Capacity				
	Cooling (Min/Nominal/Max)	kW	0.96 / 2.60 / 3.50	1.00 / 3.50 / 4.10
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.30 / 4.40	1.00 / 4.00 / 5.00
	Heating @ -5°C	kW	3.2	3.9
	Heating @ -15°C	kW	2.9	3.5
Performance				
Energy Efficiency Cooling	SEER	W/W	6.2 / A++	6.1 / A++
	Consumption	kWh/a	147	201
	Pdesignc	kW	2.6	3.5
	EER	W/W	3.61	3.21
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+
	Consumption	kWh/a	700	700
	Pdesignh (average)	kW	2.0	2.0
	COP	W/W	3.44	2.88
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	29.0	30.0
Sound Power	Indoor Unit	dB(A)	52	55
	Outdoor Unit	dB(A)	59	61
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	23/24/27/30	26/27/30/33
	Outdoor Unit	dB(A)	46 / 47	48 / 48
Fan/ Outdoor unit	Type		Crossflow	Crossflow
	Power	W	17	17
	Number	EA	1	1
External Static Pressure	Min / Std / Max	Pa		
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24
Electrical Data				
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #		
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.25 / 0.72 / 1.20	0.24 / 1.09 / 1.50
	Heating	kW	0.20 / 0.96 / 1.45	0.19 / 1.39 / 1.80
Current Input	Cooling (Min/Std/Max)	A	1.6 / 4.1 / 5.4	1.6 / 5.6 / 7.5
	Heating (Min/Std/Max)	A	1.4 / 4.9 / 7.0	1.3 / 6.2 / 10.5
	Cooling- Tri-Phase (Min/Std/Max)	A		
	Heating- Tri-Phase (Min/Std/Max)	A		
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	970 x 135 x 410	970 x 135 x 410
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285
Net Weight	Indoor Unit	kg	9.5	9.5
	Outdoor Unit	kg	32.8	32.8
Refrigerant				
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)	
	Factory charging	kg	1.05 / 20m	1.05 / 20m
	Charging Ton equivalent CO2	tCO2e	2.19 tCO2e	2.19 tCO2e
	Additional refrigerant charging	g / m	-	-
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8
Piping Length	Min/ Max	m	20	20
Piping Height	Max	m	15	15
Piping Connections	Drain pipe	Φ.mm	OD 26 / ID 20	OD 26 / ID 20
Others				
Panel	Model code		PC1NUSMAN	PC1NUSMAN
	Net Dimensions (W x H x D)	mm	1180 x 25 x 460	1180 x 25 x 460
	Net Weight	kg	3.1	3.1
Accessoires	Drain pump		inclus	inclus
	Max lifting height/ displacement	mm / l/h	750/24	750/24

- One-way air supply by means of a 100mm width blade
- Adjustable blade angle between 40° and 80 °.
- Height of only 135 mm.

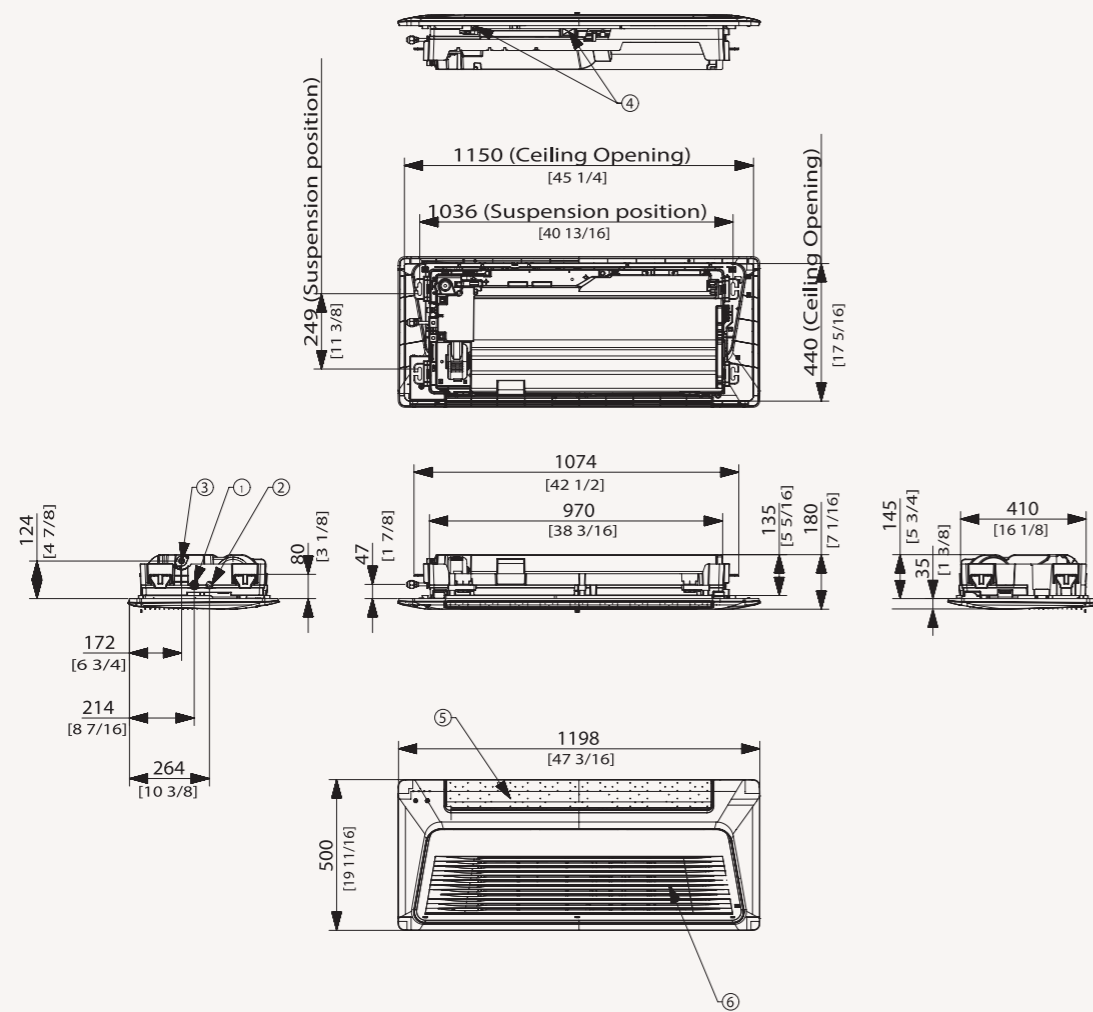
- Built-in condensation drain pump (750 mmH2O).
- Compatible with Wi-Fi Kit controller.

Accessories					
Individual Controllers (Optional)			Others (Optional)		
					
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	PC1NUSMAN	MRW-TA

Dimensional Drawings

Wind-Free™ 1-Way Cassette

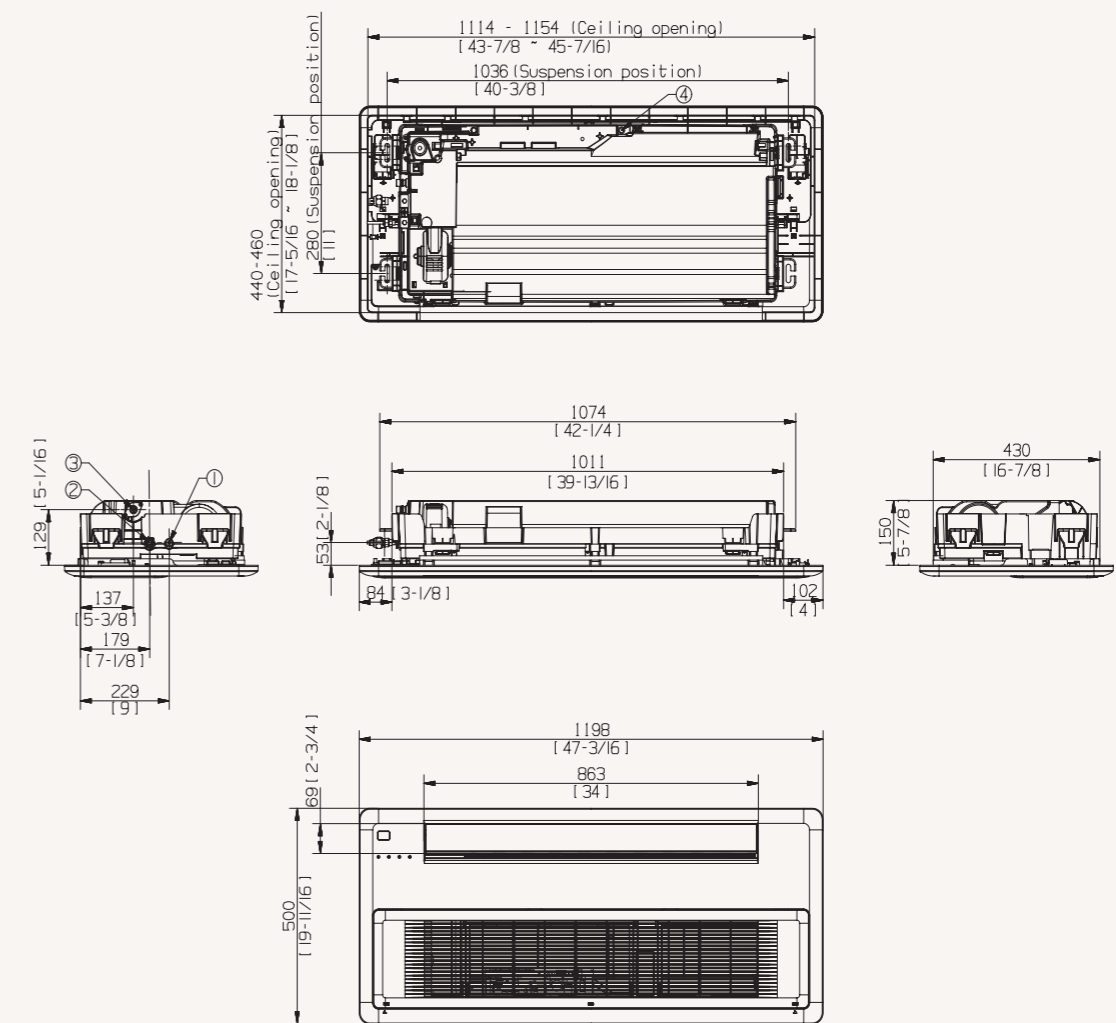
AC0026/035RN1DKG/EU



No.	Name	Description
1	Gas pipe connection	Ø9.52 (3/8")
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	-

1-Way Cassette

AC026/035MN1DKH/EU



No.	Name	Description
1	Liquid pipe connection	Ø6.35(1/4)
2	Gas pipe connection	Ø9.52(3/8)
3	Drain pipe connection	VP-20(OD26, ID20)
4	Power supply & Communication wiring conduit	-


Specifications



LSP Duct **R32** **NEW**

		Indoor Unit	AC026RNLDKG/EU AC026RXADKG/EU	AC035RNLDKG/EU AC035RXADKG/EU	AC052RNLDKG/EU AC052RXADKG/EU	AC071RNLDKG/EU AC071RXADKG/EU
		Outdoor Unit- Mono-Phase				
		Outdoor Unit- Tri-Phase				
Capacity						
	Cooling (Min/Nominal/Max)	kW	0.80 / 2.60 / 3.80	0.85 / 3.50 / 4.30	1.20 / 5.00 / 6.50	1.50 / 7.10 / 8.70
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.30 / 4.30	1.00 / 4.00 / 5.00	1.10 / 6.00 / 7.20	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	3.2	3.9	5.9	7.8
	Heating @ -15°C	kW	2.9	3.5	5.2	7.0
Performance						
Energy Efficiency Cooling	SEER	W/W	6.2 / A++	6.1 / A++	6.1 / A++	6.0 / A+
	Consumption	kWh/a	147	201	287	414
	Pdesignc	kW	2.6	3.5	5.0	7.1
	EER	W/W	3.82	3.12	2.96	2.98
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.9 / A	3.9 / A
	Consumption	kWh/a	700	700	862	1328
	Pdesignh (average)	kW	2.0	2.0	2.4	3.7
	COP	W/W	3.79	3.31	3.45	3.36
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	9.0 / 8.2 / 7.4	9.5 / 8.5 / 7.5	13.5 / 11.5 / 9.5	19.0 / 14.5 / 10.0
Sound Power	Indoor Unit	dB(A)	53	53	55	59
	Outdoor Unit	dB(A)	59	61	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	26 / 29 / 32	27 / 30 / 33	27 / 30 / 33	27 / 32 / 37
	Outdoor Unit	dB(A)	46/47	48/48	48/48	49/51
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco	Sirocco
	Power	W	153	153	153	153
	Number	EA	2	2	3	3
External Static Pressure	Min / Std / Max	Pa	0 / 25 / 39	0 / 25 / 39	0 / 29 / 39	0 / 29 / 39
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 46	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #				
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.19 / 0.68 / 1.20	0.20 / 1.12 / 1.40	0.35 / 1.69 / 2.20	0.35 / 2.38 / 3.60
	Heating	kW	0.20 / 0.87 / 1.45	0.19 / 1.21 / 1.80	0.26 / 1.74 / 2.70	0.35 / 2.38 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.5 / 3.6 / 5.5	1.6 / 5.4 / 6.5	2.1 / 7.7 / 10.0	2.0 / 10.5 / 16.0
	Heating (Min/Std/Max)	A	1.3 / 4.5 / 7.0	1.3 / 5.8 / 10.5	1.7 / 7.8 / 12.0	2.0 / 10.4 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A				
	Heating- Tri-Phase (Min/Std/Max)	A				
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	700 x 199 x 600	700 x 199 x 600	1100 x 200 x 450	1100 x 200 x 450
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	19,0	19,0	23,5	23,5
	Outdoor Unit	kg	32,5	32,5	43,0	51,0
Refrigerant						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)			
	Factory charging	kg	0.9 / 20m	0.9 / 20m	1.2 / 10m	1.7 / 15m
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e	0.81 tCO2e	1.15 tCO2e
	Additional refrigerant charging	g / m	-	-	15	25
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2	5 / 8
Piping Length	Min/ Max	m	3 / 20	3 / 20	3 / 30	3 / 50
Piping Height	Max	m	15	15	20	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others						
Panel	Model code					
	Net Dimensions (W x H x D)	mm				
	Net Weight	kg				
Accessories	Drain pump		MDP-E075SEE3D	MDP-E075SEE3D	MDP-G075SP	MDP-G075SP
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- Fan with inverter motor; prevalence adjustable up to 40Pa; thickness of just 200mm
- 750 mmH2O condensation drain pump (optional); antibacterial filter included

Accessories							
Drain Pump (Optional)		Individual Controllers (Optional)			Others (Optional)		
							
MDP-E075S-EE3D	MDP-G075SP	AR-EH03E (to be matched with MRK-A10N)	MWR-SH11N	MWR-WE13N	MIM-H03N	MRK-A10N (to be matched with AR-EH03E)	MRW-TA

Specifications



- Fan with inverter motor; prevalence adjustable up to 40Pa; thickness of just 200mm
- 750 mmH2O condensation drain pump (optional); antibacterial filter included

LSP Duct (R410A)

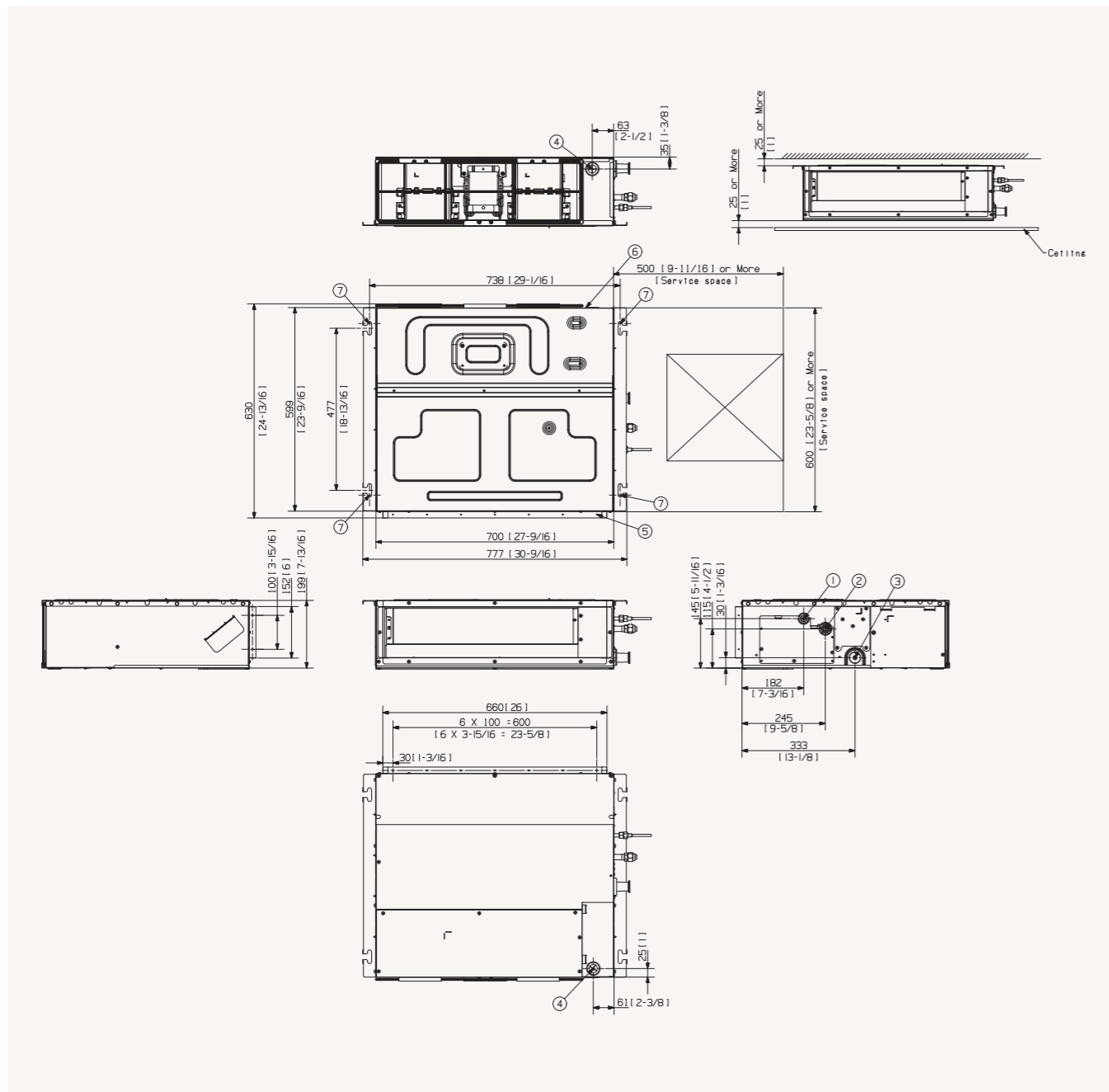
		Indoor Unit	AC026MNLDKH/EU AC026MXADKH/EU	AC035MNLDKH/EU AC035MXADKH/EU	AC052MNLDKH/EU AC052MXADKH/EU	AC071MNLDKH/EU AC071MXADKH/EU
		Outdoor Unit- Mono-Phase				
		Outdoor Unit- Tri-Phase				
Capacity						
	Cooling (Min/Nominal/Max)	kW	0.95 / 2.60 / 3.50	1.00 / 3.50 / 4.10	1.20 / 5.00 / 6.00	2.20 / 7.10 / 8.00
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.40 / 4.30	1.00 / 4.00 / 5.00	1.10 / 6.00 / 7.20	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	3.33	3.92	5.88	7.84
	Heating @ -15°C	kW	2.96	3.48	5.22	6.96
Performance						
Energy Efficiency Cooling	SEER	W/W	6.1 / A++	5.9 / A+	6.1 / A++	5.9 / A+
	Consumption	kWh/a	149	208	287	421
	Pdesignc	kW	2.6	3.5	5.0	7.1
	EER	W/W	3.42	2.92	2.87	3.05
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.9 / A	3.9 / A
	Consumption	kWh/a	700	700	862	1328
	Pdesignh (average)	kW	2.0	2.0	2.4	3.7
	COP	W/W	3.79	3.28	3.53	3.52
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	29.0	30.0	40.0	51.0
Sound Power	Indoor Unit	dB(A)	53	53	55	59
	Outdoor Unit	dB(A)	59	61	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	26 / 29 / 32	27 / 30 / 33	27 / 30 / 33	27 / 32 / 37
	Outdoor Unit	dB(A)	46 / 47	48 / 48	48 / 48	49 / 51
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco	Sirocco
	Power	W	68	68	153	153
	Number	EA	2	2	3	3
External Static Pressure	Min / Std / Max	Pa	0 / 25 / 39	0 / 25 / 39	0 / 29 / 39	0 / 29 / 39
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #				
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.24 / 0.76 / 1.20	0.24 / 1.20 / 1.50	0.35 / 1.74 / 2.20	0.35 / 2.33 / 3.95
	Heating	kW	0.20 / 0.87 / 1.45	0.19 / 1.22 / 1.80	0.26 / 1.70 / 2.70	0.35 / 2.27 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.6 / 4.1 / 5.5	1.6 / 5.9 / 7.5	2.1 / 7.8 / 10.0	2.0 / 10.5 / 17.0
	Heating (Min/Std/Max)	A	1.3 / 4.7 / 7.0	1.3 / 5.9 / 10.5	1.7 / 7.5 / 12.0	2.0 / 10.2 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A				
	Heating- Tri-Phase (Min/Std/Max)	A				
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	700 x 199 x 600	700 x 199 x 600	1100 x 200 x 450	1100 x 200 x 450
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	19.4	19.4	23.4	23.4
	Outdoor Unit	kg	32.8	32.8	43.8	53.0
Refrigerant						
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)			
	Factory charging	kg	1.05 / 20m	1.05 / 20m	1.30 / 5m	1.50 / 5m
	Charging Ton equivalent CO2	tCO2e	2.19 tCO2e	2.19 tCO2e	2.71 tCO2e	3.13 tCO2e
	Additional refrigerant charging	g / m	-	-	10	20
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2	5 / 8
Piping Length	Min/ Max	m	20	20	30	50
Piping Height	Max	m	15	15	20	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
Others						
Panel	Model code					
	Net Dimensions (W x H x D)	mm				
	Net Weight	kg				
Accessories	Drain pump		MDP-E075SEE3D	MDP-E075SEE3D	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

Accessories								
Drain Pump (Optional)			Individual Controllers (Optional)			Others (Optional)		
MDP-E075S-EE3D	MDP-G075SP	MDP-G075SQ	AR-EH03E (to be matched with MRK-A10N)	MWR-SH11N	MWR-WE13N	MIM-H03N	MRK-A10N (to be matched with AR-EH03E)	MRW-TA

Dimensional Drawings

LSP Duct (Slim)

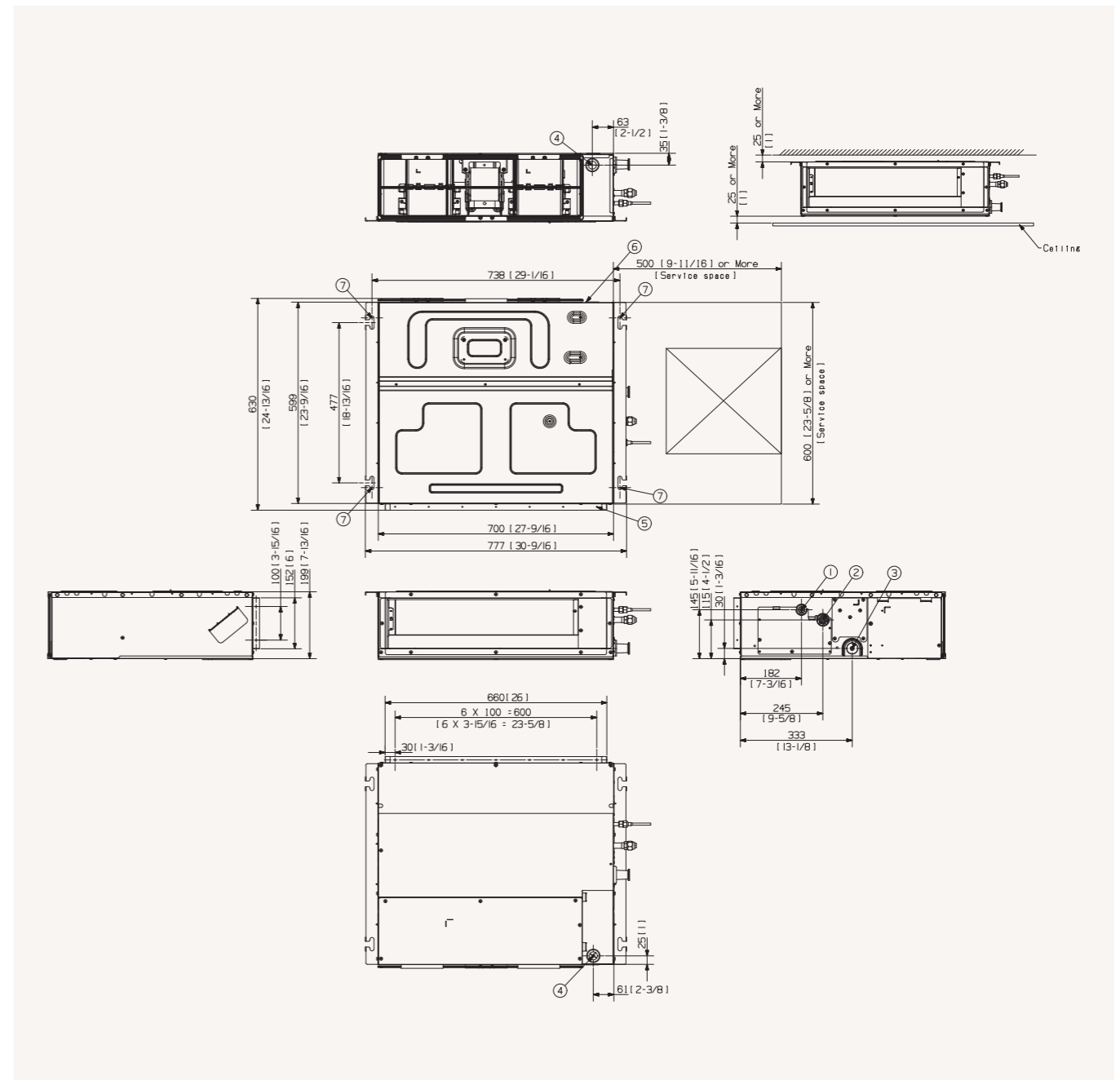
AC026/035*NLDK*/EU



Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 9,52mm (3/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air intake	-
6	Air supply	-
7	Air tie rods	Use M8 - M10 bolt (4ea)

LSP Duct (Duct S)

AC052/071*NLDK*/EU



Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 9,52mm (3/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air intake	-
6	Air supply	-
7	Air tie rods	Use M8 - M10 bolt (4ea)

Specifications



Duct - MSP Duct R32 NEW

Indoor Unit		AC035RNMDKG/EU	AC052RNMDKG/EU	AC071RNMDKG/EU	AC100RNMDKG/EU	
Outdoor Unit- Mono-Phase		AC035RXADKG/EU	AC052RXADKG/EU	AC071RXADKG/EU	AC100RXADKG/EU	
Outdoor Unit- Tri-Phase				-	AC100RXADNG/EU	
Capacity						
Capacity	Cooling (Min/Nominal/Max)	kW	0.80 / 3.50 / 4.40	1.20 / 5.00 / 6.50	1.50 / 6.80 / 8.70	3.0 / 10.0 / 12.0
	Heating up to +7°C (Min/Nominal/Max)	kW	1.10 / 4.00 / 4.70	1.10 / 6.00 / 7.20	1.90 / 8.00 / 9.00	2.2 / 11.2 / 15.5
	Heating @ -5°C	kW	3.9	5.9	7.8	11.00
	Heating @ -15°C	kW	3.5	5.2	7.00	9.7
Performance						
Energy Efficiency Cooling	SEER	W/W	6.2 / A++	6.3 / A++	6.1 / A++	5.9 / A+
	Consumption	kWh/a	198	278	390	593
	Pdesignc	kW	3.5	5.0	6.8	10.0
	EER	W/W	TBD	TBD	2.93	2.9
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.1 / A+	4.0 / A+	4.0 / A+
	Consumption	kWh/a	700	820	1295	1820
	Pdesignh (average)	kW	2.0	2.4	3.7	5.2
	COP	W/W	TBD	TBD	3.2	3.2
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	10.4/ 9.2/ 8.0	14.5/12.0/9.5	17.0 / 14.0 / 11.0	28.0 / 25.0 / 22.0
Sound Power	Indoor Unit	dB(A)	52	55	56	58
	Outdoor Unit	dB(A)	61	62	65	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	22/ 25/ 28	23 / 26 / 29	24 / 27 / 30	30 / 32 / 34
	Outdoor Unit	dB(A)	48/ 48	48 / 48	49/ 51	52 / 54
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco	Sirocco
	Power	W	153	153	153	153
	Number	EA	2	2	2	3
External Static Pressure	Min / Std / Max	Pa	TBD	TBD	0 / 29 / 147	0.0 / 39.2 / 147.0
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #			-	380~415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Single BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.20 / 1.02 / 1.36	0.35 / 1.60 / 2.20	0.35 / 2.32 / 3.60	0.60 / 3.44 / 4.70
	Heating	kW	0.24 / 1.15 / 1.80	0.26 / 1.64 / 2.70	0.35 / 2.50 / 3.95	0.46 / 3.50 / 5.40
Current Input	Cooling (Min/Std/Max)	A	1.4 / 5.0 / 6.2	2.1 / 7.2 / 10.0	2.0 / 10.4 / 16.0	3.0 / 15.2 / 20.4
	Heating (Min/Std/Max)	A	1.3 / 5.4 / 10.5	1.7 / 7.4 / 12.0	2.0 / 10.8 / 17.0	2.5 / 15.4 / 23.0
	Cooling- Tri-Phase (Min/Std/Max)	A		-	-	1.5 / 5.3 / 7.1
	Heating- Tri-Phase (Min/Std/Max)	A		-	-	1.5 / 5.3 / 7.1
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700	1200 x 250 x 700
	Outdoor Unit	mm	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310	940 x 998 x 330
Net Weight	Indoor Unit	kg	26.5	26.5	26.5	34.0
	Outdoor Unit	kg	32.5	43.0	51.0	75.0
Refrigerant						
Refrigerant	Type					
	Factory charging	kg	0.9/ 20m	1.2/ 10m	1.7 / 15m	2.7 / 30m
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.81 tCO2e	1.15 tCO2e	1.82 tCO2e
	Additional refrigerant charging	g / m			25	50
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	3 / 8
	Gas Pipe	Φ.inch	3 / 8	1 / 2	5 / 8	5 / 8
Piping Length	Min/ Max	m	3 / 20	3 / 30	3 / 50	50
Piping Height	Max	m	15	20	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others						
Panel	Model code					
	Net Dimensions (W x H x D)	mm				
	Net Weight	kg				
Accessories	Drain pump		MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- External static pressure range from 0 to 14 mmAq.
- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Long-life washable permanent filter is included.
- Auto Restart function.

- Built-in condensation drain pump (750 mmH2O).
- SPI Ionizer device (optional).

AC120RNMDKG/EU AC120RXADKG/EU AC120RXADNG/EU	AC140RNMDKG/EU AC140RXADKG/EU AC140RXADNG/EU
3.0 / 12.0 / 13.5	3.5 / 13.4 / 15.5
2.5 / 13.2 / 17.0	3.5 / 15.5 / 18.0
12.9	15.2
11.5	13.5
5.8 / A+	6.0
TBD	-
TBD	-
2.66	2.9
4.0 / A+	4.0
TBD	-
6.5	
3.42	3.34
33.0 / 28.0 / 23.0	33.0 / 28.0 / 23.0
62	62
70	69
30 / 34 / 37	30 / 34 / 37
54 / 56	53 / 54
Sirocco	Sirocco
153	153
3	3
0.0 / 51.0 / 147.0	0.0 / 51.0 / 147.0
-15 ~ 50	-15 ~ 50
-20 ~ 24	-20 ~ 24
220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4
Twin BLDC	Twin BLDC
0.90 / 4.50 / 5.30	0.80 / 4.62 / 6.45
0.90 / 4.50 / 5.30	0.80 / 4.62 / 6.45
5.0 / 19.7 / 24.0	0.80 / 4.62 / 6.45
5.0 / 19.7 / 24.0	3.5 / 20.0 / 32.0
1.9 / 6.9 / 10.0	2.1 / 7.1 / 10.5
1.5 / 5.9 / 12.0	1.9 / 7.0 / 12.0
1.300 x 300 x 700	1.300 x 300 x 700
940 x 998 x 330	940 x 1210 x 330
38.5	38.5
81.0	91.5
2.7 / 30	2.9 / 30m
1.82 tCO2e	1.96 tCO2e
50	50
3 / 8	3 / 8
5 / 8	5 / 8
50	75
30	30
VP25 (OD32.ID25)	VP25 (OD32.ID25)
MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ
750/24	750/24

Accessories

Drain pump (Included)




MDP-G075SP MDP-G075SQ

Individual Controllers (Optional)





AR-EH03E MWR-SH11N MWR-WE13N
(to be matched with MRK-A10N)

Others (Optional)





MIM-H03N MRK-A10N MRW-TA
(to be matched with AR-EH03E)

Specifications



Duct - MSP Duct (R410A)

		Indoor Unit	AC035MNMDKH/EU	AC052MNMDKH/EU	AC060MNMDKH/EU	AC071MNMDKH/EU
		Outdoor Unit- Mono-Phase	AC035MXADKH/EU	AC052MXADKH/EU	AC060MXADKH/EU	AC071MXADKH/EU
		Outdoor Unit- Tri-Phase				
Capacity						
Capacity	Cooling (Min/Nominal/Max)	kW	1.20 / 3.50 / 3.90	1.20 / 5.00 / 6.00	1.20 / 5.80 / 7.00	2.20 / 7.10 / 8.00
	Heating up to +7°C (Min/Nominal/Max)	kW	1.10 / 4.00 / 4.70	1.10 / 6.00 / 7.20	1.50 / 7.00 / 8.50	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	3.92	5.88	6.86	7.84
	Heating @ -15°C	kW	3.48	5.22	6.09	6.96
Performance						
Energy Efficiency Cooling	SEER	W/W	6.3 / A++	6.2 / A++	6.1 / A++	6.1 / A++
	Consumption	kWh/a	194	282	333	407
	Pdesignc	kW	3.5	5.0	5.8	7.1
	EER	W/W	3.33	3.21	2.97	3.3
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.1 / A+	4.0 / A+	4.0 / A+
	Consumption	kWh/a	630	820	910	1295
	Pdesignh (average)	kW	1.8	2.4	2.6	3.7
	COP	W/W	3.33	3.8	3.59	3.64
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	30.0	40.0	40.0	51.0
Sound Power	Indoor Unit	dB(A)	52	55	56	56
	Outdoor Unit	dB(A)	61	62	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	28/25/22	29/26/23	30/27/24	24 / 27 / 30
	Outdoor Unit	dB(A)	48 / 48	48 / 48	49 / 49	49 / 51
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco	Sirocco
	Power	W	153	153	153	153
	Number	EA	2	2	2	2
External Static Pressure	Min / Std / Max	Pa	0 / 25 / 147	0 / 29 / 147	0 / 29 / 147	0 / 29 / 147
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	-	-	-
Compressor Type	Outdoor Unit	Type	Single BLDC	Twin BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.26 / 1.05 / 1.50	0.35 / 1.56 / 2.20	0.26 / 1.95 / 2.40	0.35 / 2.15 / 3.95
	Heating	kW	0.24 / 1.20 / 1.80	0.26 / 1.58 / 2.70	0.20 / 1.95 / 3.30	0.35 / 2.20 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.6 / 5.5 / 7.5	2.1 / 7.1 / 10.0	1.8 / 8.5 / 10.6	2.0 / 9.7 / 17.0
	Heating (Min/Std/Max)	A	1.3 / 5.8 / 10.5	1.7 / 7.2 / 12.0	1.5 / 8.5 / 14.0	2.0 / 11.3 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A	-	-	-	-
	Heating- Tri-Phase (Min/Std/Max)	A	-	-	-	-
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700
	Outdoor Unit	mm	790 x 548 x 285	880 x 638 x 310	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	25.8	25.8	25.8	25.8
	Outdoor Unit	kg	32.8	43.8	43.8	53.0
Refrigerant						
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)			
Factory charging	kg		1.05 / 20m	1.30 / 5m	1.30 / 5m	1.50 / 5m
	tCO ₂ e		2.19 tCO ₂ e	2.71 tCO ₂ e	2.71 tCO ₂ e	3.13 tCO ₂ e
	g / m		-	10	10	20
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	1 / 2	1 / 2	5 / 8
Piping Length	Min/ Max	m	20	30	30	50
Piping Height	Max	m	15	20	20	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
Others						
Panel	Model code					
	Net Dimensions (W x H x D)	mm				
	Net Weight	kg				
Accessoires	Drain pump		MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- External static pressure range from 0 to 14 mmAq.
- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Long-life washable permanent filter is included.
- Auto Restart function.
- Built-in condensation drain pump (750 mmH₂O).
- SPI Ionizer device (optional).

AC090MNMDKH/EU AC090MXADKH/EU AC090MXADNH/EU	AC100MNMDKH/EU AC100MXADKH/EU AC100MXADNH/EU	AC120MNMDKH/EU AC120MXADKH/EU AC120MXADNH/EU	AC140MNMDKH/EU AC140MXADKH/EU AC140MXADNH/EU
3.00 / 9.00 / 11.30	3.00 / 10.00 / 12.00	3.00 / 12.00 / 13.50	3.50 / 13.40 / 15.50
2.20 / 10.00 / 13.90	2.20 / 11.20 / 15.50	2.50 / 13.00 / 17.00	3.50 / 15.50 / 18.00
9.8	10.98	12.74	15.19
8.7	9.74	11.31	13.49
5.9 / A+	5.8 / A+	5.6 / A+	3.0
534	603	750	
9.0	10.0	12.0	
3.1	2.86	2.73	3.01
4.0 / A+	4.0 / A+	4.0 / A+	3.4
1820	1820	2590	
5.2	5.2	7.4	
3.64	3.39	3.25	3.41
78.0	78.0	78.0	78.0
58	58	62	62
68	69	70	69
30 / 32 / 34	30 / 32 / 34	30 / 34 / 37	30 / 34 / 37
52 / 53	52 / 54	54 / 56	53 / 54
Sirocco	Sirocco	Sirocco	Sirocco
153	153	244	244
3	3	3	3
0 / 39 / 147	0 / 39 / 147	0 / 51 / 147	0 / 51 / 147
-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
220-240/ 50/ 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/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4
Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
0.60 / 2.90 / 4.46	0.60 / 3.50 / 4.70	0.90 / 4.40 / 5.50	0.80 / 4.45 / 6.44
0.46 / 2.75 / 5.20	0.46 / 3.30 / 5.40	0.70 / 4.00 / 5.90	0.70 / 4.54 / 7.36
3.0 / 12.7 / 19.4	3.0 / 15.1 / 20.4	5.0 / 19.5 / 24.0	3.7 / 20.0 / 28.0
2.5 / 12.5 / 22.7	2.5 / 14.0 / 23.0	4.0 / 17.5 / 26.5	3.5 / 19.5 / 32.0
1.50 / 4.50 / 7.30	1.50 / 5.30 / 7.10	1.90 / 7.00 / 8.60	2.10 / 7.00 / 12.00
1.40 / 4.50 / 9.00	1.20 / 4.90 / 8.40	1.50 / 6.30 / 9.00	1.90 / 7.00 / 12.00
1200 x 250 x 700	1200 x 250 x 700	1300 x 300 x 700	1300 x 300 x 700
940 x 998 x 330	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330
33.4	33.4	38.6	38.6
72.0	72.0	77.0	87.0
R410A(Contains fluorinated greenhouse gases. GWP=2.088)			
3 / 30m	3 / 30m	3 / 30m	3.4 / 30m
6.26 tCO ₂ e	6.26 tCO ₂ e	6.26 tCO ₂ e	7.10 tCO ₂ e
50	50	50	50
3 / 8	3 / 8	3 / 8	3 / 8
5 / 8	5 / 8	5 / 8	5 / 8
50	50	50	75
30	30	30	30
VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ
750/24	750/24	750/24	750/24

Accessories

Drain pump (Included)

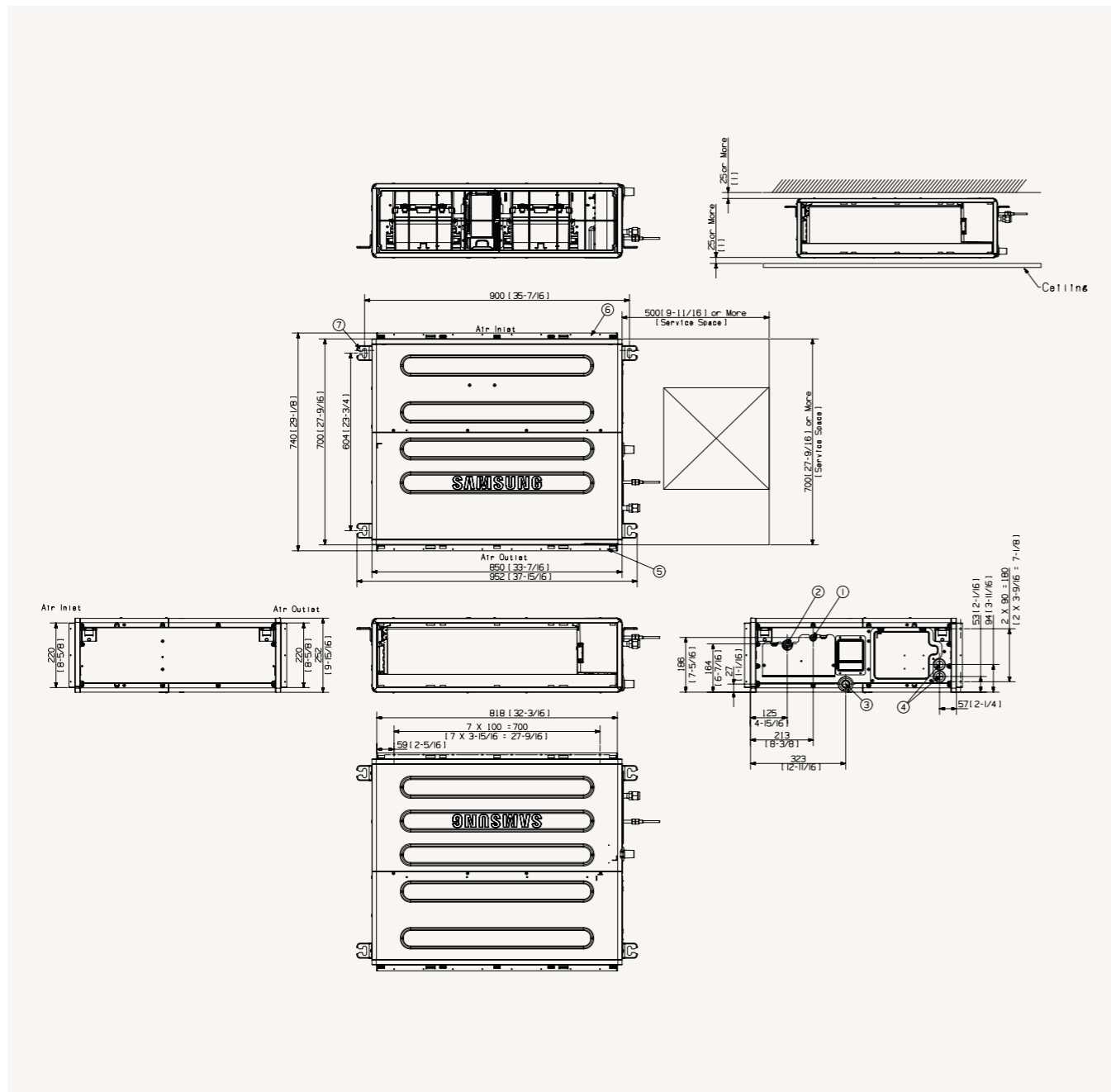
Individual Controllers (Optional)

Others (Optional)

Dimensional Drawings

MSP Duct

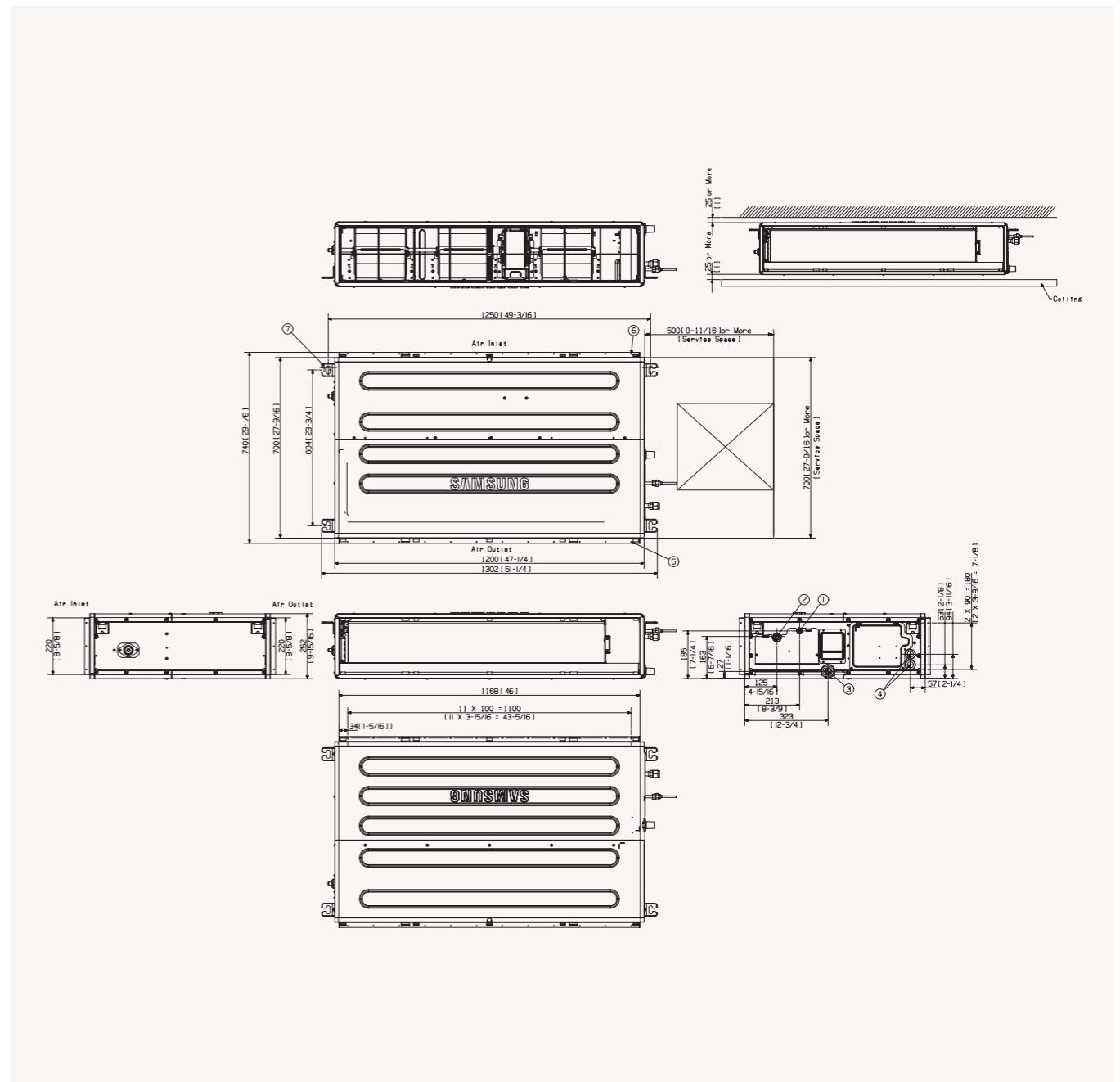
AC035/052/060/071*NMDK*/EU



Pos.	Name	Model		
		AC035*NMDK*/EU	AC052*NMDK*/EU	AC060*NMDK*/EU AC071*NMDK*/EU
1	Liquid piping		ø 6,35 mm (1/4")	
2	Gas piping	ø 9,52mm (3/8")	ø 12,7 mm (1/2")	ø 15,88 mm (5/8")
3	Condensation drain piping		VP-25 (OD32, ID25)	
4	Power supply cables connection / communication		-	
5	Air intake		-	
6	Air supply		-	
7	Air tie rods		Use M8 - M10 bolt (4ea)	

MSP Duct

AC090/100*NMDK*/EU

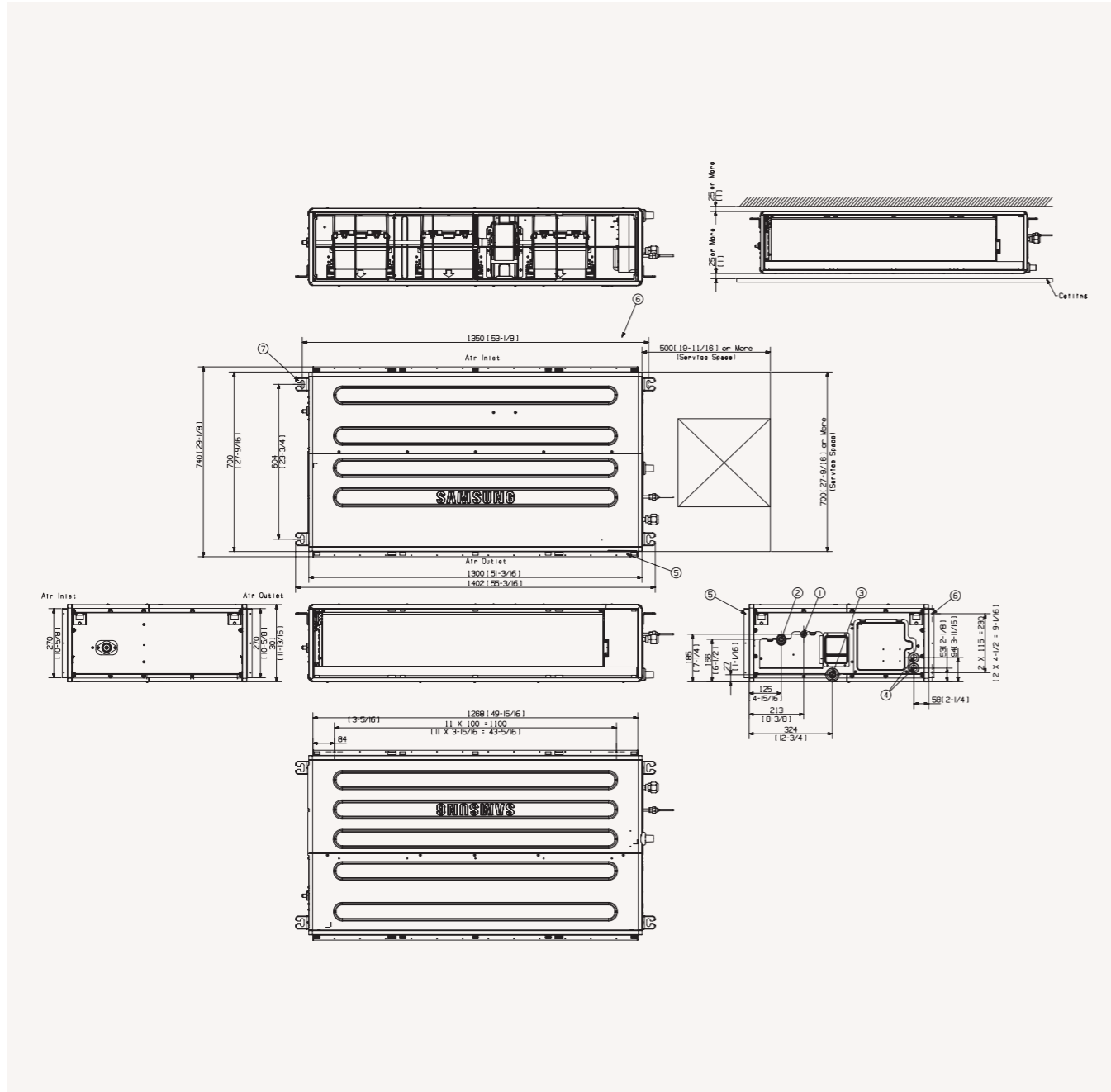


Pos.	Name	Description
1	Liquid piping	ø 9,52mm (3/8")
2	Gas piping	ø 15,88mm (5/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air intake	-
6	Air supply	-
7	Air tie rods	Use M8 - M10 bolt (4ea)

Dimensional Drawings

MSP Duct

AC035/052/060/071*NMDK*/EU



Pos.	Name	Description
1	Liquid piping	ø 9,52mm (3/8")
2	Gas piping	ø 15,88mm (5/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air intake	-
6	Air supply	-
7	Air tie rods	Use M8 - M10 bolt (4ea)



Specifications



HSP Duct (R410A)

			AC180JNHPKH/EU	AC200KNHPKH/EU	AC250KNHPKH/EU
			-	-	-
			AC180JXAPNH/EU	AC200KXAPNH/EU	AC250KXAPNH/EU
Capacity					
	Cooling (Min/Nominal/Max)	kW	6.00 / 18.0 / 20.0	7.50 / 20.0 / 23.0	9.0 / 25.00 / 28.50
	Heating up to +7°C (Min/Nominal/Max)	kW	4.80 / 20.0 / 22.50	8.50 / 23.00 / 25.00	10.0 / 27.00 / 32.00
	Heating @ -5°C	kW	-	-	-
	Heating @ -15°C	kW	-	-	-
Performance					
Energy Efficiency Cooling	SEER	W/W	A	-	-
	Consumption	kWh/a	-	-	-
	Pdesignc	kW	-	-	-
	EER	W/W	3.30	3.10	2.61
Energy Efficiency Heating	SCOP	W/W	A	-	-
	Consumption	kWh/a	-	-	-
	Pdesignh (average)	kW	-	-	-
	COP	W/W	3.61	3.45	3.24
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	71.00 / 60.00 / 50.00	72.00 / 62.00 / 48.00	80.00 / 64.00 / 51.00
Sound Power	Indoor Unit	dB(A)	69	70	72
	Outdoor Unit	dB(A)	76	75	77
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	35 / 39 / 43	36 / 34 / 44	37 / 42 / 47
	Outdoor Unit	dB(A)	55 / 57	58 / 60	59 / 61
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco
	Power	W	630	630	630
	Number	EA	2	2	2
External Static Pressure	Min / Std / Max	Pa	50.01 / 60.02 / 196.13	49.03 / 72.00 / 196.13	49.03 / 72.00 / 196.13
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data					
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #			
	Outdoor Unit 3P	V / Hz / Φ / #	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC Rotary	BLDC Scroll	BLDC Scroll
Power (Min/Nominal/Max)	Cooling	kW	1.30 / 5.45 / 7.30	2.10 / 6.45 / 8.00	2.60 / 9.58 / 12.00
	Heating	kW	1.20 / 5.54 / 7.60	2.10 / 6.66 / 9.80	2.50 / 8.33 / 13.50
Current Input	Cooling (Min/Std/Max)	A			
	Heating (Min/Std/Max)	A			
	Cooling- Tri-Phase (Min/Std/Max)	A	2.30 / 8.40 / 16.10	3.8 / 10.0 / 12.3	4.7 / 14.9 / 18.4
	Heating- Tri-Phase (Min/Std/Max)	A	2.20 / 8.60 / 16.10	3.8 / 10.3 / 16	4.5 / 12.9 / 22
Dimensions					
Net Dimensions (W x H x D)	Indoor Unit	mm	1350 x 450 x 910	1350 x 450 x 910	1350 x 450 x 910
	Outdoor Unit	mm	940 x 1420 x 330	940 x 1630 x 460	940 x 1630 x 460
Net Weight	Indoor Unit	kg	1350 x 450 x 910	1350 x 450 x 910	92.0
	Outdoor Unit	kg	107.5	154.0	154.0
Refrigerant					
Refrigerant	Type		R410A(Contains fluorinated greenhouse gas, GWP=2,088)		
	Factory charging	kg	4.60	6.60	6.60
	Charging Ton equivalent CO2	tCO2e	9.60 tCO2e	13.78 tCO2e	13.78 tCO2e
	Additional refrigerant charging	g / m	-	-	-
Piping Connections	Liquid Pipe	Φ.inch	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	3 / 4	3 / 4	7 / 8
Piping Length	Min/ Max	m	75	75	75
Piping Height	Max	m	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)
Others					
Panel	Model code				
	Net Dimensions (W x H x D)	mm			
	Net Weight	kg			
Accessories	Drain pump		MDP-G075SP MDP-G075SQ	DC	DC
	Max lifting height/ displacement	mm / l/h			

- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Long-life washable HD 40 permanent filter is included.

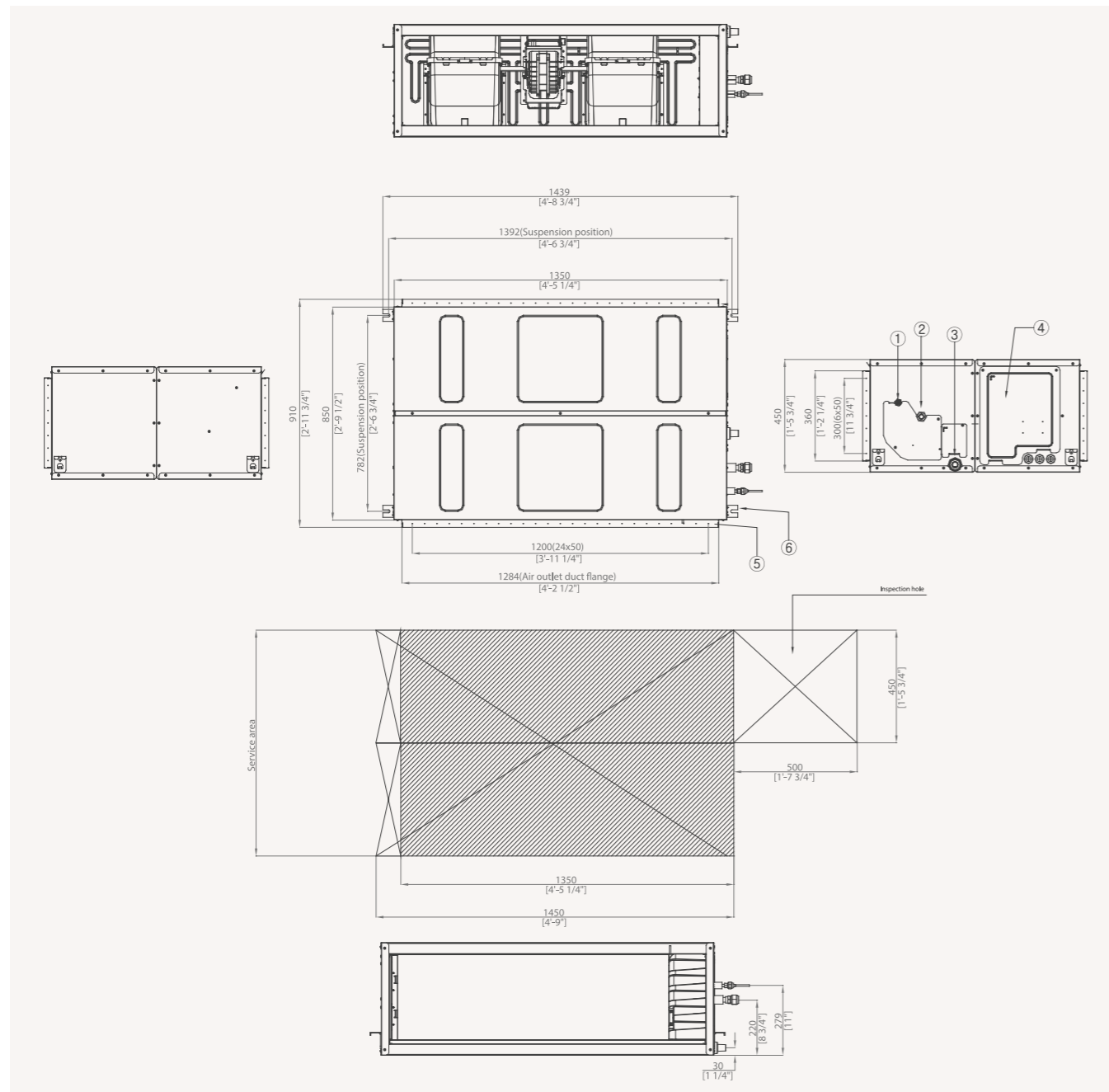
- Auto Restart function.
- Condensation drain pump (optional)

Accessories								
Drain Pump (Optional)		Individual Controllers (Optional)				Others (Optional)		
MDP-G075SP	MDP-G075SQ	AR-EH03E (to be matched with MRK-A10N)	MWR-SH11N	MWR-WE13N	MIM-H03N	MRK-A10N (to be matched with AR-EH03E)	MRW-TA	

Dimensional Drawings

HSP Duct

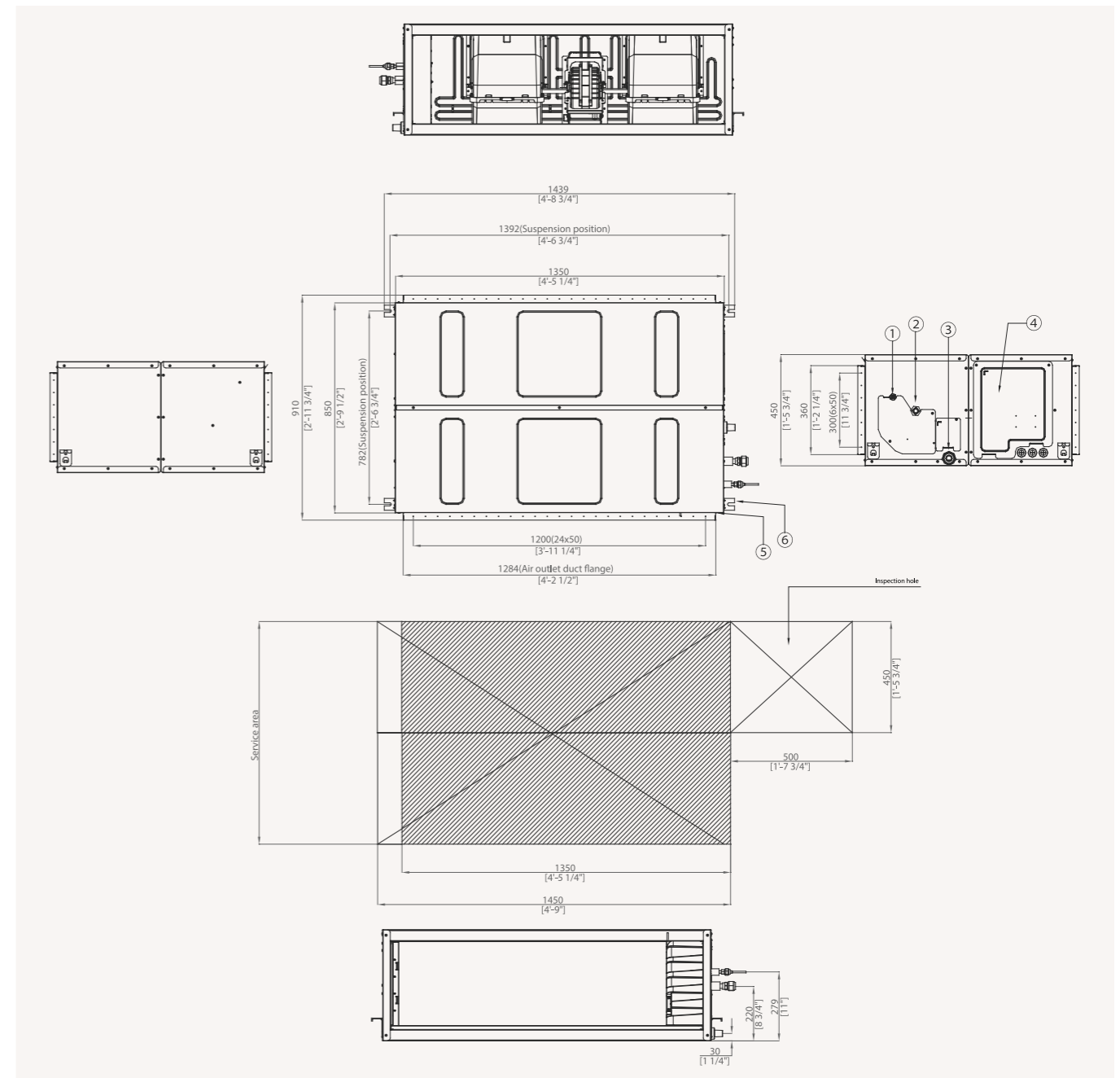
AC180JNHPKH/EU



Pos.	Name	Description
1	Liquid piping	ø 9,52 mm (3/8")
2	Gas piping	ø 19,05 mm (3/4")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air tie rods	-
7	Air tie rods	Use M8 - M10 bolt (4ea)

HSP Duct (Big Duct)

AC200/250KNHPKH/EU



Pos.	Name	Model	
		AC200KNHPKH/EU	AC250KNHPKH/EU
1	Liquid piping	ø 9,52 mm (3/8")	ø 9,52 mm (3/8")
2	Gas piping	ø 19,05 mm (3/4")	ø 22,22 mm (7/8")
3	Condensation drain piping	VP-25 (OD32, ID25)	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-	-
5	Air supply	-	-
6	Air tie rods	-	-

Specifications



- Fan with inverter motor; HD filter included
- Triangle Design; "Good Sleep" mode

Wall-Mounted Triangle R32 NEW

Indoor Unit			AC026RNADKG/EU	AC035RNADKG/EU	AC052RNADKG/EU	AC071RNADKG/EU
Outdoor Unit- Mono-Phase			AC026RXADKG/EU	AC035RXADKG/EU	AC052RXADKG/EU	AC071RXADKG/EU
Outdoor Unit- Tri-Phase						
Capacity						
Capacity	Cooling (Min/Nominal/Max)	kW	0.96 / 2.60 / 3.60	1.00 / 3.50 / 3.90	1.30 / 5.00 / 6.50	1.50 / 7.10 / 8.70
	Heating up to +7°C (Min/Nominal/Max)	kW	1.00 / 3.30 / 4.00	1.10 / 4.00 / 4.70	1.50 / 6.00 / 6.25	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	3.2	3.9	5.9	7.8
	Heating @ -15°C	kW	2.9	3.5	5.2	7.00
Performance						
Energy Efficiency Cooling	SEER	W/W	6.6 / A++	6.5 / A++	6.2 / A++	6.4 / A++
	Consumption	kWh/a	138	188	282	388
	Pdesignc	kW	2.6	3.5	5.0	6.4
	EER	W/W	3.51	3.18	2.27	3.02
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.9 / A	4.0 / A+
	Consumption	kWh/a	700	700	862	1260
	Pdesignh (average)	kW	2.0	2.0	2.4	3.6
	COP	W/W	3.00	2.58	2.79	3.27
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	7.7 / 6.2 / 5.0	8.5 / 7.2 / 5.8	10.7 / 9.0 / 7.2	17.1 / 14.5 / 12.4
Sound Power	Indoor Unit	dB(A)	56	59	60	61
	Outdoor Unit	dB(A)	59	61	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	21 / 24 / 30 / 36	20 / 26 / 32 / 38	25 / 32 / 37 / 42	30 / 35 / 39 / 43
	Outdoor Unit	dB(A)	46 / 47	48 / 61	48 / 48	49 / 51
Fan/ Outdoor unit	Type		Crossflow Fan	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Power	W	27	27	27	27
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa				
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 46	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #				
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.18 / 0.74 / 1.20	0.19 / 1.10 / 1.30	0.40 / 2.20 / 2.30	0.35 / 2.35 / 3.60
	Heating	kW	0.21 / 1.10 / 1.45	0.23 / 1.55 / 1.80	0.34 / 2.15 / 3.15	0.35 / 2.45 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.4 / 3.7 / 5.5	1.4 / 5.3 / 6.0	2.6 / 9.6 / 10.1	2.0 / 10.3 / 16.0
	Heating (Min/Std/Max)	A	1.3 / 5.1 / 7.0	1.4 / 6.9 / 10.5	2.3 / 9.4 / 14.0	2.0 / 10.7 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A				
	Heating- Tri-Phase (Min/Std/Max)	A				
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	750 x 249 x 246	750 x 249 x 246	896 x 261 x 261	1065 x 294 x 301
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	7.6	7.6	10.8	14.4
	Outdoor Unit	kg	32.5	32.5	43.0	51.0
Refrigerant						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)			
	Factory charging	kg	0.9 / 20m	0.9 / 20	1.2 / 10m	1.7 / 15m
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e	0.81 tCO2e	1.15 tCO2e
	Additional refrigerant charging	g / m	-	-	15	25
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2	5 / 8
Piping Length	Min/ Max	m	3 / 20	3 / 20	3 / 30	3 / 50
Piping Height	Max	m	15	15	20	30
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18	ID 18	ID 18

Accessories				
Individual Controllers (Optional)			Others (Optional)	
AR-EH03E	MWR-SH11N	MWR-WE13N	MIM-H03N	MRW-TA






Specifications



- Fan with inverter motor; HD filter included
- Triangle Design; "Good Sleep" mode

Wall-Mounted Triangle (R410A)

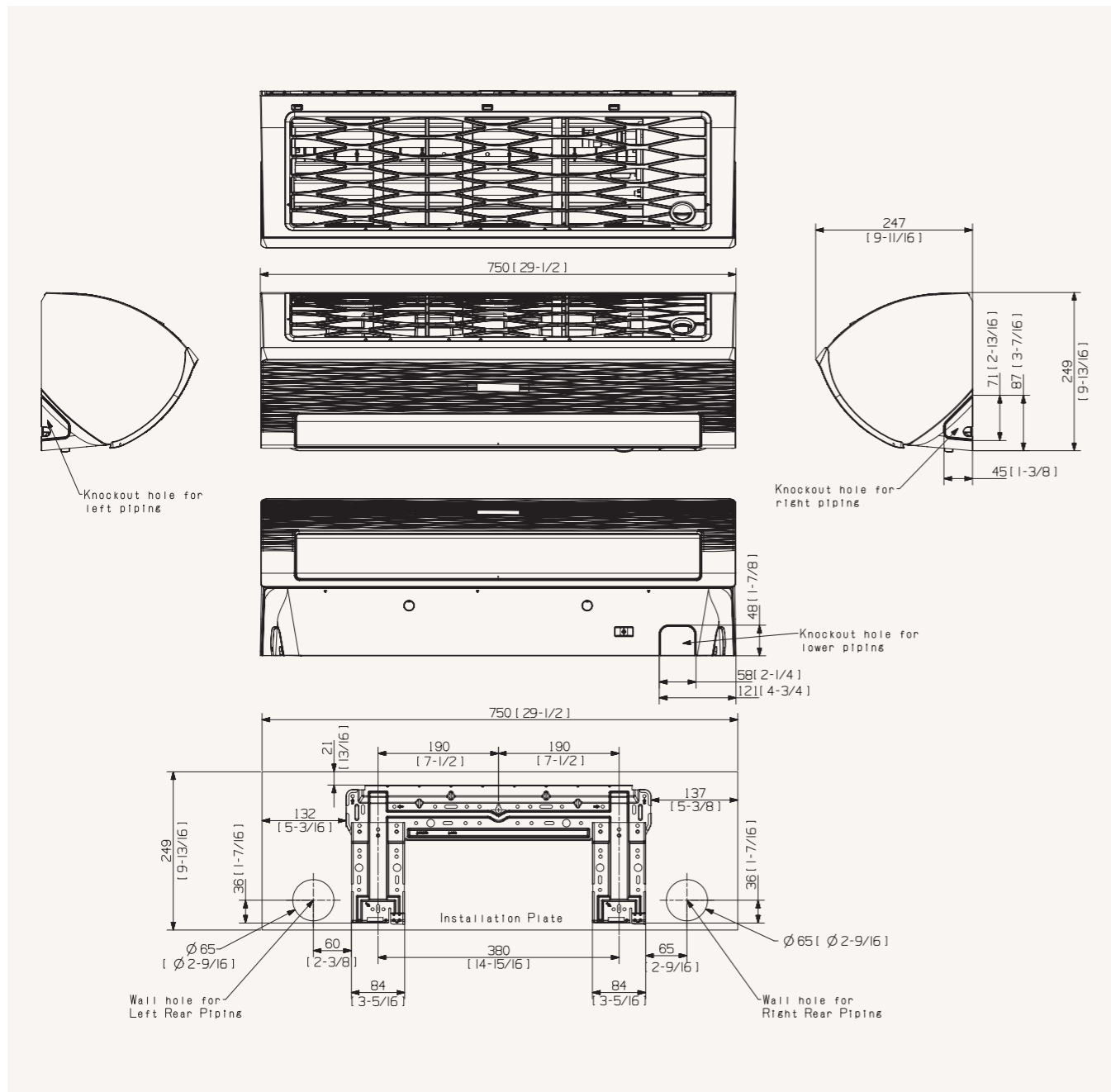
		Indoor Unit	AC026MNADKH/EU	AC035MNADKH/EU	AC052MNADKH/EU	AC071MNADKH/EU
		Outdoor Unit- Mono-Phase	AC026MXADKH/EU	AC035MXADKH/EU	AC052MXADKH/EU	AC071MXADKH/EU
		Outdoor Unit- Tri-Phase				
Capacity						
Capacity	Cooling (Min/Nominal/Max)	kW	1.10 / 2.60 / 3.40	1.20 / 3.50 / 3.90	1.90 / 5.00 / 5.60	2.20 / 7.10 / 8.00
	Heating up to +7°C (Min/Nominal/Max)	kW	1.00 / 3.30 / 4.00	1.10 / 4.00 / 4.70	1.50 / 6.00 / 6.25	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	3.23	3.92	5.88	7.84
	Heating @ -15°C	kW	2.87	3.48	5.22	6.96
Performance						
Energy Efficiency Cooling	SEER	W/W	6.4 / A++	6.3 / A++	6.2 / A++	6.3 / A++
	Consumption	kWh/a	142	194	282	394
	Pdesignc	kW	2.6	3.5	5.0	7.1
	EER	W/W	3.51	3.18	2.27	2.82
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.8 / A	4.0 / A+
	Consumption	kWh/a	700	700	884	1260
	Pdesignh (average)	kW	2.0	2.0	2.4	3.6
	COP	W/W	3.3	2.5	3.16	3.14
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	7.7 / 6.2 / 5.0	8.5 / 7.2 / 5.8	10.7 / 9.0 / 7.2	17.1 / 14.5 / 12.4
Sound Power	Indoor Unit	dB(A)	56	59	60	61
	Outdoor Unit	dB(A)	59	61	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	18 / 24 / 30 / 36	20 / 26 / 32 / 38	25 / 32 / 37 / 42	30 / 35 / 39 / 43
	Outdoor Unit	dB(A)	46 / 47	48 / 48	48 / 48	49 / 51
Fan/ Outdoor unit	Type		Crossflow	Crossflow	Crossflow	Crossflow
	Power	W	27	27	27	27
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa				
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #				
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.24 / 0.74 / 1.20	0.25 / 1.10 / 1.60	0.40 / 2.20 / 2.30	0.35 / 2.52 / 3.95
	Heating	kW	0.21 / 1.00 / 1.45	0.23 / 1.60 / 1.80	0.34 / 1.90 / 3.15	0.35 / 2.55 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.7 / 4.1 / 5.5	1.6 / 5.6 / 7.1	2.6 / 9.7 / 10.1	2.0 / 11.2 / 17.0
	Heating (Min/Std/Max)	A	1.4 / 5.0 / 7.0	1.3 / 7.1 / 10.5	2.3 / 8.4 / 14.0	2.0 / 11.3 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A				
	Heating- Tri-Phase (Min/Std/Max)	A				
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	750 x 249 x 246	750 x 249 x 246	896 x 261 x 261	1065 x 294 x 301
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	7.6	7.6	10.8	14.4
	Outdoor Unit	kg	32.8	32.8	43.8	53.0
Refrigerant						
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)			
	Factory charging	kg	1.05 / 20m	1.05 / 20m	1.30 / 5m	1.50 / 5m
	Charging Ton equivalent CO2	tCO2e	2.19 tCO2e	2.19 tCO2e	2.71 tCO2e	3.13 tCO2e
	Additional refrigerant charging	g / m	-	-	10	20
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2	5 / 8
Piping Length	Min/ Max	m	20	20	30	50
Piping Height	Max	m	15	15	20	30
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18	ID 18	ID 18

Accessories				
Individual Controllers (Optional)			Others (Optional)	
				
AR-EH03E	MWR-SH11N	MWR-WE13N	MIM-H03N	MRW-TA

Dimensional Drawings

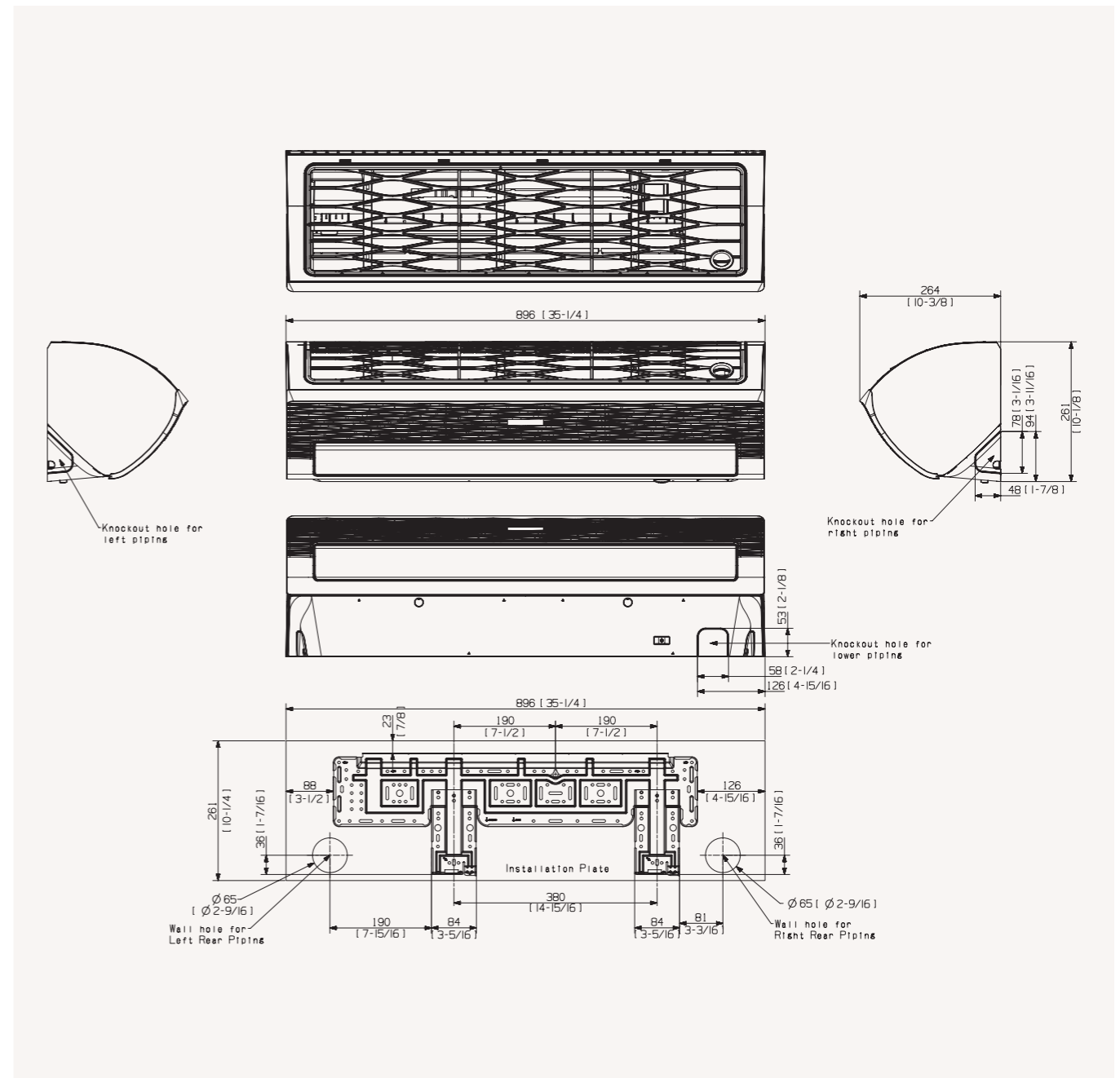
Wall-Mounted Triangle

AC026/035*NADK*/EU



Wall-Mounted Triangle

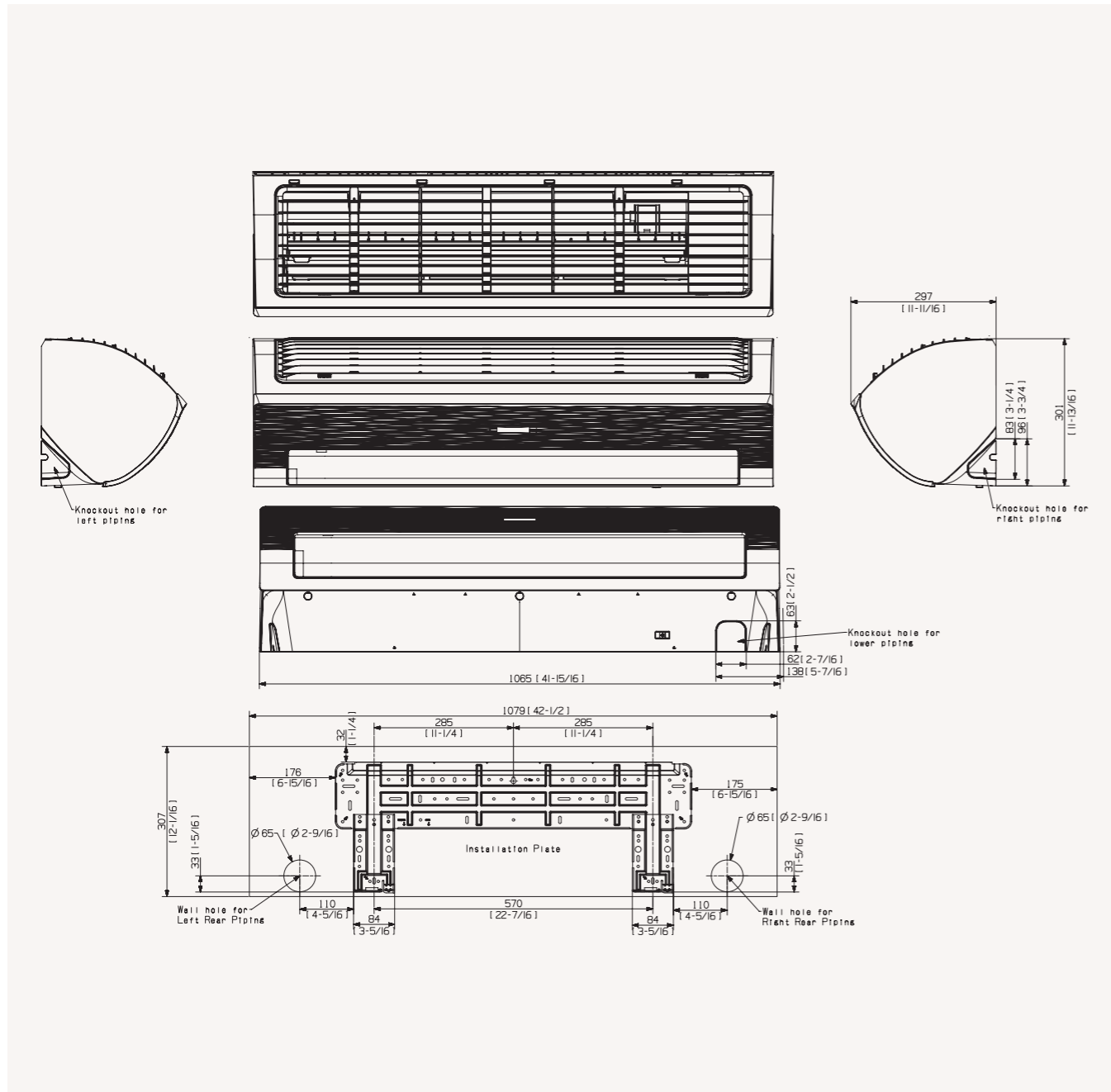
AC052*NADK*/EU



Dimensional Drawings

Wall-Mounted Triangle

AC071*NADK*/EU



Specifications



Wall-Mounted Max R32

- Full HD Filter
- Wi-Fi Kit (Optional)

Indoor Unit		AC100RNTDKG/EU	
Outdoor Unit- Mono-Phase		AC100RXADKG/EU	
Outdoor Unit- Tri-Phase		AC100RXADNG/EU	
Capacity			
	Cooling (Min/Nominal/Max)	kW	3.0 / 9.5 / 11.0
	Heating up to +7°C (Min/Nominal/Max)	kW	2.2 / 10.8 / 15.5
	Heating @ -5°C	kW	10.6
	Heating @ -15°C	kW	9.4
Performance			
Energy Efficiency Cooling	SEER	W/W	5.9 / A+
	Consumption	kWh/a	564
	Pdesignc	kW	9.5
	EER	W/W	2.53
Energy Efficiency Heating	SCOP	W/W	4.0 / A+
	Consumption	kWh/a	1960
	Pdesignh (average)	kW	5.6
	COP	W/W	2.82
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	22.7 / 19.8 / 17.8
Sound Power	Indoor Unit	dB(A)	65
	Outdoor Unit	dB(A)	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	37 / 43 / 46 / 49
	Outdoor Unit	dB(A)	52 / 54
Fan/ Outdoor unit	Type		Crossflow Fan
	Power	W	58
	Number	EA	2
External Static Pressure	Min / Std / Max	Pa	
Operating Temp. Range	Cooling	°C	-15 ~ 50
	Heating	°C	-20 ~ 24
Electrical Data			
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	380-415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.60 / 3.75 / 5.10
	Heating	kW	0.46 / 3.82 / 5.40
Current Input	Cooling (Min/Std/Max)	A	3.0 / 16.3 / 22.5
	Heating (Min/Std/Max)	A	2.5 / 16.7 / 23.0
	Cooling- Tri-Phase (Min/Std/Max)	A	1.5 / 5.7 / 7.7
	Heating- Tri-Phase (Min/Std/Max)	A	1.2 / 5.7 / 8.4
Dimensions			
Net Dimensions (W x H x D)	Indoor Unit	mm	1280 x 345 x 253
	Outdoor Unit	mm	940 x 998 x 330
Net Weight	Indoor Unit	kg	18.5
	Outdoor Unit	kg	75.0
Refrigerant			
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)
	Factory charging	kg	2.7 / 30m
	Charging Ton equivalent CO2	tCO2e	1.82 tCO2e
	Additional refrigerant charging	g / m	50
Piping Connections	Liquid Pipe	Φ.inch	3 / 8
	Gas Pipe	Φ.inch	5 / 8
Piping Length	Min/ Max	m	3 / 50
Piping Height	Max	m	30
Piping Connections	Drain pipe	Φ.mm	VP-25(OD32. ID25)

Wall-Mounted Max (R410A)

Indoor Unit		AC100MNTDEH/EU	
Outdoor Unit- Mono-Phase		AC100MXADKH/EU	
Outdoor Unit- Tri-Phase			
Capacity			
	Cooling (Min/Nominal/Max)	kW	3.0 / 9.5 / 11.0
	Heating up to +7°C (Min/Nominal/Max)	kW	2.2 / 10.8 / 15.5
	Heating @ -5°C	kW	10.6
	Heating @ -15°C	kW	9.4
Performance			
Energy Efficiency Cooling	SEER	W/W	5.8 / A+
	Consumption	kWh/a	573
	Pdesignc	kW	9.5
	EER	W/W	2.5
Energy Efficiency Heating	SCOP	W/W	4.0 / A+
	Consumption	kWh/a	1960
	Pdesignh (average)	kW	5.6
	COP	W/W	2.88
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	24.0/ 21.5/ 19.0
Sound Power	Indoor Unit	dB(A)	65
	Outdoor Unit	dB(A)	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	37 / 43 / 46 / 49
	Outdoor Unit	dB(A)	52 / 54
Fan/ Outdoor unit	Type		Crossflow
	Power	W	58
	Number	EA	2
External Static Pressure	Min / Std / Max	Pa	
Operating Temp. Range	Cooling	°C	-15.0 ~ 50.0
	Heating	°C	-20.0 ~ 24.0
Electrical Data			
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	
Compressor Type	Outdoor Unit	Type	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.6 / 3.8 / 5.1
	Heating	kW	0.46 / 3.75 / 5.4
Current Input	Cooling (Min/Std/Max)	A	3.0 / 16.7 / 22.5
	Heating (Min/Std/Max)	A	2.5 / 16.6 / 23.0
	Cooling- Tri-Phase (Min/Std/Max)	A	
	Heating- Tri-Phase (Min/Std/Max)	A	
Dimensions			
Net Dimensions (W x H x D)	Indoor Unit	mm	1280 x 345 x 253
	Outdoor Unit	mm	940 x 998 x 330
Net Weight	Indoor Unit	kg	18.5
	Outdoor Unit	kg	72.0
Refrigerant			
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)
	Factory charging	kg	3.0 / 30m
	Charging Ton equivalent CO2	tCO2e	6.26 tCO2e
	Additional refrigerant charging	g / m	50
Piping Connections	Liquid Pipe	Φ.inch	3 / 8
	Gas Pipe	Φ.inch	5 / 8
Piping Length	Min/ Max	m	50
Piping Height	Max	m	30
Piping Connections	Drain pipe	Φ.mm	ID 18

Accessories

Individual Controllers (Optional)

Others (Optional)



MWR-SH11N



MWR-WE13N



MIM-H03N

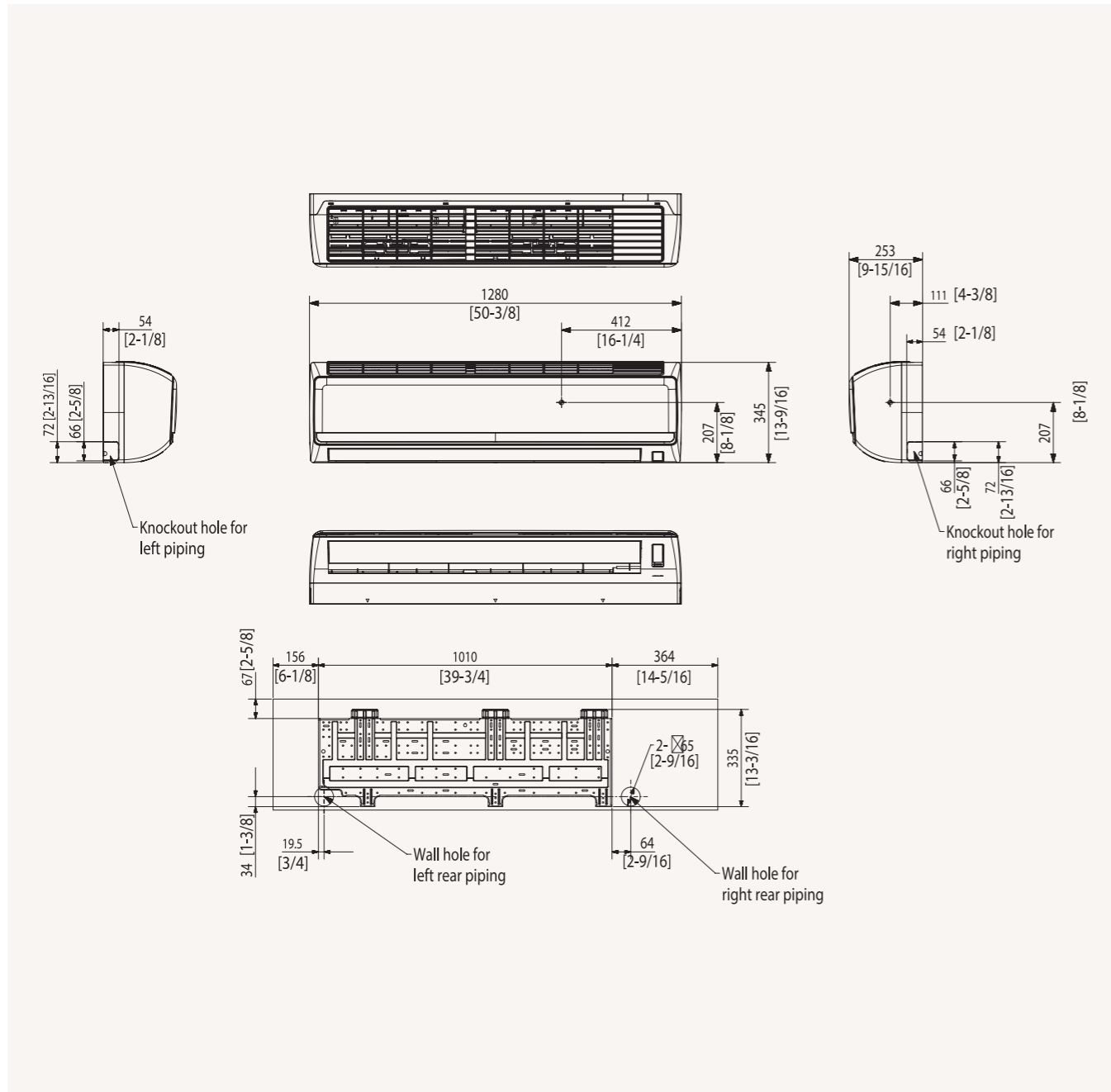


MRW-TA

Dimensional Drawings

Wall-Mounted Max

AC100*NTD**/EU



Specifications



Console R32

- SPI Ionizer device (included).
- Slim design: only 100 mm width.
- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Two separate air outlets, upper (cooling) and bottom (heating) to avoid stratifications.
- Long-life washable permanent filter.
- Auto Restart function.

Indoor Unit			AC026RNJDKG/EU	AC035RNJDKG/EU	AC052RNJDKG/EU
Outdoor Unit- Mono-Phase			AC026RXADKG/EU	AC035RXADKG/EU	AC052RXADKG/EU
Outdoor Unit- Tri-Phase					
Capacity					
	Cooling (Min/Nominal/Max)	kW	1.0 / 2.6 / 3.4	1.0 / 2.6 / 3.4	1.9 / 5.0 / 5.5
	Heating up to +7°C (Min/Nominal/Max)	kW	1.0 / 3.5 / 4.2	1.1 / 4.0 / 4.6	1.5 / 5.6 / 6.5
	Heating @ -5°C	kW	3.4	3.9	5.5
	Heating @ -15°C	kW	3.00	3.5	4.9
Performance					
Energy Efficiency Cooling	SEER	W/W	6.4 / A++	6.1 / A++	5.9 / A+
	Consumption	kWh/a	142	201	297
	Pdesignc	kW	2.6	3.5	5.0
	EER	W/W	3.61	3.12	2.79
Energy Efficiency Heating	SCOP	W/W	4.2 / A+	4.1 / A+	4.0 / A+
	Consumption	kWh/a	667	683	840
	Pdesignh (average)	kW	2.0	2.0	2.4
	COP	W/W	3.3	3.07	3.01
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	7.5 / 6.8 / 6.0	8.5 / 7.2 / 6.2	9.4 / 8.4 / 7.4
Sound Power	Indoor Unit	dB(A)	53	55	60
	Outdoor Unit	dB(A)	59	61	62
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	23 / 26 / 31 / 36	24 / 30 / 34 / 38	32 / 35 / 39 / 43
	Outdoor Unit	dB(A)	46 / 47	48 / 48	48 / 48
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo
	Power	W	37	35	35
	Number	EA	1	1	1
External Static Pressure	Min / Std / Max	Pa			
	Operating Temp. Range	°C	-15 ~ 46	-15 ~ 46	-15 ~ 50
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 46	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data					
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/1/ 2	220-240/ 50/1/ 2	220-240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/1/ 2	220-240/ 50/1/ 2	220-240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #			
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC
	Power (Min/Nominal/Max)	kW	0.23 / 0.72 / 1.20	0.25 / 1.12 / 1.50	0.25 / 1.79 / 2.20
Current Input	Cooling (Min/Std/Max)	A	0.25 / 1.06 / 1.45	0.21 / 1.30 / 1.80	0.25 / 1.86 / 2.50
	Heating (Min/Std/Max)	A	0.25 / 1.86 / 2.50	0.25 / 1.86 / 2.50	2.6 / 8.0 / 10.0
Current Input	Cooling- Tri-Phase (Min/Std/Max)	A	1.3 / 5.0 / 7.0	1.3 / 5.9 / 10.5	2.3 / 8.3 / 14.0
	Heating- Tri-Phase (Min/Std/Max)	A			
Dimensions					
Net Dimensions (W x H x D)	Indoor Unit	mm	720 x 199 x 620	720 x 199 x 620	720 x 199 x 620
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310
Net Weight	Indoor Unit	kg	16,0	16,0	16,0
	Outdoor Unit	kg	32.5	35.5	46.5
Refrigerant					
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)		
	Factory charging	kg	0.9 / 20m	0.9 / 20m	1.2 / 10m
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e	0.81 tCO2e
	Additional refrigerant charging	g / m	-	-	15
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2
Piping Length	Min/ Max	m	3 / 20	3 / 20	3 / 30
Piping Height	Max	m	15	15	20
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18	ID 18

Accessories

Individual Controllers (Optional)

Others (Optional)



MWR-SH11N



MWR-WE13N



MIM-H03N



MRW-TA

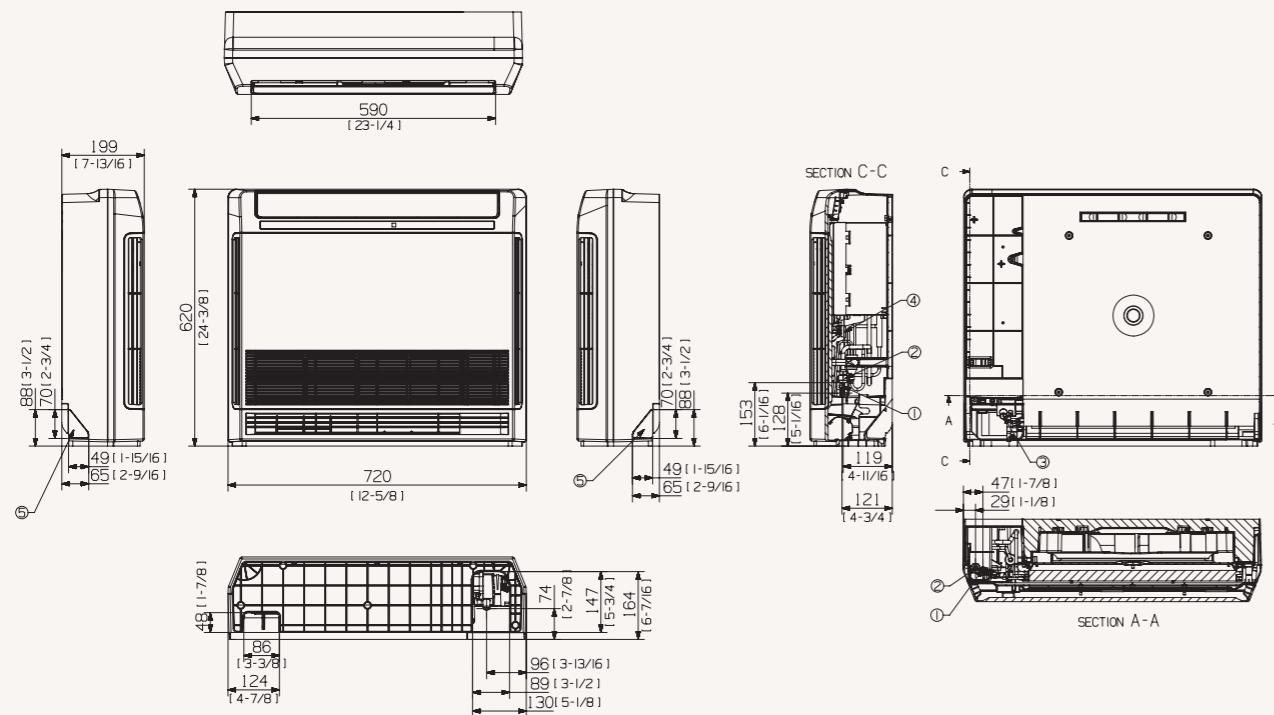
Console (R410A)

Indoor Unit			AC026MNJDKH/EU	AC035MNJDKH/EU	AC052MNJDKH/EU
Outdoor Unit- Mono-Phase			AC026MXADKH/EU	AC035MXADKH/EU	AC052MXADKH/EU
Outdoor Unit- Tri-Phase					
Capacity					
	Cooling (Min/Nominal/Max)	kW	0.98 / 2.60 / 3.40	1.15 / 3.50 / 3.90	1.90 / 5.00 / 5.50
	Heating up to +7°C (Min/Nominal/Max)	kW	0.95 / 3.50 / 4.20	1.05 / 4.00 / 4.60	1.50 / 5.60 / 6.50
	Heating @ -5°C	kW	3.43	3.92	5.49
	Heating @ -15°C	kW	3.05	3.48	4.87
Performance					
Energy Efficiency Cooling	SEER	W/W	6.3 / A++	6.1 / A++	5.9 / A+
	Consumption	kWh/a	144	201	297
	Pdesignc	kW	2.6	3.5	5.0
	EER	W/W	3.71	3.21	2.86
Energy Efficiency Heating	SCOP	W/W	4.6 / A++	4.3 / A+	3.8 / A
	Consumption	kWh/a	670	716	1032
	Pdesignh (average)	kW	2.2	2.2	2.8
	COP	W/W	3.5	3.31	3.24
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	29.0	30.0	40.0
Sound Power	Indoor Unit	dB(A)	53	55	60
	Outdoor Unit	dB(A)	59	61	62
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	23 / 26 / 31 / 36	24 / 30 / 34 / 38	25 / 35 / 39 / 43
	Outdoor Unit	dB(A)	46 / 47	48 / 48	48 / 48
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo
	Power	W	37	35	35
	Number	EA	1	1	1
External Static Pressure	Min / Std / Max	Pa			
	Operating Temp. Range	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data					
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/1/ 2	220-240/ 50/1/ 2	220-240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/1/ 2	220-240/ 50/1/ 2	220-240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #			
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC
	Power (Min/Nominal/Max)	kW	0.23 / 0.70 / 1.20	0.25 / 1.09 / 1.50	0.25 / 1.75 / 2.20
Current Input	Cooling (Min/Std/Max)	A	0.21 / 1.00 / 1.45	0.21 / 1.21 / 1.80	0.25 / 1.73 / 2.50
	Heating (Min/Std/Max)	A	0.21 / 1.00 / 1.45	0.21 / 1.21 / 1.80	0.25 / 1.73 / 2.50
Current Input	Cooling- Tri-Phase (Min/Std/Max)	A	1.6 / 4.0 / 5.5	1.6 / 5.6 / 7.5	2.6 / 7.9 / 10.0
	Heating- Tri-Phase (Min/Std/Max)	A	1.3 / 5.0 / 7.0	1.3 / 5.9 / 10.5	2.3 / 7.9 / 14.0
Dimensions					
Net Dimensions (W x H x D)	Indoor Unit	mm	720 x 199 x 620	720 x 199 x 620	720 x 199 x 620
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310
Net Weight	Indoor Unit	kg	16,0	16,0	16,2
	Outdoor Unit	kg	32.8	32.8	43.8
Refrigerant					
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2088)		
	Factory charging	kg	1.05 / 20m	1.05 / 20m	1.30 / 5m
	Charging Ton equivalent CO2	tCO2e	2.19 tCO2e	2.19 tCO2e	2.71 tCO2e
	Additional refrigerant charging	g / m	-	-	10
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2
Piping Length	Min/ Max	m	20	20	30
Piping Height	Max	m	15	15	20
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18	ID 18

Dimensional Drawings

Console

AC026/035/052*NJDK*/EU



Pos.	Name	Model	
		AC026*NJDK*/EU	AC035*NJDK*/EU AC052*NJDK*/EU
1	Liquid piping	ø 6,35 mm (1/4")	
2	Gas piping	ø 9,52mm (3/8")	ø 12,7 mm (1/2")
3	Condensation drain piping	ID18mm [11/16"] Hose	
4	Power supply cables connection / communication	-	
5	Condensation drain piping	-	



Specifications



Ceiling R32 NEW

- Vertical or horizontal installation.
- Air supply by means of one adjustable blade; Blade angle between 4° and 45°.
- Reduced noise thanks to the remotely controlled EEV valve.
- Long-life washable HD 40 permanent filter is included.

Indoor Unit			AC052RNCCKG/EU	AC071RNCCKG/EU
Outdoor Unit- Mono-Phase			AC052RXADCKG/EU	AC071RXADCKG/EU
Outdoor Unit- Tri-Phase				
Capacity				
	Cooling (Min/Nominal/Max)	kW	1.20 / 5.00 / 6.50	1.50 / 7.10 / 8.70
	Heating up to +7°C (Min/Nominal/Max)	kW	1.70 / 6.00 / 7.70	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	5.9	7.8
	Heating @ -15°C	kW	5.2	7.00
Performance				
Energy Efficiency Cooling	SEER	W/W	6.1 / A++	5.6 / A+
	Consumption	kWh/a	273	444
	Pdesignc	kW	5.0	7.1
	EER	W/W	3.05	2.42
Energy Efficiency Heating	SCOP	W/W	3.9 / A	3.9 / A
	Consumption	kWh/a	862	1256
	Pdesignh (average)	kW	2.4	3.5
	COP	W/W	3.37	2.74
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	12.6 / 11.3 / 10.0	15.2 / 14.1 / 13.1
Sound Power	Indoor Unit	dB(A)	60	64
	Outdoor Unit	dB(A)	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	36 / 39 / 41	42 / 44 / 46
	Outdoor Unit	dB(A)	48 / 48	49 / 51
Fan/ Outdoor unit	Type		Sirroco	Sirroco
	Power	W	40	40
	Number	EA	2	2
External Static Pressure	Min / Std / Max	Pa		
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24
Electrical Data				
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #		
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.48 / 1.58 / 1.90	0.35 / 2.87 / 3.60
	Heating	kW	0.43 / 1.92 / 3.05	0.35 / 3.05 / 3.95
Current Input	Cooling (Min/Std/Max)	A	2.8 / 7.2 / 9.0	2.0 / 12.4 / 16.0
	Heating (Min/Std/Max)	A	2.4 / 8.5 / 14.5	2.0 / 13.2 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A		
	Heating- Tri-Phase (Min/Std/Max)	A		
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	1000 x 200 x 650	1000 x 200 x 650
	Outdoor Unit	mm	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	20,0	20,0
	Outdoor Unit	kg	43,0	51,0
Refrigerant				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Factory charging	kg	1.2 / 10m	1.7 / 15m
	Charging Ton equivalent CO2	tCO2e	0.81 tCO2e	1.15 tCO2e
	Additional refrigerant charging	g / m	15	25
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4
	Gas Pipe	Φ.inch	1 / 2	5 / 8
Piping Length	Min/ Max	m	3 / 30	3 / 50
Piping Height	Max	m	20	30
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18

Accessories

Individual Controllers (Optional)

Others (Optional)



MWR-SH11N



MWR-WE13N



MIM-H03N



MRW-TA

Ceiling (R410A)

Indoor Unit			AC052MNCCKH/EU	AC071MNCCKH/EU
Outdoor Unit- Mono-Phase			AC052MXADCKH/EU	AC071MXADCKH/EU
Outdoor Unit- Tri-Phase				
Capacity				
	Cooling (Min/Nominal/Max)	kW	1.70 / 5.00 / 5.60	2.20 / 7.10 / 8.00
	Heating up to +7°C (Min/Nominal/Max)	kW	1.70 / 6.00 / 7.70	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	5.88	7.84
	Heating @ -15°C	kW	5.22	6.96
Performance				
Energy Efficiency Cooling	SEER	W/W	6.1 / A++	5.6 / A+
	Consumption	kWh/a	287	444
	Pdesignc	kW	5,0	7,1
	EER	W/W	3.05	2.42
Energy Efficiency Heating	SCOP	W/W	3.9 / A	3.9 / A
	Consumption	kWh/a	862	1256
	Pdesignh (average)	kW	2.4	3.5
	COP	W/W	3.37	2.74
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	12.6 / 11.3 / 10.0	15.2 / 14.1 / 13.1
Sound Power	Indoor Unit	dB(A)	60	64
	Outdoor Unit	dB(A)	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	36 / 39 / 41	42 / 44 / 46
	Outdoor Unit	dB(A)	48 / 48	49 / 51
Fan/ Outdoor unit	Type		Sirroco	Sirroco
	Power	W	40	40
	Number	EA	2	2
External Static Pressure	Min / Std / Max	Pa		
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24
Electrical Data				
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #		
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC
Power (Min/ Nominal/Max)	Cooling	kW	0.48 / 1.64 / 1.90	0.35 / 2.93 / 3.95
	Heating	kW	0.43 / 1.78 / 3.05	0.35 / 2.92 / 3.95
Current Input	Cooling (Min/Std/Max)	A	2.8 / 7.4 / 9.0	2.0 / 12.8 / 17.0
	Heating (Min/Std/Max)	A	2.4 / 7.9 / 14.5	2.0 / 12.8 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A		
	Heating- Tri-Phase (Min/Std/Max)	A		
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	1000 x 200 x 650	1000 x 200 x 650
	Outdoor Unit	mm	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	20,0	20,0
	Outdoor Unit	kg	43.8	53,0
Refrigerant				
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)	
	Factory charging	kg	1.30 / 5m	1.50 / 5
	Charging Ton equivalent CO2	tCO2e	2.71 tCO2e	3.13 tCO2e
	Additional refrigerant charging	g / m	10	20
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4
	Gas Pipe	Φ.inch	1 / 2	5 / 8
Piping Length	Min/ Max	m	30	50
Piping Height	Max	m	20	30
Piping Connections	Drain pipe	Φ.mm	ID 18	ID 18

Specifications



Big Ceiling (R32) NEW

- Vertical or horizontal installation.
- Air supply by means of one adjustable blade; Blade angle between 4° and 45°.

- Reduced noise thanks to the remotely controlled EEV valve.
- Long-life washable HD 40 permanent filter is included.

Indoor Unit			AC100RNCDKG/EU	AC120RNCDKG/EU	AC140RNCDKG/EU
Outdoor Unit- Mono-Phase			AC100RXADKG/EU	AC120RXADKG/EU	AC140RXADKG/EU
Outdoor Unit- Tri-Phase			AC100RXADNG/EU	AC120RXADNG/EU	AC140RXADNG/EU
Capacity					
	Cooling (Min/Nominal/Max)	kW	3.0 / 10.0 / 12.0	3.0 / 12.0 / 13.5	3.5 / 13.4 / 15.5
	Heating up to +7°C (Min/Nominal/Max)	kW	3.0 / 12.0 / 13.5	3.0 / 12.0 / 13.5	3.5 / 15.5 / 18.0
	Heating @ -5°C	kW	11.0	12.9	15.2
	Heating @ -15°C	kW	9.7	11.5	13.5
Performance					
Energy Efficiency Cooling	SEER	W/W	6.1 / A++	5.9 / A+	6.1
	Consumption	kWh/a	574	TBD	-
	Pdesignc	kW	10.0	TBD	-
	EER	W/W	3.05	2.76	2.97
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	4.0
	Consumption	kWh/a	1820	TBD	-
	Pdesignh (average)	kW	5.2	6.5	-
	COP	W/W	3.44	3.44	3.41
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	26.0 / 23.0 / 19.0	26.0 / 23.0 / 19.0	30.0 / 24.0 / 20.0
Sound Power	Indoor Unit	dB(A)	60	62	64
	Outdoor Unit	dB(A)	69	70	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	34 / 38 / 42	37 / 41 / 44	38 / 42 / 48
	Outdoor Unit	dB(A)	52 / 54	54 / 56	53 / 54
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco
	Power	W	244	244	244
	Number	EA	4	4	4
External Static Pressure	Min / Std / Max	Pa			
	Operating Temp. Range	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data					
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC
	Power (Min/ Nominal/Max)	kW	0.60 / 3.28 / 4.70	0.90 / 4.35 / 5.30	0.80 / 4.50 / 6.45
Current Input	Cooling (Min/Std/Max)	A	3.0 / 14.6 / 20.4	5.1 / 19.1 / 24.0	3.7 / 19.7 / 28.0
	Heating (Min/Std/Max)	A	2.5 / 14.2 / 23.0	3.9 / 17.0 / 26.0	3.5 / 19.8 / 32.0
Dimensions	Cooling- Tri-Phase (Min/Std/Max)	A	1.5 / 5.0 / 7.1	1.7 / 6.6 / 10.0	2.1 / 7.0 / 10.5
	Heating- Tri-Phase (Min/Std/Max)	A	1.2 / 5.1 / 8.4	1.5 / 6.2 / 12.0	1.9 / 7.0 / 12.0
Net Dimensions (W x H x D)	Indoor Unit	mm	1650 x 235 x 675	1650 x 235 x 675	1650 x 235 x 675
	Outdoor Unit	mm	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330
Net Weight	Indoor Unit	kg	42.0	42.0	41.5
	Outdoor Unit	kg	75.0	81.0	91.5
Refrigerant					
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)		
	Factory charging	kg	2.7 / 30m	2.7 / 30m	2.9 / 30m
	Charging Ton equivalent CO2	tCO2e	1.82 tCO2e	1.82 tCO2e	1.96 tCO2e
	Additional refrigerant charging	g / m	50	50	50
Piping Connections	Liquid Pipe	Φ.inch	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	50	50	75
Piping Height	Max	m	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)

Accessories

Individual Controllers (Optional)

Others (Optional)



MWR-SH11N



MWR-WE13N



MIM-H03N



MRW-TA

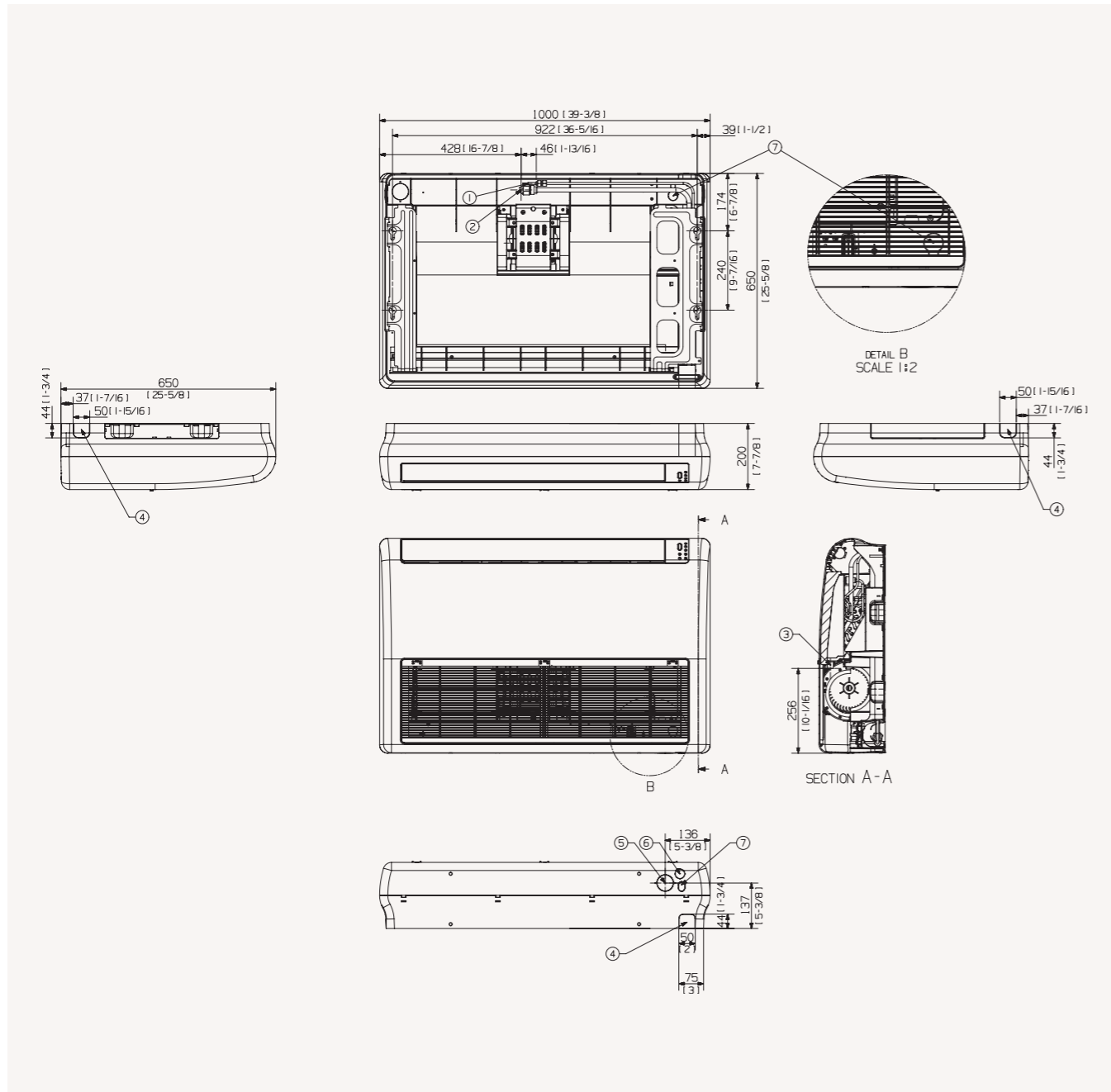
Big Ceiling (R410A)

Indoor Unit			AC100MNC DKH/EU	AC120MNC DKH/EU	AC140MNC DKH/EU	AC160JNC DEH/EU
Outdoor Unit- Mono-Phase			AC100MXADKH/EU	AC120MXADKH/EU	AC140MXADKH/EU	-
Outdoor Unit- Tri-Phase			AC100MXADNH/EU	AC120MXADNH/EU	AC140MXADNH/EU	AC160JXADGH/EU
Capacity						
	Cooling (Min/Nominal/Max)	kW	3.00 / 10.00 / 12.00	3.50 / 12.00 / 13.50	3.50 / 13.40 / 15.50	4.30 / 15.00 / 17.30
	Heating up to +7°C (Min/Nominal/Max)	kW	2.20 / 11.20 / 15.50	3.80 / 13.00 / 16.50	3.50 / 15.50 / 18.00	4.70 / 17.50 / 19.00
	Heating @ -5°C	kW	10.98	12.74	15.19	-
	Heating @ -15°C	kW	9.74	11.31	13.49	-
Performance						
Energy Efficiency Cooling	SEER	W/W	5.8 / A+	5.7 / A+	-	-
	Consumption	kWh/a	603	737	-	-
	Pdesignc	kW	10.0	12.0	-	-
	EER	W/W	2.94	2.61	3.01	2.84
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.1 / A+	-	-
	Consumption	kWh/a	1820	2527	-	-
	Pdesignh (average)	kW	5.2	7.4	-	-
	COP	W/W	3.5	3.42	3.41	3.6
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	26.0 / 23.0 / 19.0	30.0 / 24.0 / 20.0	34.0 / 27.0 / 23.0	37.00 / 31.00 / 26.00
Sound Power	Indoor Unit	dB(A)	60	62	64	68
	Outdoor Unit	dB(A)	69	70	69	-
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	34 / 38 / 42	37 / 41 / 44	38 / 42 / 46	44 / 47 / 51
	Outdoor Unit	dB(A)	52 / 54	54 / 56	53 / 54	56.0 / 58.0
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco	Sirocco
	Power	W	244	244	244	244
	Number	EA	4	4	4	4
External Static Pressure	Min / Std / Max	Pa				
	Operating Temp. Range	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4	380-415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC	Twin BLDC	Twin BLDC
	Power (Min/ Nominal/Max)	kW	0.60 / 3.40 / 4.70	0.90 / 4.60 / 5.50	0.80 / 4.45 / 6.44	0.90 / 5.28 / 6.40
Current Input	Cooling (Min/Std/Max)	A	3.0 / 14.6 / 20.4	5.1 / 20.4 / 23.5	3.7 / 20.0 / 28.0	-
	Heating (Min/Std/Max)	A	2.5 / 14.2 / 23.0	3.9 / 17.1 / 22.8	3.5 / 19.5 / 32.0	-
Dimensions	Cooling- Tri-Phase (Min/Std/Max)	A	1.50 / 5.30 / 7.10	1.70 / 7.20 / 9.50	2.10 / 7.00 / 12.00	1.70 / 8.20 / 9.80
	Heating- Tri-Phase (Min/Std/Max)	A	1.20 / 4.90 / 8.40	1.50 / 5.90 / 9.10	1.90 / 7.00 / 12.00	1.70 / 7.50 / 10.00
Net Dimensions (W x H x D)	Indoor Unit	mm	1650 x 235 x 675	1650 x 235 x 675	1650 x 235 x 675	1650 x 235 x 675
	Outdoor Unit	mm	940 x 998 x 330	940 x 998 x 330	940 x 1210 x 330	940 x 1420 x 330
Net Weight	Indoor Unit	kg	41.4	41.4	41.4	42.0
	Outdoor Unit	kg	72.0	77.0	87.0	96.0
Refrigerant						
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)			
	Factory charging	kg	3.0	3.0	3.4	3.5
	Charging Ton equivalent CO2	tCO2e	6.26 tCO2e	6.26 tCO2e	7.1 tCO2e	7.31 tCO2e
	Additional refrigerant charging	g / m	50	50	50	50
Piping Connections	Liquid Pipe	Φ.inch	3 / 8	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	5 / 8	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	50	50	75	75
Piping Height	Max	m	30	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	VP25 (OD 32.ID 25)	OD 25 / ID 20

Dimensional Drawings

Ceiling

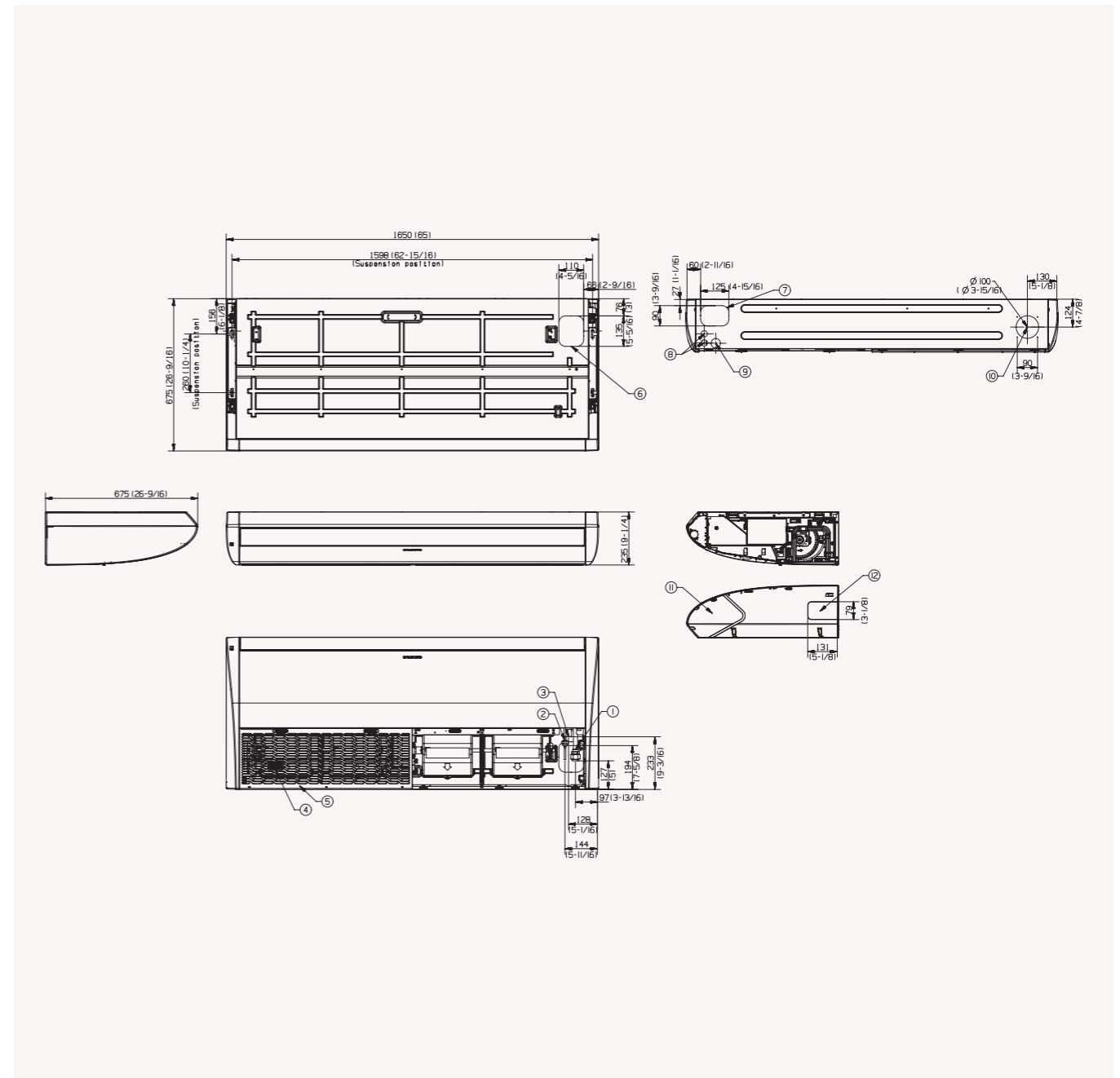
AC052/071*NCDK*/EU



Pos.	Name	Model	
		AC052MNC DKH/EU	AC071MNC DKH/EU
1	Liquid piping		ø 6,35 mm (1/4")
2	Gas piping	ø 12,7 mm (1/2")	ø 15,88 mm (5/8")
3	Condensation drain piping	ID18mm [11/16"] Hose	
4	Piping connection	-	
5	Connection for external air	ø 50 [2]	
6	Connection of the condensation drain pipe	-	
7	Connection of the communication cables	-	

Big Ceiling

AC100/120/140*NCDK*/EU / AC160JNCDEH/EU



No.	Name	Description
1	Liquid pipe connection	Φ9.52(3/8)
2	Gas pipe connection	Φ15.88(5/8)
3	Drain pipe connection	VP-25(OD32, ID25)
4	Air filter	
5	Air suction grille	
6	Knockout hole for piping (upper)	

No.	Name	Description
7	Knockout hole for piping (rear)	Φ28 [1-1/8]
8	Conduit Hole	Φ42 [1-5/16]
9	Knockout hole for drain hose	
10	Knockout hole for Fresh air intake	
11	Cover side	
12	Knockout hole for piping (side)	

Specifications



Floor-Standing (R410A)

- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- 'Silent' operation (Sound pressure at low fan speed: 30 - 32 dBA).
- Long-life washable permanent filter.
- Auto Restart function.

Indoor Unit		AC100KNPDEH/EU	AC140KNPDEH/EU
Outdoor Unit- Mono-Phase		AC100KXADEH/EU	-
Outdoor Unit- Tri-Phase		-	AC140KXADGH/EU
Capacity			
	Cooling (Min/Nominal/Max)	kW	3.5 / 10.0 / 12.3
	Heating up to +7°C (Min/Nominal/Max)	kW	4.2 / 11.2 / 14.0
	Heating @ -5°C	kW	11.00
	Heating @ -15°C	kW	9.6
Performance			
Energy Efficiency	SEER	W/W	5.8 / A+
Cooling	Consumption	kWh/a	603
	Pdesignc	kW	10.0
	EER	W/W	2.7
Energy Efficiency	SCOP	W/W	4.1 / A+
	Consumption	kWh/a	1810
	Pdesignh (average)	kW	5.3
Heating	COP	W/W	3.3
	COP	W/W	3.44
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	29.0
Sound Power	Indoor Unit	dB(A)	60
	Outdoor Unit	dB(A)	70
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	41 / 44 / 47
	Outdoor Unit	dB(A)	53 / 55
Fan/ Outdoor unit	Type		Sirocco
	Power	W	97
	Number	EA	1
External Static Pressure	Min / Std / Max	Pa	
Operating Temp. Range	Cooling	°C	-15 ~ 50
	Heating	°C	-20 ~ 24
Electrical Data			
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	3.4.380-415.50
Compressor Type	Outdoor Unit	Type	Twin BLDC Rotary
Power (Min/Nominal/Max)	Cooling	kW	1.10 / 3.70 / 4.90
	Heating	kW	0.90 / 3.39 / 4.50
Current Input	Cooling (Min/Std/Max)	A	4.3 / 16.4 / 23.2
	Heating (Min/Std/Max)	A	1.9 / 6.8 / 9.5
	Cooling- Tri-Phase (Min/Std/Max)	A	4.1 / 14.9 / 20.5
	Heating- Tri-Phase (Min/Std/Max)	A	1.4 / 6.7 / 10.7
Dimensions			
Net Dimensions (W x H x D)	Indoor Unit	mm	610 x 1850 x 400
	Outdoor Unit	mm	940 x 998 x 330
Net Weight	Indoor Unit	kg	42.0
	Outdoor Unit	kg	72.0
Refrigerant			
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)
	Factory charging	kg	3
	Charging Ton equivalent CO2	tCO2e	6.26 tCO2e
	Additional refrigerant charging	g / m	50
Piping Connections	Liquid Pipe	Φ.inch	3 / 8
	Gas Pipe	Φ.inch	5 / 8
Piping Length	Min/ Max	m	50 / 75
Piping Height	Max	m	30
Piping Connections	Drain pipe	Φ.mm	VP18

Accessories

Individual Controllers (Optional)

Others (Optional)

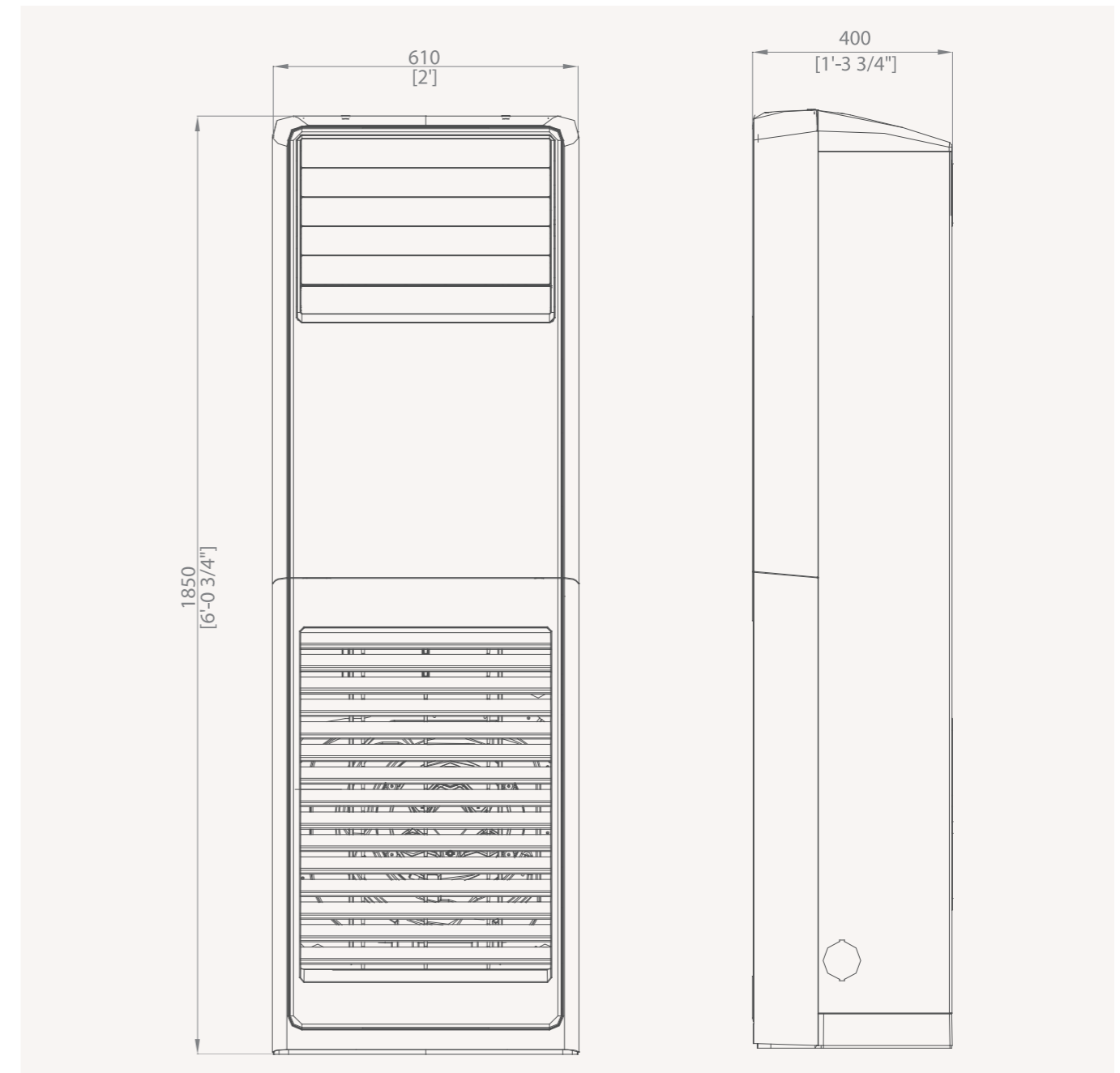


MWR-SH11N MWR-WE13N MIM-H03N MRW-TA

Dimensional Drawings

Floor-Standing

AC100KNPDEH/EU, AC140KNPDEH/EU



Pos.	Name	Description
1	Gas piping refrigerant	ø 15,88mm (5/8")
2	Liquid piping refrigerant	ø 9,52mm (3/8")
3	Condensation drain piping	-

Specifications



4-Way Cassette (R410A High Efficiency)

Indoor Unit			AC071JN4CEH/EU	AC100JN4CEH/EU	AC125JN4CEH/EU
Outdoor Unit- Mono-Phase			AC071JXSCEH/EU	AC100JXSCEH/EU	-
Outdoor Unit- Tri-Phase			-	AC100JXSCGH/EU	AC125JXSCGH/EU
Capacity					
	Cooling (Min/Nominal/Max)	kW	1.7 / 7.10 / 8.50	2.2 / 10.00 / 12.00	2.2 / 12.50 / 14.00
	Heating up to +7°C (Min/Nominal/Max)	kW	3.00 / 8.00 / 11.00	3.30 / 11.20 / 17.00	3.30 / 14.00 / 19.00
Performance					
Energy Efficiency	SEER	W/W	6.7 / A++	7.0 / A++	-
Cooling	Consumption	kWh/a	371	500	-
	Pdesignc	kW	7.1	10.0	-
	EER	W/W	3.94	3.65	3.21
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.1 / A+	-
	Consumption	kWh/a	2414	2494	-
	Pdesignh (average)	kW	6.9	7.3	-
	COP	W/W	4.02	4.01	3.71
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	19.50 / 17.50 / 15.50	30.0 / 24.0 / 18.90	30.0 / 24.0 / 18.90
Sound Power	Indoor Unit	dB(A)	53	59	60
	Outdoor Unit	dB(A)	65	66	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	30 / 33 / 36	33 / 38 / 43	34 / 39 / 44
	Outdoor Unit	dB(A)	49 / 49	50 / 50	52 / 52
Fan/ Outdoor unit	Type		Turbo	Turbo	Turbo
	Power	W	97	97	97
	Number	EA	1	1	1
External Static Pressure	Min / Std / Max	Pa			
Operating Temp. Range	Cooling	°C	-20 ~ 50	-20 ~ 50	-20 ~ 50
	Heating	°C	-25 ~ 24	-25 ~ 24	-25 ~ 24
Electrical Data					
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Power (Min/Nominal/Max)	Cooling	kW	0.71 / 1.80 / 2.20	0.74 / 2.74 / 3.54	0.74 / 3.89 / 4.25
	Heating	kW	0.68 / 1.99 / 5.08	0.68 / 2.79 / 6.90	0.68 / 3.77 / 7.20
Current Input	Cooling (Min/Std/Max)	A	3.60 / 8.10 / 10.0	3.60 / 12.0 / 15.60	
	Heating (Min/Std/Max)	A	3.40 / 9.00 / 22.0	3.30 / 12.4 / 30.0	
	Cooling- Tri-Phase (Min/Std/Max)	A		1.40 / 4.40 / 5.50	1.40 / 6.00 / 6.60
	Heating- Tri-Phase (Min/Std/Max)	A		1.30 / 4.50 / 11.0	1.30 / 6.00 / 11.00
Dimensions					
Net Dimensions (W x H x D)	Indoor Unit	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
	Outdoor Unit	mm	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330
Net Weight	Indoor Unit	kg	18.0	20.0	20.0
	Outdoor Unit	kg	96.0	96.0	96.0
Refrigerant					
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)		
	Factory charging	kg	2.90	2.90	2.90
	Charging Ton equivalent CO2	tCO2e	6.06 tCO2e	6.06 tCO2e	6.06 tCO2e
	Additional refrigerant charging	g / m	20	50	50
Piping Connections	Liquid Pipe	Φ.inch	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	75	75	75
Piping Height	Max	m	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others					
Panel	Model code		PC4NUSKAN	PC4NUSKAN	PC4NUSKAN
	Net Dimensions (W x H x D)	mm	950 x 45 x 950	950 x 45 x 950	950 x 45 x 950
	Net Weight	kg	5.9	5.9	5.9
Accessoires	Drain pump		included	included	included
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24

- Four-way air supply via independently adjustable blades
- Adjustable blade angle between 35° and 63°.
- Built-in condensation drain pump (750 mmH2O).

- Compatible with Wi-Fi Kit controller.
- SPI Air Ionizer device (optional).
- Motion Sensor (optional).

Accessories					
Individual Controllers (Optional)			Panel (Mandatory)		Others
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	PC4NUSKAN	MIM-H03N

Specifications









Mini 4-Way Cassette (R410A High Efficiency)

Indoor Unit			AC026JNNCEH/EU	AC035JNNCEH/EU
Outdoor Unit- Mono-Phase			AC026JXSCEH/EU	AC035JXSCEH/EU
Outdoor Unit- Tri-Phase			-	-
Capacity				
	Cooling (Min/Nominal/Max)	kW	0.85 / 2.60 / 3.50	0.90 / 3.50 / 4.20
	Heating up to +7°C (Min/Nominal/Max)	kW	0.80 / 3.40 / 5.10	0.80 / 4.30 / 5.80
Performance				
Energy Efficiency	SEER	W/W	7.9 / A++	7.6 / A++
Cooling	Consumption	kWh/a	115	161
	Pdesignc	kW	2.6	3.5
	EER	W/W	4.06	3.72
Energy Efficiency Heating	SCOP	W/W	4.6 / A++	4.5 / A+
	Consumption	kWh/a	761	809
	Pdesignh (average)	kW	2.5	2.6
	COP	W/W	4.1	3.64
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	8.00 / 7.10 / 6.30	9.3 / 8.00 / 6.70
Sound Power	Indoor Unit	dB(A)	48	51
	Outdoor Unit	dB(A)	59	62
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	25 / 29 / 32	26 / 30 / 34
	Outdoor Unit	dB(A)	46 / 47	47 / 48
Fan/ Outdoor unit	Type		Turbo	Turbo
	Power	W	65	65
	Number	EA	1	1
External Static Pressure	Min / Std / Max	Pa		
Operating Temp. Range	Cooling	°C	-20 ~ 50	-20 ~ 50
	Heating	°C	-25 ~ 24	-25 ~ 24
Electrical Data				
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	-
Compressor Type	Outdoor Unit	Type	BLDC Rotary	BLDC Rotary
Power (Min/Nominal/Max)	Cooling	kW	0.24 / 0.64 / 0.89	0.19/ 0.94 / 1.26
	Heating	kW	0.16/ 0.83 / 1.50	0.16 / 1.18 / 1.65
Current Input	Cooling (Min/Std/Max)	A	1.30 / 3.10 / 4.20	1.30 / 4.40 / 5.80
	Heating (Min/Std/Max)	A	1.10 / 3.90 / 6.00	1.10 / 5.40 / 7.00
	Cooling- Tri-Phase (Min/Std/Max)	A	-	-
	Heating- Tri-Phase (Min/Std/Max)	A	-	-
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	575 x 250 x 575	575 x 250 x 575
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285
Net Weight	Indoor Unit	kg	12.0	12.0
	Outdoor Unit	kg	35.0	35.0
Refrigerant				
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)	
	Factory charging	kg	1.27	1.27
	Charging Ton equivalent CO2	tCO2e	2.65 tCO2e	2.65 tCO2e
	Additional refrigerant charging	g / m	-	-
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8
Piping Length	Min/ Max	m	20	20
Piping Height	Max	m	15	15
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others				
Panel	Model code		PC4SUSMAN / PC4SUSMEN	PC4SUSMAN / PC4SUSMEN
	Net Dimensions (W x H x D)	mm	670 x 45 x 670	670 x 45 x 670
	Net Weight	kg	2.7	2.7
Accessoires	Drain pump		included	included
	Max lifting height/ displacement	mm / l/h	750/24	750/24

- Four-way air supply via independently adjustable blades
- Adjustable blade angle between 35° and 63°.
- Built-in condensation drain pump (750 mmH2O).

- Compatible with Wi-Fi Kit controller.
- SPI Air Ionizer device (optional).
- Motion Sensor (optional).

Accessories					
Individual Controllers (Optional)			Panel (Mandatory)		Others
					
AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WE13N	PC4SUSMAN PC4SUSMEN	MIM-H03N

Specifications



Duct - MSP Duct (R410A High Efficiency)

		Indoor Unit	AC035JNMCEH/EU	AC071JNMCEH/EU	AC100JNMCEH/EU	AC125JNMCEH/EU
		Outdoor Unit- Mono-Phase	AC035JXSCEH/EU	AC071JXSCEH/EU	AC100JXSCEH/EU	-
		Outdoor Unit- Tri-Phase	-	-	AC100JXSCGH/EU	AC125JXSCGH/EU
Capacity						
	Cooling (Min/Nominal/Max)	kW	0.90 / 3.50 / 4.20	3.00 / 7.10 / 8.50	3.50 / 10.00 / 12.00	3.50 / 12.50 / 14.00
	Heating up to +7°C (Min/Nominal/Max)	kW	0.80 / 4.30 / 5.80	3.00 / 8.00 / 11.00	3.70 / 11.20 / 17.0	3.70 / 14.00 / 19.00
Performance						
Energy Efficiency Cooling	SEER	W/W	6.5 / A++	6.1 / A++	6.7 / A++	-
	Consumption	kWh/a	188	407	522	-
	Pdesignc	kW	3.5	7.1	10.0	-
Energy Efficiency Heating	EER	W/W	3.72	3.7	3.65	3.3
	SCOP	W/W	4.4 / A+	4.0 / A+	4.1 / A+	-
	Consumption	kWh/a	764	2414	2765	-
	Pdesignh (average)	kW	2.4	6.9	8.1	-
	COP	W/W	3.64	3.9	4.26/ 4.53	3.91
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	12.90 / 11.00 / 9.50	21.0 / 18.50 / 16.50	36.1 / 29.30 / 24.0	38.6 / 33.0 / 26.2
Sound Power	Indoor Unit	dB(A)	56	56	61	63
	Outdoor Unit	dB(A)	62	65	66	69
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	25 / 28 / 31	25 / 29 / 33	28 / 33 / 37	31 / 35 / 39
	Outdoor Unit	dB(A)	47 / 48	49 / 49	50 / 50	52 / 52
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco	Sirocco
	Power	W	153	153	244	244
	Number	EA	1	1	1	1
External Static Pressure	Min / Std / Max	Pa	0 / 24.5 / 147	0 / 29.4 / 147	0 / 39.2 / 147	0 / 50.96 / 147
	Operating Temp. Range	°C	-20 ~ 50	-20 ~ 50	-20 ~ 50	-20 ~ 50
	Heating	°C	-25 ~ 24	-25 ~ 24	-25 ~ 24	-25 ~ 24
Electrical Data						
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2	220~240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	-	-	380~415/ 50/ 3/ 4	380~415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Power (Min/Nominal/Max)	Cooling	kW	0.19 / 0.94 / 1.26	0.86/1.92 / 2.20	0.95 / 2.74 / 3.54	0.95 / 3.79 / 4.60
	Heating	kW	0.16 / 1.18 / 1.65	0.71 / 2.05 / 4.10	0.81 / 2.47 / 6.90	0.81 / 3.58 / 7.20
Current Input	Cooling (Min/Std/Max)	A	1.30 / 4.7 / 6.1	4.30 / 8.7 / 10.0	4.20 / 12.0 / 15.6	-
	Heating (Min/Std/Max)	A	1.15 / 5.4 / 7.0	3.60 / 9.30 / 18.00	4.30 / 11.8 / 30.0	-
	Cooling- Tri-Phase (Min/Std/Max)	A	-	-	1.90 / 4.40 / 5.50	1.40 / 6.00 / 7.00
	Heating- Tri-Phase (Min/Std/Max)	A	-	-	1.70 / 4.30 / 10.50	1.70 / 5.60 / 11.00
Dimensions						
Net Dimensions (W x H x D)	Indoor Unit	mm	850 x 250 x 700	1200x 250 x 700	1300 x 300 x 700	1300 x 300 x 700
	Outdoor Unit	mm	790 x 548 x 285	940 x 1420 x 330	940 x 1420 x 330	940 x 1420 x 330
Net Weight	Indoor Unit	kg	25.0	32.0	36.0	36.0
	Outdoor Unit	kg	35.0	96.0	96.0	96.0
Refrigerant						
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)			
	Factory charging	kg	1.27	2.90	2.90	2.90
	Charging Ton equivalent CO2	tCO2e	2.65 tCO2e	6.06 tCO2e	6.06 tCO2e	6.06 tCO2e
	Additional refrigerant charging	g / m	-	20	50	50
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	3 / 8	3 / 8	3 / 8
	Gas Pipe	Φ.inch	3 / 8	5 / 8	5 / 8	5 / 8
Piping Length	Min/ Max	m	20	75	75	75
Piping Height	Max	m	30	30	30	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
Others						
Panel	Model code					
	Net Dimensions (W x H x D)	mm				
	Net Weight	kg				
Accessoires	Drain pump		MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ	MDP-G075SP MDP-G075SQ
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- External static pressure range from 0 to 14 mmAq.
- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Long-life washable permanent filter is included.
- Auto Restart function.
- Built-in condensation drain pump (750 mmH2O).
- SPI Ionizer device (optional).

Accessories							
Drain pump (Included)		Individual Controllers (Optional)			Others (Optional)		
	MDP-E075S-EE3D		MDP-N047SNC1D		AR-EH03E (to be matched with MRK-A10N)		MWR-SH11N
			MWR-WE13N		MIM-H03N		MRK-A10N (to be matched with AR-EH03E)
			MRW-TA				





Specifications



- Full HD Filter
- Wi-Fi Kit (Optional)

Wall-Mounted Max (R410A High Efficiency)

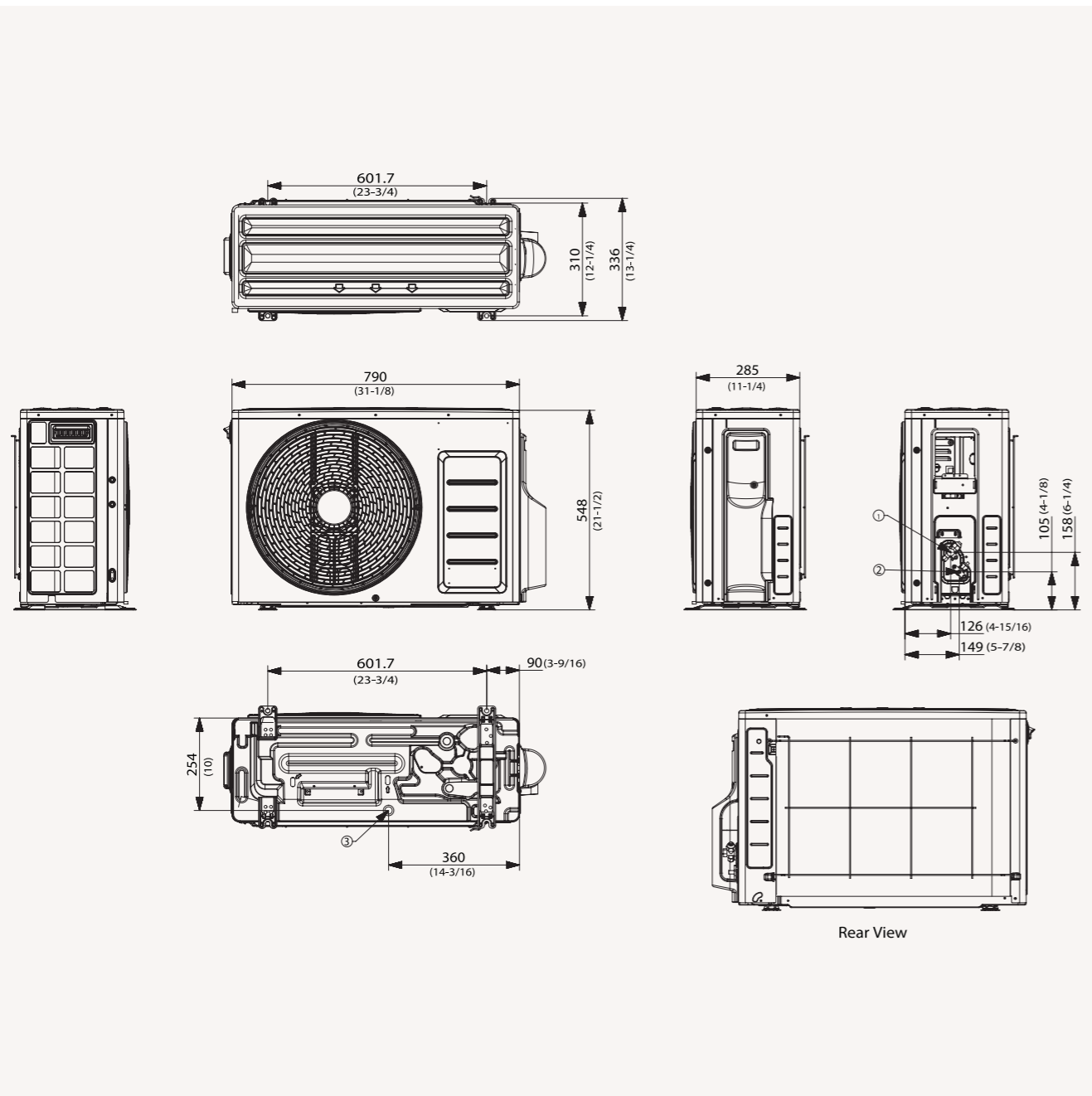
Indoor Unit		AC100MNTCEH/EU	
Outdoor Unit- Mono-Phase		AC100JXSCEH/EU	
Outdoor Unit- Tri-Phase		AC100JXSCGH/EU	
Capacity			
	Cooling (Min/Nominal/Max)	kW	0.85/ 3.45/ 4.2
	Heating up to +7°C (Min/Nominal/Max)	kW	0.72/ 3.64/ 6.9
Performance			
Energy Efficiency Cooling	SEER	W/W	6.0 / A+
	Consumption	kWh/a	583
	Pdesignc	kW	10.0
	EER	W/W	2.9
Energy Efficiency Heating	SCOP	W/W	4.0 / A+
	Consumption	kWh/a	2275
	Pdesignh (average)	kW	6.5
	COP	W/W	3.08
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	24.00/ 21.50/ 19.0
Sound Power	Indoor Unit	dB(A)	65
	Outdoor Unit	dB(A)	66
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	49 (High)
	Outdoor Unit	dB(A)	1
Fan/ Outdoor unit	Type		Crossflow Fan
	Power	W	58
	Number	EA	2
External Static Pressure	Min / Std / Max	Pa	
Operating Temp. Range	Cooling	°C	-20 ~ 50
	Heating	°C	-25 ~ 24
Electrical Data			
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #	380-415/ 50/ 3/ 4
Compressor Type	Outdoor Unit	Type	Twin BLDC Rotary
Power (Min/Nominal/Max)	Cooling	kW	0.85/ 3.45/ 4.2
	Heating	kW	0.72/ 3.64/ 6.9
Current Input	Cooling (Min/Std/Max)	A	4.2/ 15.1/ 18.5
	Heating (Min/Std/Max)	A	3.6/ 16.0/ 30.0
	Cooling- Tri-Phase (Min/Std/Max)	A	-
	Heating- Tri-Phase (Min/Std/Max)	A	-
Dimensions			
Net Dimensions (W x H x D)	Indoor Unit	mm	1280 x 253 x 345
	Outdoor Unit	mm	940 x 1420 x 330
Net Weight	Indoor Unit	kg	18.5
	Outdoor Unit	kg	96.0
Refrigerant			
Refrigerant	Type		R410A(Contains fluorinated greenhouse gases. GWP=2.088)
	Factory charging	kg	2.90
	Charging Ton equivalent CO2	tCO2e	6.06 tCO2e
	Additional refrigerant charging	g / m	50
Piping Connections	Liquid Pipe	Φ.inch	3 / 8
	Gas Pipe	Φ.inch	5 / 8
Piping Length	Min/ Max	m	75
Piping Height	Max	m	30
Piping Connections	Drain pipe	Φ.mm	ID 18

Accessories			
Individual Controllers (Optional)		Others (Optional)	
			
MWR-SH11N	MWR-WE13N	MIM-H03N	MRW-TA

Dimensional Drawings

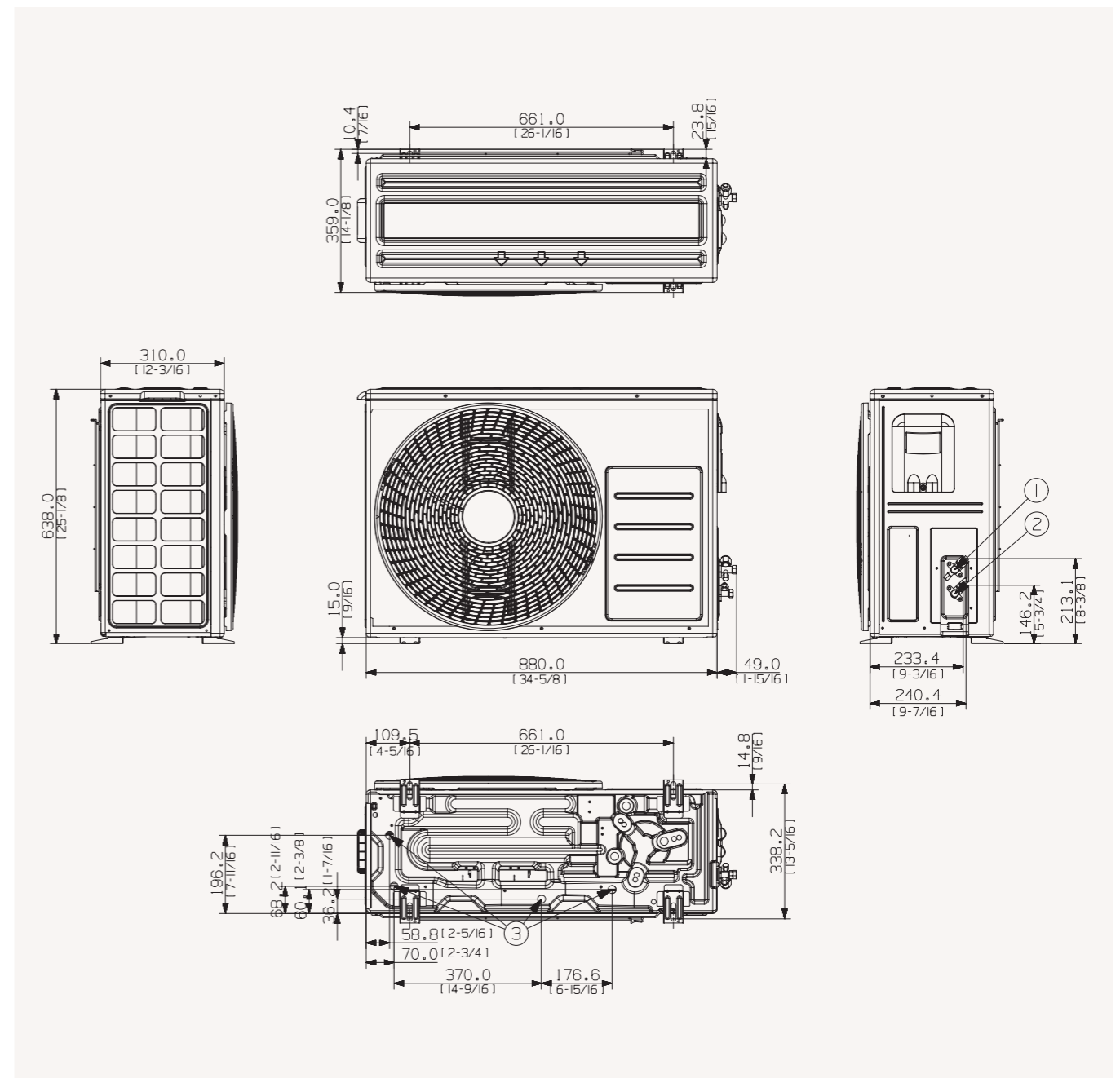
Outdoor Units

2.6kW/3.5kW Outdoor Unit



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

5.2kW/6.0kW Outdoor Unit

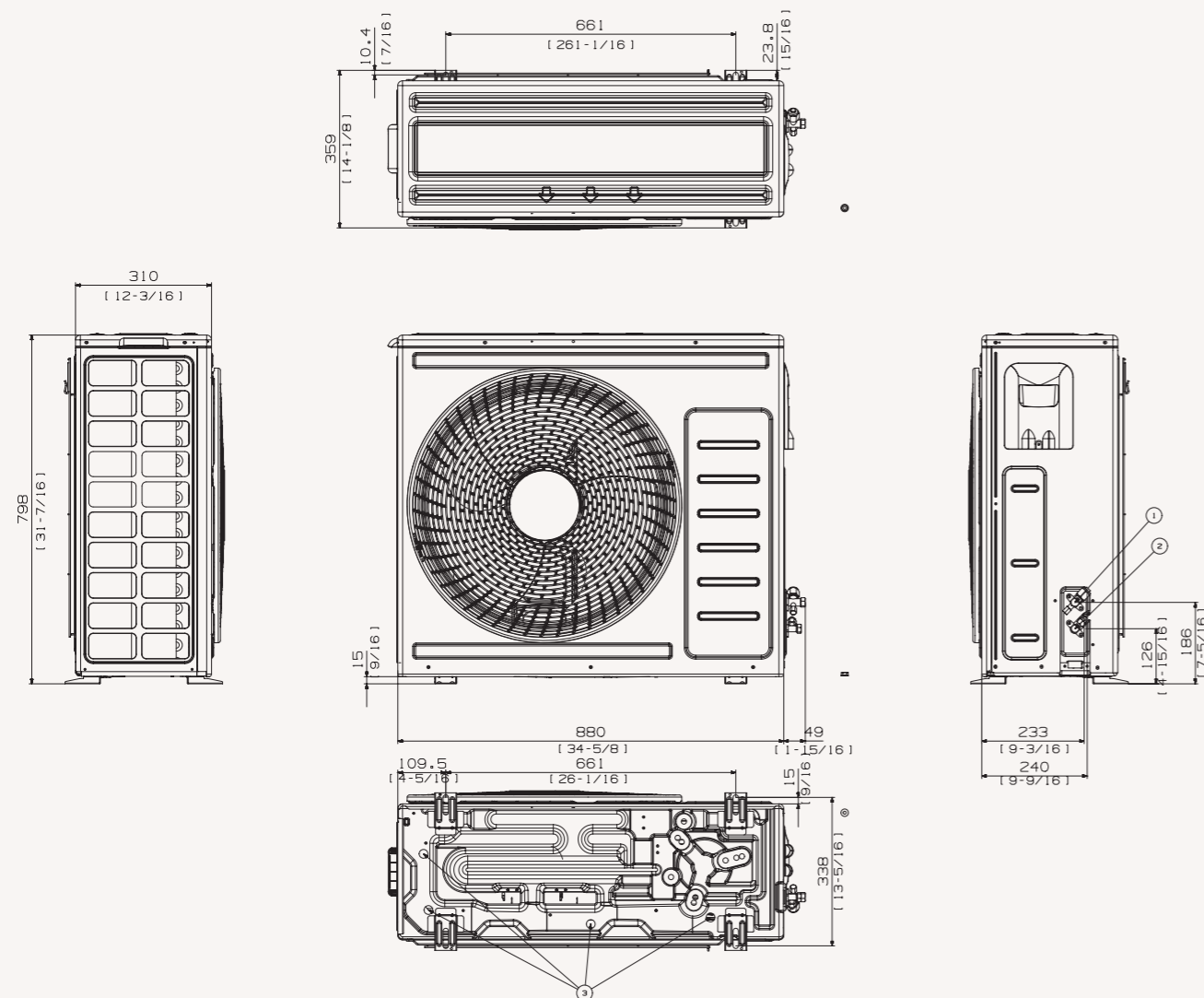


No.	Name	Description
1	Refrigerant gas pipe	Φ12.7(1/2)
2	Refrigerant liquid pipe	Φ6.35(1/4)
3	Drain Hole	Φ20

Dimensional Drawings

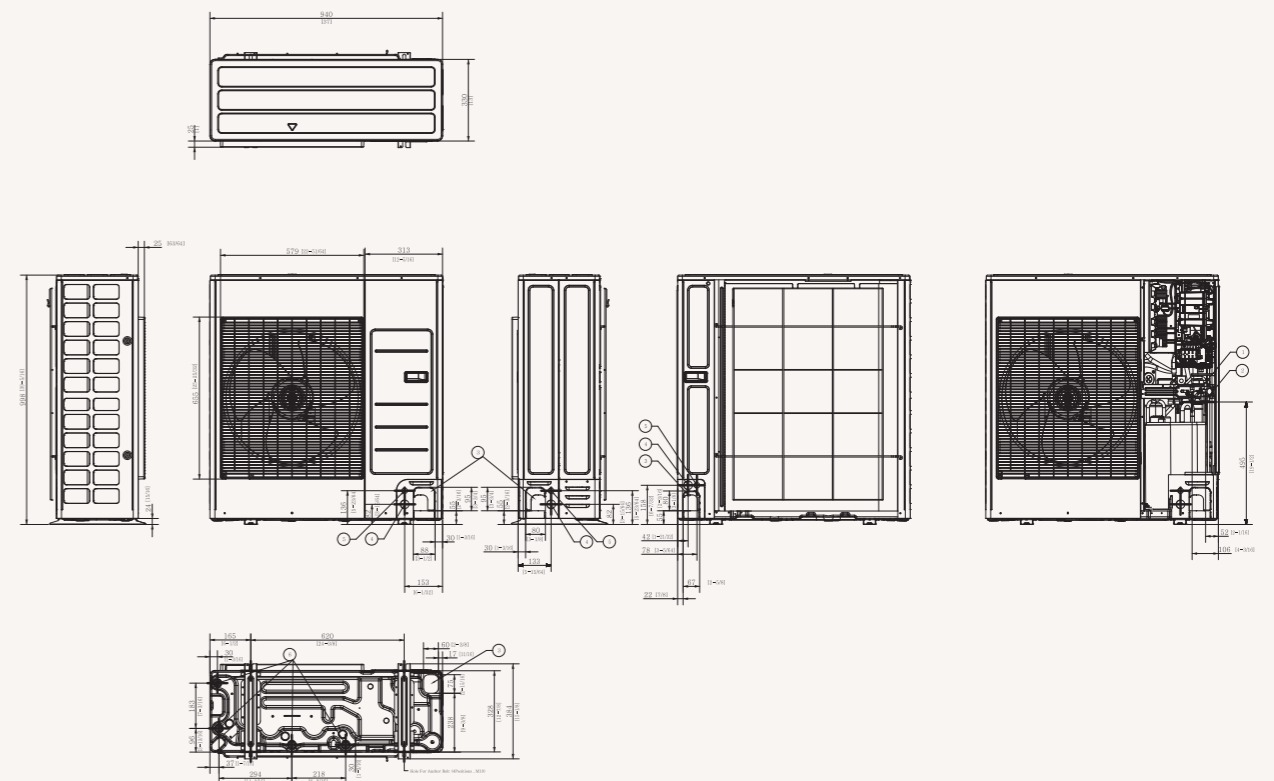
Outdoor Units

7.1kW Outdoor Unit



No.	Name	Description
1	Refrigerant gas pipe	Ø15.88(5/8)
2	Refrigerant liquid pipe	Ø6.35(1/4)
3	Drain Hole	Connection with the provided drain plug.

9kW/10kW/12kW Outdoor Unit

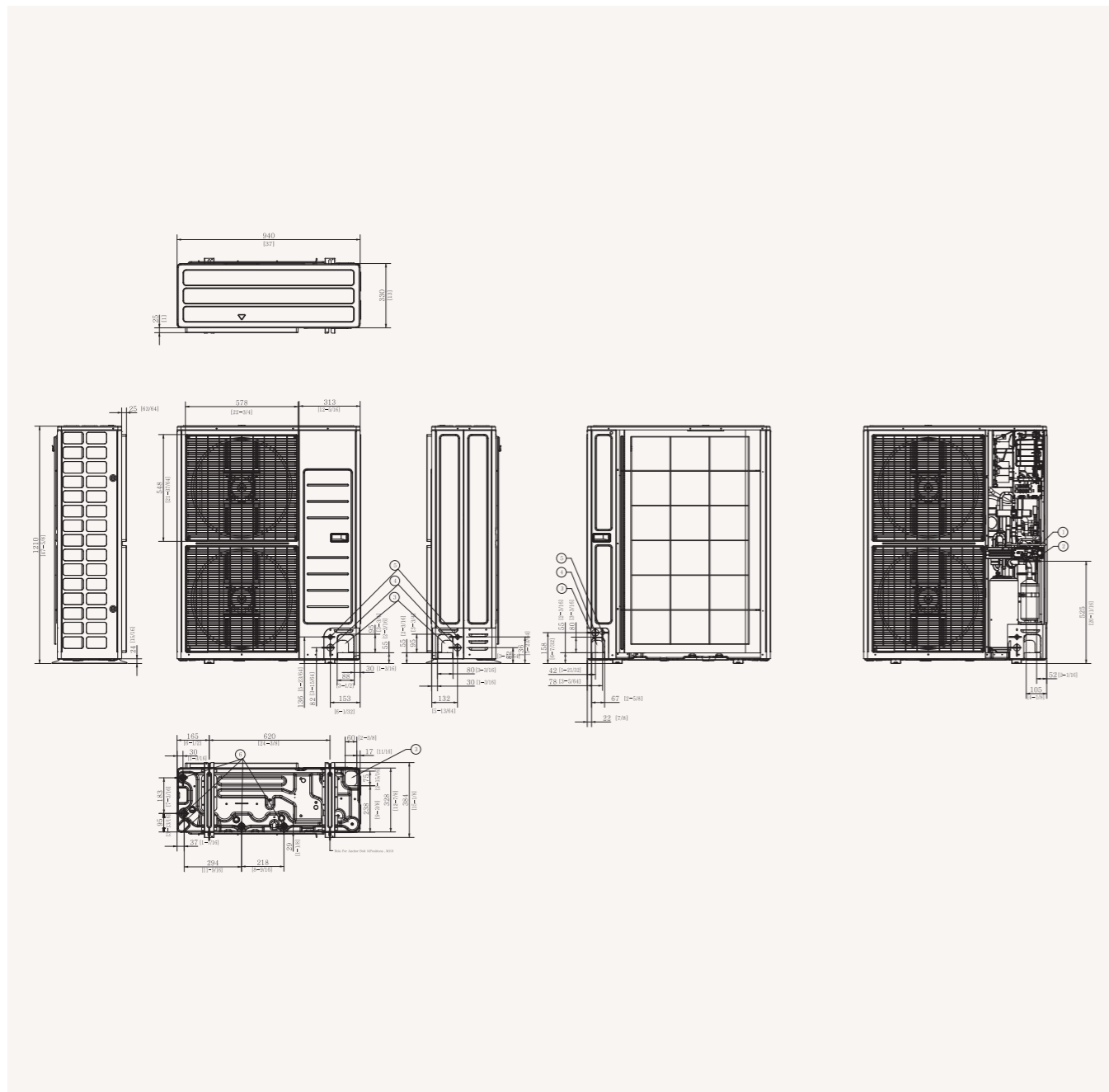


No.	Name	Description
1	Liquid pipe connection	Ø9.52 (3/8)
2	Gas pipe connection	Ø15.88 (5/8)
3	Piping intake knockout hole	Front / Side / Rear / Bottom
4	Power wiring conduit	Front / Side / Rear / Ø34 (1-3/8)
5	Communication wiring conduit	Front / Side / Rear / Ø22 (7/8)
6	Drain hole	Connect with the provided drain plug.

Dimensional Drawings

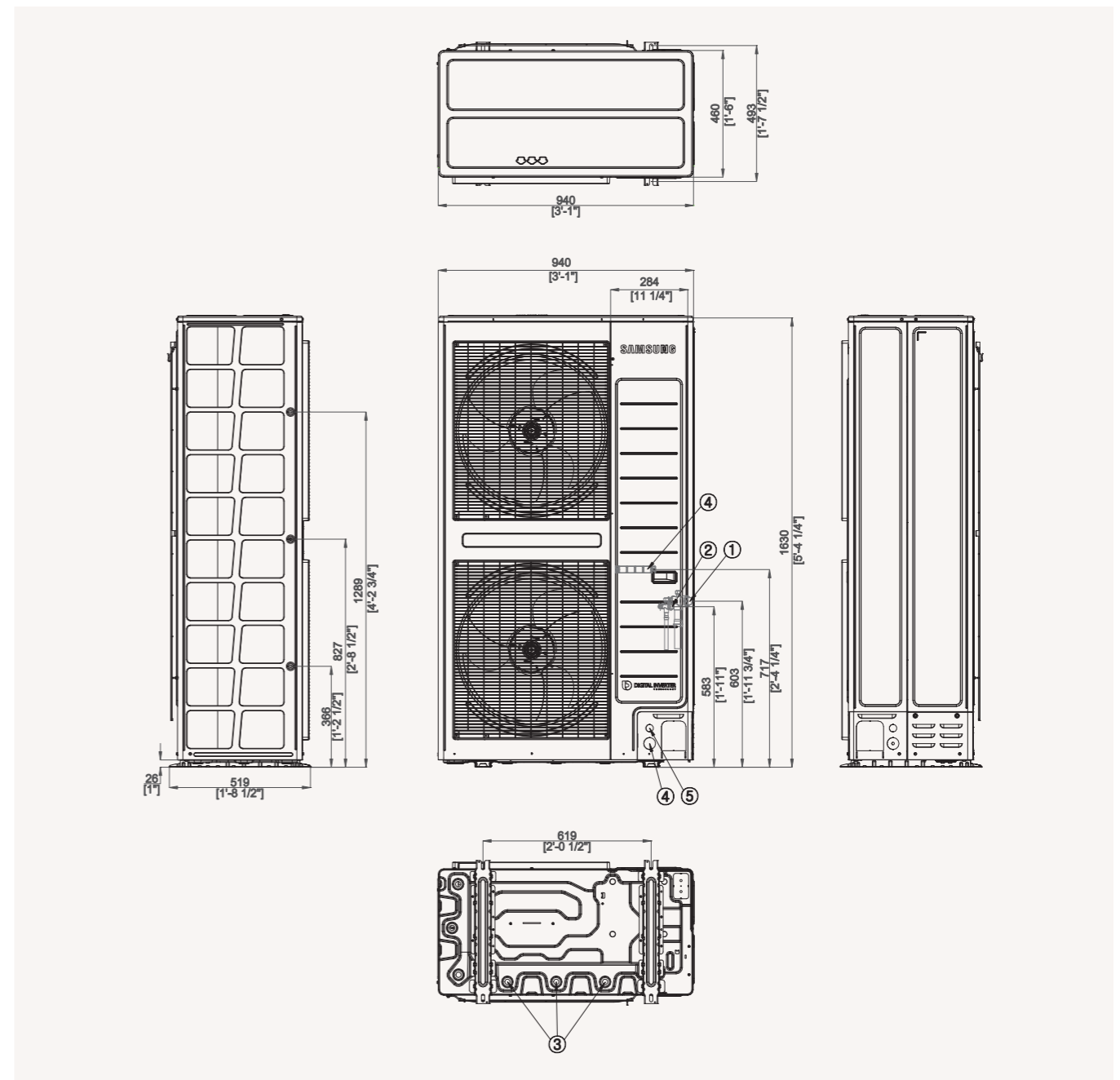
Outdoor Units

14kW/16kW/18kW Outdoor Unit



No.	Name	Description
1	Liquid pipe connection	Ø9.52 (3/8)
2	Gas pipe connection	Ø15.88 (5/8)
3	Piping intake knockout hole	Front / Side / Rear / Bottom
4	Power wiring conduit	Front / Side / Rear / Ø34 (1-3/8)
5	Communication wiring conduit	Front / Side / Rear / Ø22 (7/8)
6	Drain hole	Connect with the provided drain plug.

20kW/25kW Outdoor Unit
















No.	Name
1	Refrigerant gas pipe
2	Refrigerant liquid pipe
3	Drain hole
4	Power wiring conduit
5	Communication wiring conduit

Controls


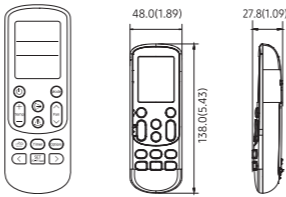

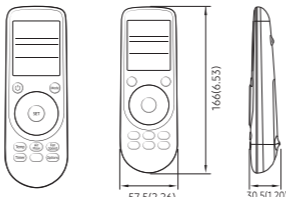

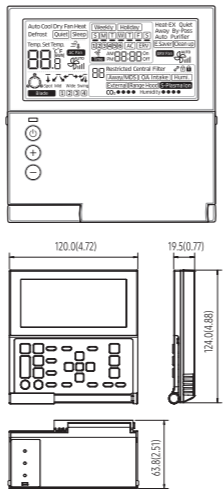

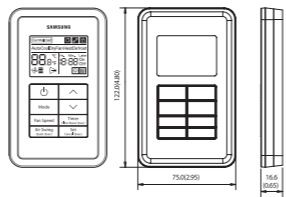



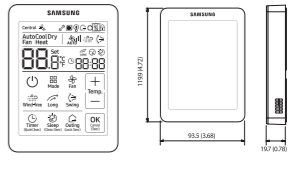

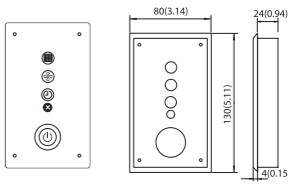

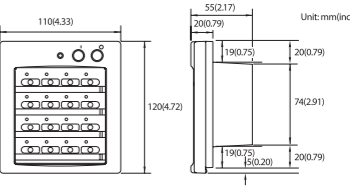

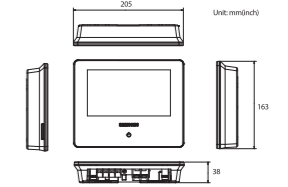

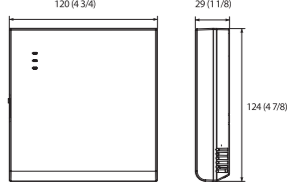

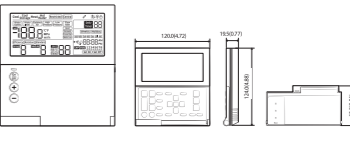
Lineup

	Product	Model	Image	Matchable Products
Individual Control System	Wireless Remote Controller	AR-EH03M AR-EH03E		DVM, FJM, CAC
	Wireless Remote Controller	AR-KH00E AR-KH03E*		CAC,DVM *only for 360 Cassette
	Wired Remote Controller	MWR-WE13N MWR-WE13		DVM, CAC, FJM
	Simple Type	MWR-SH00N		DVM, CAC
	Touch Type	MWR-SH11N		DVM, CAC +Wind-Free function
	ERV Wired Remote Controller	MWR-VH12N		ERV
	Wireless Receiver Kit	MRK-A10 MRK-A10N		DVM, CAC (only Duct models)
Centralised Control System	ON/OFF Controller	MCM-A202DN MCM-A202D (FJM Only)		DVM, FJM, CAC, ERV Plus, EHS Split/Mono
	Touch Centralised Controller	MCM-A300N		DVM, FJM, CAC, ERV Plus, EHS Split/Mono
	Wi-Fi kit	MIM-H03N MIM-H03 (FJM Only)		All
	Module Controller	MCM-A00N		DVM Chiller
Integrated Management System	DMS2.5	MIM-D01AN		DVM, FJM, CAC, ERV Plus, EHS Split/Mono
	S-NET3	MST-P3P		

	Product	Model	Image	Matchable Products
Gateway System	BACnet Gateway	MIM-B17BN		DVM, FJM, CAC, ERV Plus, EHS Split/Mono
	LonWorks Gateway	MIM-B18BN		DVM, FJM, CAC, ERV Plus, EHS Split/Mono
	External Contact Interface Module	MIM-B14		DVM, RAC, FJM, CAC, EHS
	PIM (Pulse Interface Module)	MIM-B16N		DVM, FJM, CAC, ERV Plus, EHS Split/Mono
	Interface Module (Converter RS485 to NASA)	MIM-N01		FJM, CAC, EHS
	ERV Interface Module (Converter RS485 to NASA)	MIM-N10		ERV
	FCU Interface Module	MIM-F10N		Chiller
Installation/ Test Run Solution	S-Converter	MIM-C02N		
Others	External Room Sensor	MRW-TA		DVM, FJM, CAC
	Operation Mode Selection Switch	MCM-C200		
	MTFC (Multi-Tenant Function Controller)	MCM-C210N		

Features & Dimensional Drawings

Individual Control System	
<p>Wireless Remote Controller AR-EH03E / AR-EH03M</p> <ul style="list-style-type: none"> Operation ON/OFF control Fan speed control Operation temperature setting Wind-Free™ cooling function Filter replacement alarm reset Air swing control Simple ON/OFF timer Indoor unit option code setting Option/Setting selection 	  <p>48.0(1.89) 27.8(1.09) 138.0(5.43)</p>
<p>Wireless Remote Controller AR-KH03E</p> <ul style="list-style-type: none"> 360 cassette airflow direction control Operation ON/OFF control Fan speed control Operation temperature setting Filter replacement alarm reset Simple ON/OFF timer Indoor unit option code setting 	  <p>166(6.53) 57.5(2.26) 30.5(1.20)</p>
<p>Wired Remote Controller MWR-WE13N / MWR-WE13 (FJM Only)</p> <p>Air conditioner/ERV control</p> <ul style="list-style-type: none"> AC operation ON/OFF control AC operation mode, setting temperature, fan speed, airflow direction setting AC individual blade control (Function is available when indoor units support any of above functions) ERV operation ON/OFF control ERV operation mode, fan speed setting AC/ERV error monitoring Filter cleaning alert and reset alert time Individual/group control, indoor unit/ERV interlocking control Energy saving control Control maximum 16 "Indoor unit + ERV" in group with single wired remote controller 360 Cassette and Wind-Free compatible <p>Energy saving operation</p> <ul style="list-style-type: none"> Upper/Lower temperature limit setting Automatic operation stop: Automatically stops the operation, when it is not used for certain period of time set by user <p>Weekly operation schedule setting</p> <ul style="list-style-type: none"> Weekly operating schedule (A/C only, ERV only, A/C+ERV) Able to set desired AC operation mode, setting temperature and fan speed to operate based on weekly reservation Able to apply schedule exception day <p>User convenience function</p> <ul style="list-style-type: none"> Child lock Different button permission levels (Operation mode, temperature setting, ON/OFF, fan speed) Real-time clock: Displays current time, day (Summer time support) Built-in room temperature sensor Service mode support <ul style="list-style-type: none"> Indoor unit cycle data monitoring Indoor unit option code setting and monitoring Indoor unit address setting and monitoring 	  <p>120.0(4.72) 19.5(0.77) 124.0(4.88) 63.8(2.51)</p>
<p>Simple Type MWR-SH00N</p> <ul style="list-style-type: none"> Simplified wired remote controller AC operation ON/OFF control Fan speed control Setting operation mode and temperature Reset filter cleaning alert indicator Adjust airflow direction Operation ON/OFF timer function 	  <p>127.8(5.03) 75.0(2.95) 16.6(0.65)</p>

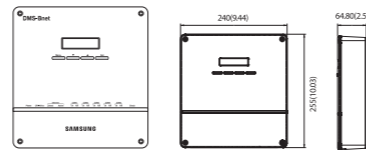
<p>Touch Controller MWR-SH11N</p> <ul style="list-style-type: none"> Bigger Display: Clear & bright backlight screen with big fonts Wind-Free button: Control Wind-Free function with just one click Room Temperature Monitor and display room temperature thanks to the built-in temperature sensor Icon/Function Lock: Possibility to restrict icon/function on the display Sleep Mode: Help users to sleep better by controlling temperature Outing Feature: Keep room temperature above/below specific set value when the user is out of room 	  <p>118.0(4.65) 95.5(3.76) 167.0(6.57)</p>
<p>Wireless Receiver Kit MRK-A10N MRK-A10 (FJM Only)</p> <ul style="list-style-type: none"> 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) 	  <p>80(3.14) 24(0.94) 130(5.11) 40(1.57)</p>
Centralised Control System	
<p>ON/OFF Controller MCM-A202DN MCM-A202D (FJM Only)</p> <ul style="list-style-type: none"> Maximum 16-group controller (Max. 128 units) Whole/Group/Individual indoor unit control (ON/OFF) Restriction on the use of wireless/wired remote controllers and external contact control Cooling and heating mode control Indoor unit error display 	  <p>110(4.33) 55(2.17) 20(0.79) 19(0.75) 20(0.79) 120(4.72) 19(0.75) 15(0.20) 20(0.79) Unit: mm(inch)</p>
<p>Touch Centralised Controller MCM-A300N</p> <ul style="list-style-type: none"> 7 inch touch LCD controller Controls maximum 128 indoor units Controls maximum 12 zones Schedule control, Indoor unit usage restriction, View indoor unit error history 	  <p>205 Unit: mm(inch) 163 38</p>
<p>Wi-Fi Kit MIM-H03N MIM-H03 (FJM only)</p> <ul style="list-style-type: none"> Control and monitoring system air conditioner by mobile phone. (Max. 16 units) Weekly schedule setting Group control and monitoring (ON/OFF) Current/daily/weekly/monthly energy usage data of outdoor unit. (This function is available in certain outdoor unit model) 	  <p>120 (4 3/4) 29 (1 1/8) 124 (4 7/8)</p>
<p>Module Controller MCM-A00N</p> <ul style="list-style-type: none"> DVM CHILLER ON/OFF control (Module/Group) Operation mode, water outlet temperature setting Optional operation setting Module/Group setting Weekly operation schedule setting 	  <p>120(4.72) 19(0.75) 124(4.88) 38</p>

Gateway System

**BACnet Gateway
MIM-B17BN**

With the BMS control and monitoring function, BACnet gateway makes it easy to control the air conditioning network in various ways. BACnet gateway can control up to 256 indoor units, used in combination with S-NET 3.

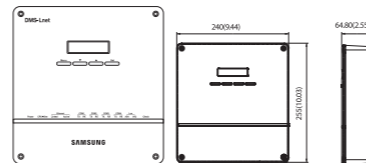
- Interface for BACnet management system
- Maximum 256 indoor units plus ERVs support with a maximum of 80 interface modules
- Includes DMS 2.5 functions



**LonWorks Gateway
MIM-B18BN**

LonWorks gateway is an interface for Lon-Connection to LonWorks management system, providing you with a more convenient way to manage your air conditioning system. It can control a maximum of 128 indoor units, used in combination with S-NET 3.

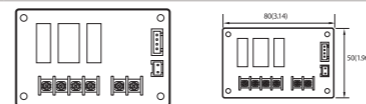
- Exclusive use for DMS 2.5 power distribution
- Connection with up to 8 watt-hour meters
- Pulse interface with watt-hour meters
- Watt hour meter - by 3rd party



**External Contact Interface Module
MIM-B14**

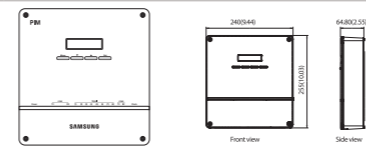
Samsung Guestroom Management System saves users the energy and money wasted on cooling an unoccupied room. The air conditioner is activated when the Key-Tag is in place and turns off when the Key-Tag is removed. An external contact interface module provides direct indoor unit control via an external contact signal, as well as window-synchronised indoor unit control. The emergency control function features simple contact input. Plus the module generates indoor unit operation/error state output through relay contacts.

- 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



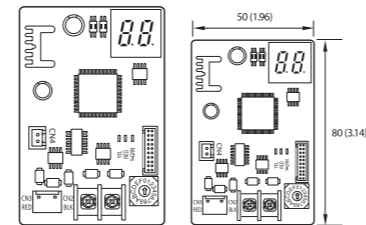
**PIM (Pulse Interface Module)
MIM-B16N**

- The Watt-hour Meter Interface Module can be exclusively used for DMS 2.5 power distribution, displaying power consumption for each watt-hour meter.
- Exclusive use for DMS 2.5 power distribution
- Connection with up to 8 watt-hour meters
- Pulse interface with watt-hour meters
- Watt hour meter - by 3rd party



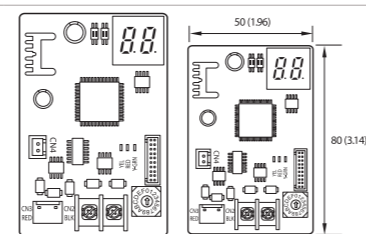
**Interface Module
MIM-N01**

- Communication interface module between outdoor units and the upper level controller which has different communication type
- Connect 1 interface module to 1 outdoor unit
- Individual control - Maximum 48 indoor units
- Group control - Maximum 16 groups
- Detecting communication type automatically: Judge the communication type of upper level controller according to communication type of the outdoor unit
- Supported communication type
 - Conventional communication outdoor unit ↔ New communication upper level controller
 - New communication outdoor unit ↔ Conventional communication upper level controller



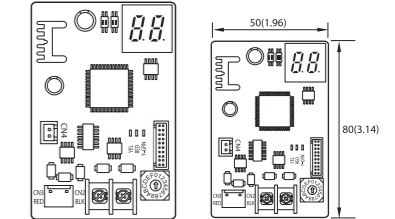
**Interface Module (Converter RS485 to NASA)
MIM-N10**

- Communication interface module between new communication ERV and controller
- Connect 1 ERV interface module to Max. 16 ERVs
- Individual control - Maximum 16 ERVs
- Group control - Maximum 16 groups
- Supported communication type
 - Conventional communication ERV ↔ New communication upper level controller
 - New communication ERV ↔ Conventional communication upper level controller
 - New communication ERV ↔ New communication upper level controller



**FCU Interface Module
MIM-F10N**

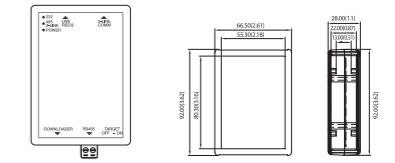
- Communication interface module between
- Connect 1 FCU interface module to Max. 16 FCU KITs.
- Supports FCU KIT only



Installation/Test Run Solution

**S-Converter
MIM-C02N**

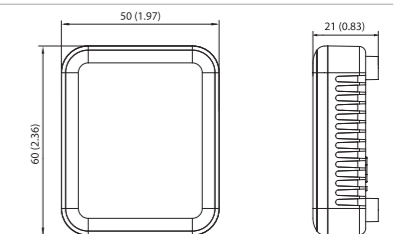
- Communication converting module to connect Samsung system air conditioner to a PC.
- Main purpose for use
 - To connect with test run program [Test run program]
 - S-NET Pro: Conventional communication
 - S-NET Pro2: New communication



Others

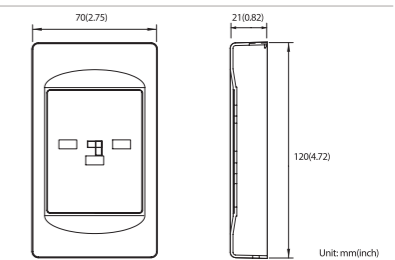
**External Room Sensor
MRW-TA**

- Indoor unit is operated by MRW-TA instead of its own sensor.
- Wire length : 12m(39ft)



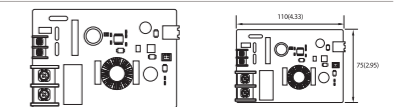
**Operation Mode Selection Switch
MCM-C200**

- Outdoor unit operation mode selection (Cooling, Heating or Auto)
- Mixed operation mode protection



**MTFC (Multi-Tenant Function Controller)
MCM-C210N**

- Multi tenant function controller is an auxiliary power supply device which allows indoor unit to turn off (close EEV) normally and maintain communication when main power supply is cut.
- It is used in site such as hotel where individual power is supplied to the indoor unit





Accessories

Accessories

Classification	Image	Model DVM S (New Communication Protocol)	Application
Drain Pump		MDP-E075SEE3D	Slim Duct(2.0 ~ 14.0 kW)
		MDP-M075SGU1D	M.S.P Duct(9.0/11.2 kW)
		MDP-M075SGU2D	M.S.P Duct(12.8/14.0 kW) H.S.P Duct(11.2/14.0 kW)
		MDP-M075SGU3D	M.S.P Duct(5.6/7.1 kW)
		MDP-N047SNC0D	Fresh Air Intake Duct (14.0 kW)
		MDP-N047SNC1D	H.S.P Duct(22.4/28.0 kW) Fresh Air Intake Duct (22.4/28.0 kW)
AHU Kits		MXD-K025AN	7.0 ~ 8.75 kW AHU
		MXD-K050AN	14.0 ~ 17.5 kW AHU
		MXD-K075AN	21.0 ~ 26.25 kW AHU
		MXD-K100AN	28.0 ~ 35.0 kW AHU
		MXD-A64K100E	AHU EEV Kit (10HP)
Humidifier		MCM-D201N	Control Kit (PBA, 10HP~40HP)
		MVO-VA050100	500 CMH (ERV Plus)
360 Cassette Front Panel		PC4NUDMAN	NASA, Square
		PC4NBDMAN	NASA, Square - Black
Wind-Free™ 4-Way Cassette Front Panel		PC4NUNMAN	NASA, Circle (Exposed installation)
		PC4NBNMAN	NASA, Circle (Exposed installation) - Black
		PC4NUFMAN	Wind-Free™ 4-Way Cassette
4-Way Cassette Front Panel		PC4NUSKAN	4-Way Cassette S - Waffle
		PC4NUSKEN	4-Way Cassette S - Classic
		PC4NBSKAN	4-Way Cassette S - Black
Wind-Free™ 4-Way Cassette Front Panel (600x600)		PC4SUFMAN	Wind-Free™ 4-Way Cassette (600x600)
Wind-Free™ 1-Way Cassette Front Panel		PC1NWFMAN	
1-Way Cassette Front Panel		PC1BWSMAN	1-Way Cassette (New Air Fluid Design) (1.7~2.2kW)
		PC1NUSMAN	Slim 1-Way Cassette (2.2~3.5kW)
		PC1NUPMAN	Slim 1-Way Cassette Z-Sliding (2.2~3.5kW)
2 Way Cassette Front Panel		PC2NUSMEN	2Way Cassette
SPI Ionizer		MSD-CAN1	Big Ceiling
		MSD-EAN1	Duct S
Motion Detect Sensor		MCR-SMA	4-Way Cassette S (600x600)
		MCR-SMC	Wind-Free™ 4-Way
		MCR-SMD	Wind-Free™ Mini 4-Way

Classification	Image	Model	Application
Y-joint		MXJ-YA1509M	15.0 kW and below
		MXJ-YA2512M	Over 15.0 kW ~ 40.0 kW and below
		MXJ-YA2812M	Over 40.0 kW ~ 45.0 kW and below
		MXJ-YA2815M	Over 45.0 kW ~ 70.3 kW and below
		MXJ-YA3419M	Over 70.3 kW ~ 98.4 kW and below
		MXJ-YA4119M	Over 98.4 kW ~ 135.2 kW and below
Y-Joint (HR Only)		MXJ-YA4422M	Over 135.2 kW
		MXJ-YA1500M	22.4 kW and below
		MXJ-YA2500M	Over 22.4 kW ~ 70.3 kW and below
Y-Joint (Outdoor Unit)		MXJ-YA3100M	Over 70.3 kW ~ 135.2 kW and below
		MXJ-YA3800M	Over 135.2 kW
Y-Joint (HR Outdoor Unit)		MXJ-TA3419M	135.2 kW and below
		MXJ-TA4122M	140.2 kW and Over
Distribution Header		MXJ-TA3100M	135.2 kW and below
		MXJ-TA3800M	140.2 kW and Over
Heat Recovery Changer		MXJ-HA2512M	45.0 kW and below (for 4 rooms)
		MXJ-HA3115M	70.3 kW and below (for 8 rooms)
		MXJ-HA3819M	Over 70.3 kW ~ 135.2 kW and below (for 8 rooms)
MCU		MCU-R4NEK0N	
		MCU-S6NEK3N	
EEV Kit		MCU-S6NEK2N	6 ports, max 61.6kW (~16kW/1port)
		MCU-S4NEK3N	4 ports, max 61.6kW (~16kW/1port)
		MCU-S2NEK2N	2 ports, max 32.0kW (~16kW/1port)
		MCU-S1NEK1N	1 port, max 16.0kW (~16kW/1port)
PDM (Pressure Drop Modulation) Kit		MXD-E24K132A	
		MXD-E24K200A	2 Indoor
		MXD-E32K200A	
		MXD-E24K232A	
		MXD-E24K300A	3 Indoor
		MXD-E32K224A	
PDM (Pressure Drop Modulation) Kit		MEV-E24SA	1 Indoor
		MEV-E32SA	
		MXD-A38K2A	8~12 HP
PDM (Pressure Drop Modulation) Kit		MXD-A12K2A	14~16 HP
		MXD-A58K2A	18~26 HP

Learn more about Samsung Climate Solutions at:
www.samsung.com/climate

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