

- Warning** !
- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
 - Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
 - Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
 - Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.
- If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

- Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
- If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.



Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION
Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAM VENTILATION, AIR CLEANING EQUIPMENT, COMPRESSORS AND VALVES.



Organization:
DAIKIN INDUSTRIES (THAILAND) LTD.
Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM



All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.

EC99J2044

Đại lý phân phối



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The Comfort and Luxury You Deserve



SUPER multi NX



Multi-Split Type Air Conditioners E/F series
With DC Inverter and Swing Compressor
Cooling Only & Heat Pump [50 Hz]



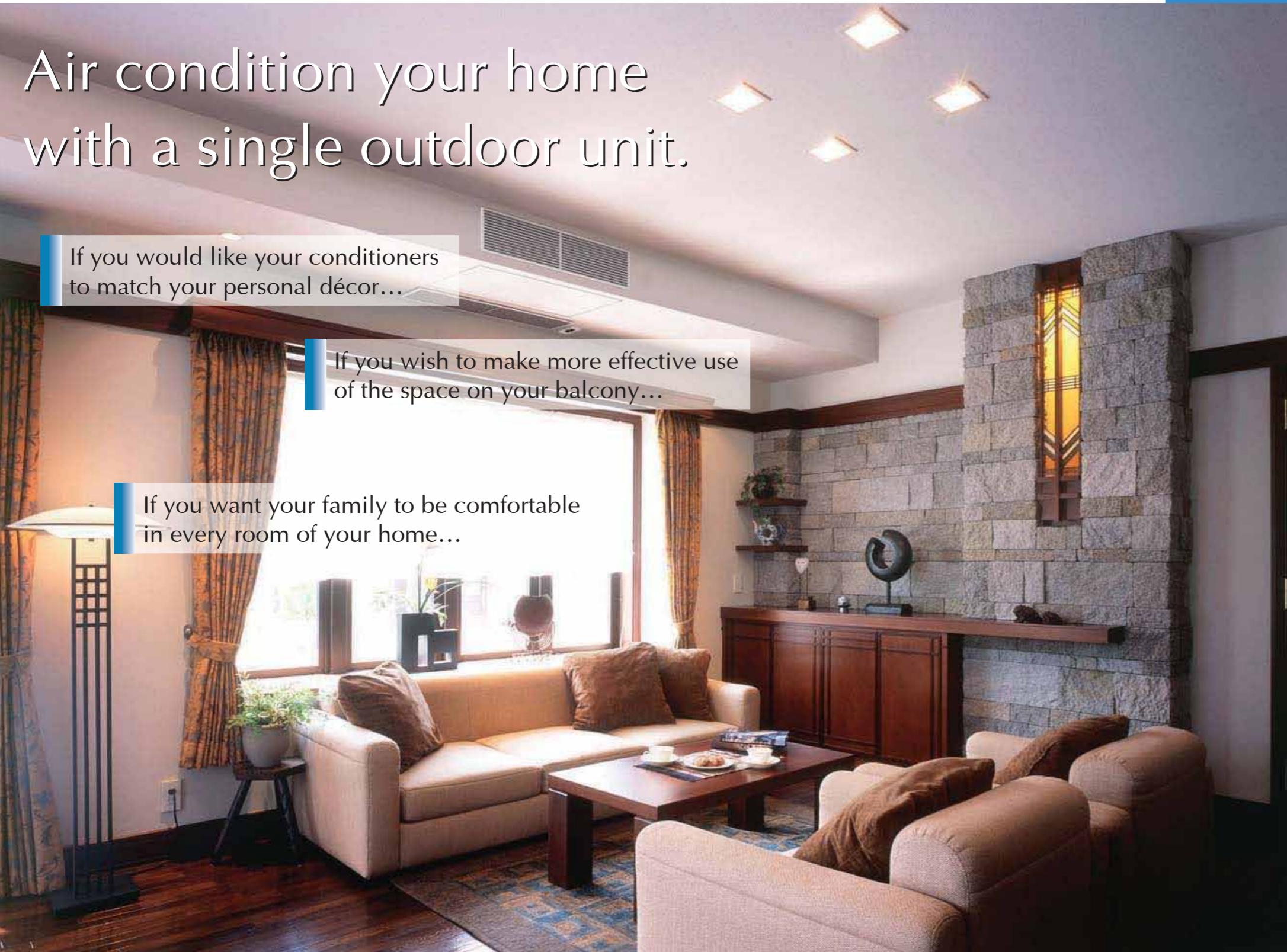
R-410A

Air condition your home with a single outdoor unit.

If you would like your conditioners
to match your personal décor...

If you wish to make more effective use
of the space on your balcony...

If you want your family to be comfortable
in every room of your home...



Super Multi NX is the knowledgeable choice.

The Daikin Super Multi NX lets you build a highly efficient multi room air conditioning system by connecting up to five indoor units to a single outdoor unit. The series includes a variety of indoor units, so it is easy to select a model that blends in unobtrusively and allows you to create a décor that matches your personality. A single compact outdoor unit allows you to make more efficient use of available space in the installation location, such as a balcony. The individual indoor units in different rooms—the living room, study, and bedrooms, for example—can be controlled independently to match your family's lifestyle. Super Multi NX makes your home more comfortable and stylish at the same time.

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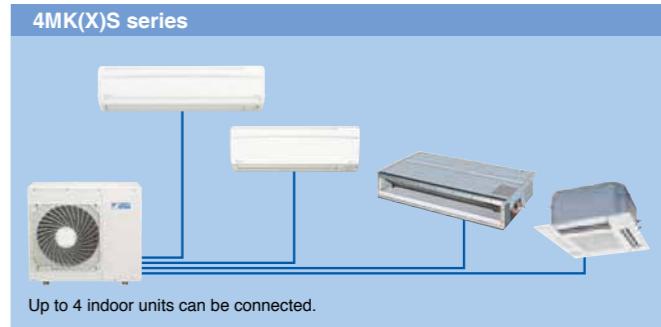
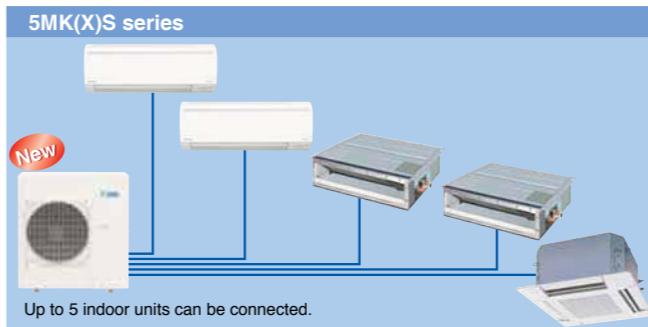
Key concepts for Super Multi NX

Enjoy the comfort and luxury of your dreams.



SUPER MULTI NX

In 1969, Daikin developed the first multi room air conditioning system in Japan that needed just one outdoor unit. Over the ensuing 40 years, Daikin has built an enviable reputation with the constant progress of its technology. Super Multi NX requires only a single outdoor unit to maintain pleasant comfort in up to five rooms. Where outdoor unit installation space is limited, it is the ideal choice. Air conditioner settings for each room can be controlled individually to suit the preference of each person. While optimising personal comfort, Super Multi NX uses DC inverter technology to reduce energy waste.



Connect 5 indoor units to a single outdoor unit

Intelligent technologies

High energy efficiency through advanced technologies delivers high COP.



High energy savings

5MXS100LVMA

Cooling operation	Heating operation
3.65	4.58

* During rated capacity operation of 5 indoor units (2.0 + 2.0 + 2.0 + 2.0 + 2.0 kW class).

What is COP?

An air conditioner's COP (coefficient of performance) indicates how efficiently it uses energy. A high COP means high energy efficiency.

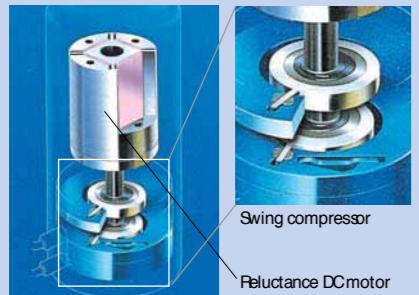
$$\text{COP} = \frac{\text{Capacity (W)}}{\text{Power consumption (W)}}$$



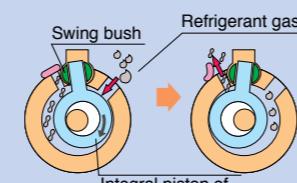
Daikin energy-saving technologies



① Swing compressor

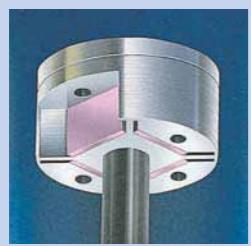


Thanks to its smooth rotation, the swing compressor decreases friction and vibration. It also prevents the leakage of refrigerant gas during compression. These advantages provide quiet and efficient operation.



The swing compressor can reduce operational vibration and sound because its piston moves smoothly inside the compressor.

② Reluctance DC motor

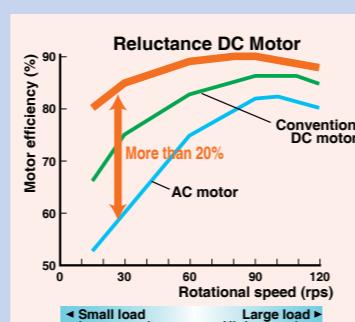


Daikin DC Inverter models are equipped with the Reluctance DC motor for compressor. The Reluctance DC motor uses 2 different types of torque, neodymium magnet*¹ and reluctance torque*². This motor can save energy because it generates more power with a smaller electric power than an AC or conventional DC motor.

Neodymium magnets are used in the pink-coloured area.

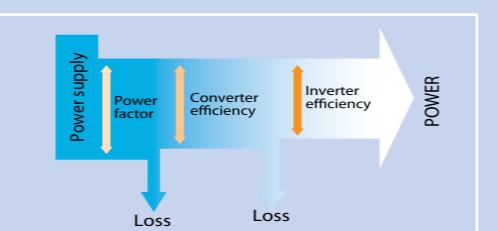
*1. A neodymium magnet is approximately 10 times stronger than a standard ferrite magnet.

*2. The torque created by the change in power between the iron and magnet parts.



③ PAM control

Pulse Amplitude Modulation (PAM) control reduces energy loss by controlling the amount of switching on/off of the converter.



Convenient features to create your ideal environment



Ideal environment

Quiet operation

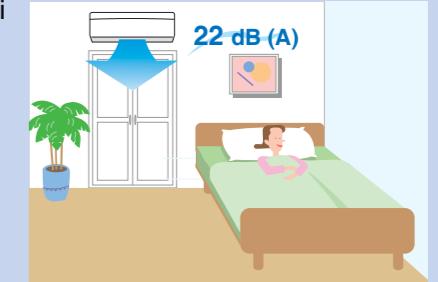
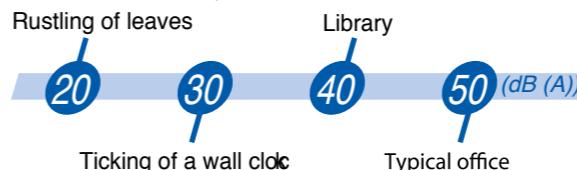
Indoor unit



A quiet indoor unit is important for your personal comfort. Super Multi NX offers the quiet sound level of 22 dB (A) during Indoor Unit Quiet Operation of the FTXS25 during cooling operation.

Note: Capacity may decrease when quiet functions are selected.

22 dB (A) is so quiet you can even hear whispers



Outdoor unit



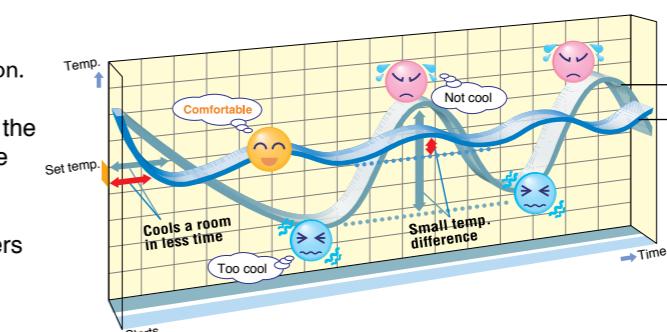
A quiet outdoor unit is essential for your comfort and peace in your neighbourhood. Super Multi NX achieves a quiet sound level of 45 dB (A) during Outdoor Unit Quiet Operation of the 2MXS50 during cooling operation. The minimum outdoor unit sound level is 44 dB (A).*

* This value is achievable when Indoor Unit Quiet Operation and Outdoor Unit Quiet Operation are both selected for all indoor units in operation.

Note: Capacity may decrease when quiet functions are selected.

Comfortable temperature control

Non-inverter air conditioners can only perform simple on/off operation. They start operation when the temperature rises and stop when the room reaches the set temperature and then switch to low-capacity operation. As a result, inverter air conditioners are more energy-saving and comfortable than non-inverter air conditioners.

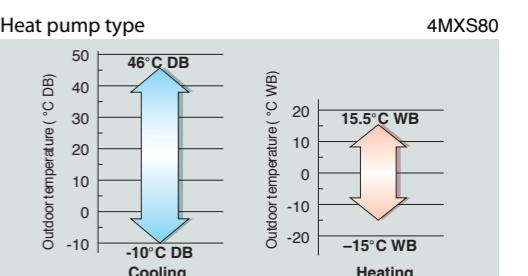


*This diagram is a representation for illustrative purposes only.

Wide operation range

With Super Multi NX, cooling operation is possible even during lower outdoor temperatures.

Note: This information is for heat pump type.



Interior & exterior flexibility

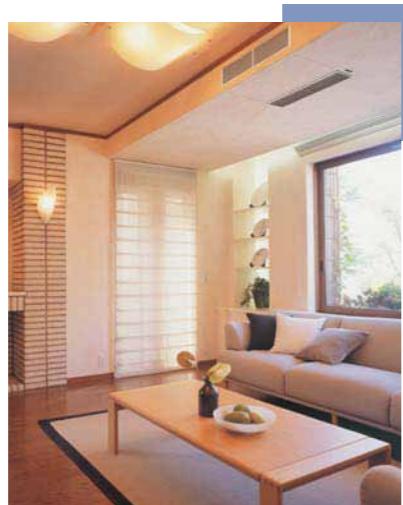
Well designed units for a beautiful match with the interior and exterior of your home



Stylish indoor units for elegant interiors



The stylish flat panel design of the wall-mounted type provides an excellent match for interiors.



Only 240 mm is required above the ceiling for installation.



The compact and simple design blends in with the type of room.

Compact outdoor units for a less obtrusive exterior look

The system requires only a single outdoor unit. The compact design provides installation flexibility and takes up less space, for a less obtrusive exterior look.



Needs just one outdoor unit
—keep your home exterior beautiful!

Long piping length for installation flexibility

The ample maximum piping length of 70 m permits more freedom in the placement of air conditioner units and facilitates the optimisation of interior space.

Model name	2MXS50F	3MKS58E	3MKS75E	4MKS90E	5MKS100L		
		3MKS52E	3MKS68E	4MKS80E	5MKS100L		
Max. piping length	Total	30 m	50 m	60 m	70 m	80 m	
	For one room	20 m		25 m		30 m	



Individual control for each room to match your family's lifestyle



Individual control

Preferential air conditioning

Initial setting required during installation



Priority-Room Setting delivers priority capacity to a prioritised room when using multi-split air conditioners.
After a priority room is selected, it receives preferential air-conditioning plus priority control over the 3 functions below.
* The 2MXS50F model does not include this function.

① Priority setting with Inverter Powerful Operation



When Inverter Powerful Operation is selected in the priority room, the indoor unit capacity in the priority room is increased by shifting capacity from units in other rooms. After 20 minutes, all units automatically return to their original settings.

Note: Capacity in other rooms may decrease slightly.



② Priority setting with operation mode

The operation mode (cooling/heating) of the indoor unit in the priority room is given preference. When the operation modes of the units in other rooms are different from the unit in the priority room, the units in the other rooms wait on standby.

Note: Operation mode can not be changed from other rooms.

③ Priority setting with Outdoor Unit Quiet Operation



Priority-Room Setting also allows Outdoor Unit Quiet Operation to be selected by one command* from the priority room.

* If Priority-Room Setting has not been set, the Outdoor Unit Quiet Operation button must be pushed on the wireless remote controller of all indoor units operating at that time.

Convenient remote controllers

A variety of convenient controller systems permit individual control of settings such as temperature, airflow volume, and operation duration.



Wireless remote controller



5-room centralised controller (option)



Central remote controller (option)



Unified on/off controller (option)

A wide range of models to choose from that deliver comfort and convenience

Outdoor unit

Model	Model name	Capacity class	Max. piping length	Max. height difference
Connectable to up to 2 indoor units				
	Heat pump	2MXS50FV1B	5.0 kW	30 m
Connectable to up to 3 indoor units				
	Cooling only	3MKS58EVMA	5.8 kW	50 m
	Heat pump	3MKS75EVMA	7.5 kW	60 m
	Heat pump	3MXS52EVMA	5.2 kW	50 m
	Heat pump	3MXS68EVMA	6.8 kW	60 m

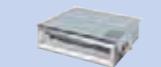
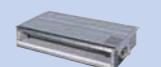
Indoor unit

Model	Capacity class	2.5 kW	3.5 kW
Wall-mounted type			
	Heat pump	FTXS25EVMA	FTXS35EVMA
	Heat pump	FTX25GV1B	FTX35GV1B
Duct-connected type			
	Heat pump	CDXS25EAVMA	CDXS35EAVMA
	Heat pump	FDXS25CVMA	FDXS35CVMA
Compact multi flow ceiling-mounted cassette type			
	Heat pump	FFQ25BV1B	FFQ35BV1B

Outdoor unit

Model	Model name	Capacity class	Max. piping length	Max. height difference
Connectable to up to 4 indoor units				
	Cooling only	4MKS90EVMA	9.0 kW	70 m
Connectable to up to 5 indoor units				
	Cooling only	5MKS100LVMA	10.0 kW	80 m
	Heat pump	5MXS100LVMA	10.0 kW	80 m

Indoor unit

Model	Capacity class	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.1 kW
Wall-mounted type							
	Cooling only	FTKS20DVMA	FTKS25EVMA	FTKS35EVMA			
	Heat pump	FTXS20DVMA	FTXS25EVMA	FTXS35EVMA			
	Cooling only				FTKS50FVMA	FTKS60FVMA	FTKS71FVMA
	Heat pump				FTXS50FVMA	FTXS60FVMA	FTXS71FVMA
Duct-connected type							
	Cooling only				CDKS25EAVMA	CDKS35EAVMA	
	Heat pump				CDXS25EAVMA	CDXS35EAVMA	
	Cooling only				CDKS25CVMA	CDKS35CVMA	CDKS50CVMA
	Heat pump				FDXS25CVMA	FDXS35CVMA	FDXS50CVMA
900/1,100 mm width							
	Cooling only				FFQ25BV1B	FFQ35BV1B	FFQ50BV1B
	Heat pump				FFQ25BV1B	FFQ35BV1B	FFQ50BV1B
Compact multi flow ceiling-mounted cassette type							
	Cooling only				FFQ60BV1B		
	Heat pump				FFQ60BV1B		

Possible combinations for indoor and outdoor units

Model	Capacity class	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.1 kW
Cooling only							
3MKS58E		●					
3MKS75E		●	●				
4MKS90E		●	●	●			
5MKS100L		●	●	●	●	●	
Heat pump							
3MXS52E		●					
3MXS68E		●	●				
4MXS80E		●	●	●			
5MXS100L		●	●	●	●	●	

Wall-Mounted Type



2.0 kW class 2.5 kW class 3.5 kW class

Cooling only FTKS20DVMA FTKS25EVMA FTKS35EVMA

Heat pump FTXS20DVMA FTXS25EVMA FTXS35EVMA



5.0 kW class 6.0 kW class 7.1 kW class

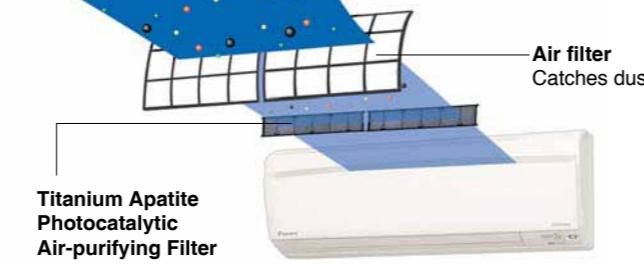
Cooling only FTKS50FVMA FTKS60FVMA FTKS71FVMA

Heat pump FTXS50FVMA FTXS60FVMA FTXS71FVMA



2.5 kW class 3.5 kW class

Heat pump FTX25GV1B FTX35GV1B



Quiet operation

Wall-mounted type indoor units achieve quiet sound levels of 22 dB (A) during Indoor Unit Quiet Operation.

(H/L/SL)

FTXS20D/25E FTXS35E FTX25G FTX35G

37/25/22 dB (A) 38/26/23 dB (A) 40/26/22 dB (A) 41/27/23 dB (A)

During cooling operation

Duct-Connected Type



2.5 kW class 3.5 kW class 5.0 kW class 6.0 kW class

<700 mm width type>
Cooling only CDKS25EAVMA CDKS35EAVMA

Heat pump CDXS25EAVMA CDXS35EAVMA

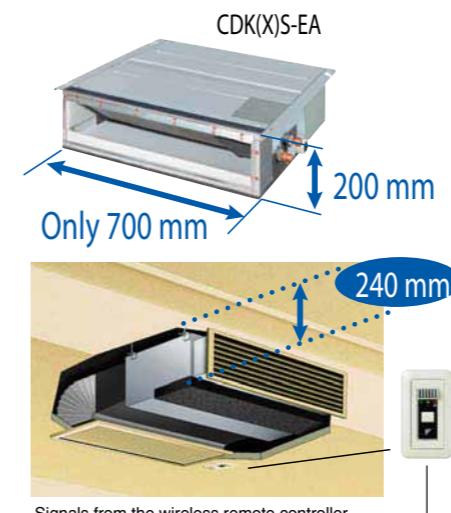
<900/1,100 mm width type>
Cooling only CDKS25CVMA CDKS35CVMA CDKS50CVMA CDKS60CVMA

Heat pump FDXS25CVMA FDXS35CVMA FDXS50CVMA FDXS60CVMA

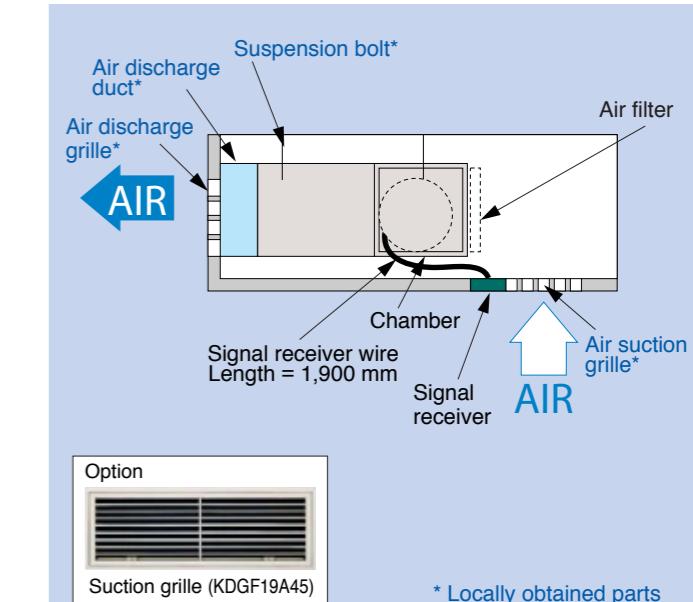


Slim and compact design

Models in the CDK(X)S-EA series are only 700 mm in width and 21 kg in weight, so are easily installed in limited spaces. Just 200 mm in height, all models can be installed in rooms with as little as 240 mm depth between the drop ceiling and ceiling slab, making them ideal for even shallow ceilings.



	CDK(X)S25EA	CDK(X)S35EA	CDK(X)S25CC(F)DK(X)S35C
Dimensions (H x W x D)	200 x 700 x 620 mm	200 x 900 x 620 mm	
Weight	21 kg	25 kg	
Airflow rate (H)	8.7 m³/min	9.5 m³/min	10.0 m³/min
External static pressure	30 Pa	40 Pa	



* Locally obtained parts

Notes:

- To prevent an increase in operation noise, avoid installing the air suction grille directly below the suction chamber.
- Grilles, piping connections, ducts, and installation parts should be obtained locally.
- Duct-connected types do not have drain-up pumps.
- The signal receiver unit must be located near the air suction inlet, because the unit includes a sensor that detects room temperature.

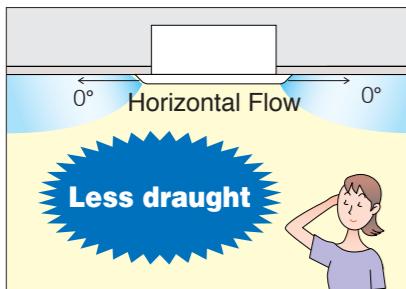
Compact Multi Flow Ceiling-Mounted Cassette Type



Wired LCD remote controller	Wireless LCD remote controller	Signal receiver unit
Option	Option	Wireless remote controller and signal receiver unit are sold as a set.
2.5 kW class	3.5 kW class	5.0 kW class
Cooling only FFQ25BV1B	FFQ35BV1B	FFQ50BV1B
Heat pump FFQ25BV1B	FFQ35BV1B	FFQ50BV1B
* Heat pump only		



Low draft performance is designed for your comfort



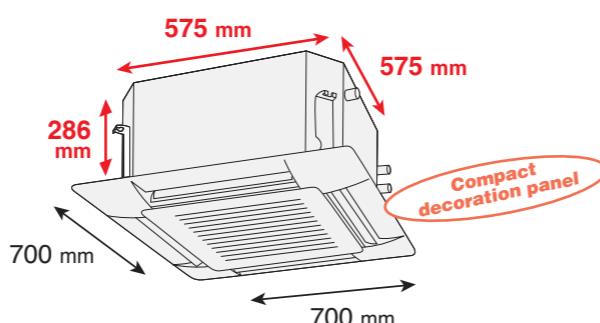
Comfortable across all areas

Conditioned air is distributed evenly by Auto-swing operation.
Adjustable airflow angle to suit all room conditions.

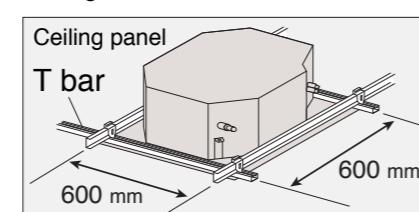
	AUTO-SWING	5 directions
Standard setting	0° → 60° Auto-swing between 0° and 60°	0° → 60° Settable to 5 different levels between 0° and 60°
Draft prevention setting (Set on site)	0° → 35° Auto-swing between 0° and 35°	0° → 35° Settable to 5 different levels between 0° and 35°
Setting to prevent soiling of ceiling (Set on site)	25° → 60° Auto-swing between 25° and 60°	25° → 60° Settable to 5 different levels between 25° and 60°

Note: Angles shown above are provided as a guide. They may differ depending on the installation site.

Designed to fit 600 mm wide ceiling grids



T-bar grid does not need to be cut



- Even for modules other than 600 x 600, no inspection opening is required. Maintenance can be performed after simply removing the grille, because the switchbox is built into the unit.

Quiet sound level of only 24.5 dB (A)

At low fan speeds, the 2.5 kW model produces sound of only 24.5 dB (A), and even the 6.0 kW model as low as 32 dB (A). This is due to a spiral hub cover that reduces internal airflow resistance.



Spiral hub cover →

Programme "Dry"

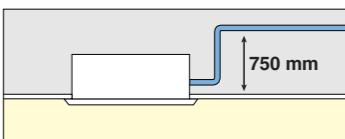
Programme Dry gives priority to reducing the level of humidity rather than room temperature. Dehumidification is computer controlled to prevent abrupt and uncomfortable changes in air temperature.

Switchable fan speed: High/Low

Hot start (after defrost)

Uncomfortable cold air draft is not discharged when heating operation starts or when switching to heat after defrosting.

Provided with drain pump



Auto-restart

If there is a power failure while the unit is operating, the system will restart in the same mode when power is restored.

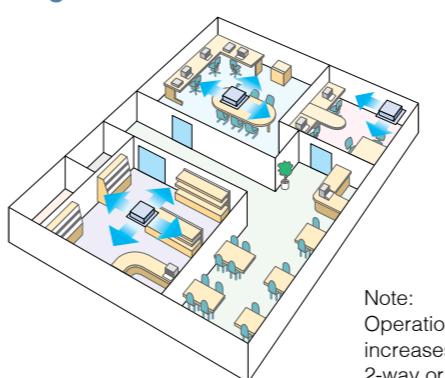
Long-life filter

Maintenance is not required for one year.

Ceiling soiling prevention function

Daikin's innovative air discharge mechanism keeps airflow away from the ceiling. Ceiling cleaning is required less frequently.

Air discharge patterns can be selected according to installation.



Note:
Operation sound increases when using 2-way or 3-way flow.

Two selectable temperature sensors

Both indoor unit and wired remote controller (option) contain temperature sensors. Temperature sensing can be set at the unit or, to further improve comfort level, closer to the target area at the wired remote control. This feature requires initial setting by the installer.

*Temperature sensor on indoor unit must be used when the air conditioner is controlled from another room.
(Wireless remote controller does not have a temperature sensor.)

Energy savings plus quick return to favourite comfort setting levels



Intelligent Eye

Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by $\pm 2^\circ\text{C}$ for energy savings. Intelligent Eye is available for the FTK(X)S20/25/35/50/60/71.



When you are in the room



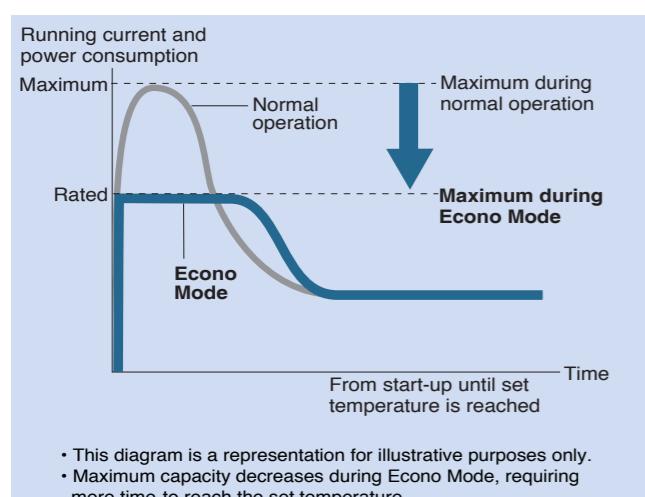
When you go out



Econo Mode

Econo Mode is a function that reduces the maximum running current and the maximum power consumption of the outdoor unit to the rated values. This mode is useful for preventing circuit breakers from being overloaded by the use of multiple air conditioners and other electrical devices. The function is easily activated from the remote controller by pushing the ECONO button. Econo Mode is available for FTK(X)S20/25/35 and FTX25/35.

* For the outdoor unit 2MXS50FV1B, the maximum power consumption is limited to 1,300 W.



Home Leave Operation

Home Leave Operation prevents large rises or falls in the indoor temperature by continuing operation* while you are sleeping or out of your home. This means that an air-conditioned welcome awaits when you wake or return. It also means that the indoor temperature can quickly return to your favourite comfort setting. Home Leave Operation is available for FTK(X)S50/60/71 and all duct-connected models.

* Home Leave Operation can be selected for any temperature from 18 to 32°C for cooling operation and 10 to 30°C for heating operation.

During cooling operation, 23°C for the room temperature setting, and 28°C for the home leave setting.



Start Home Leave Operation simply by pushing its button on the remote controller.



When you are out of your home, your air conditioner prevents large rises in the indoor temperature by continuing to operate using Home Leave Operation settings.



When you return, you will be greeted by an air-conditioned room. Just push the HOME LEAVE button again to return to your previous settings.

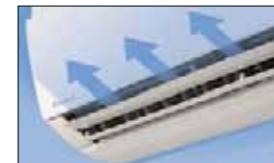
Uniform cooling/heating of the whole living room



Power-Airflow Dual Flaps Wide-Angle Louvres

Power-Airflow Dual Flaps and Wide-Angle Louvres work in tandem to precisely control both vertical and horizontal airflow for even distribution of air.

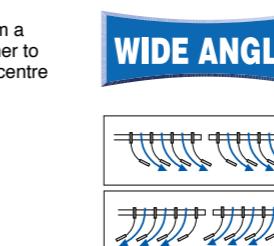
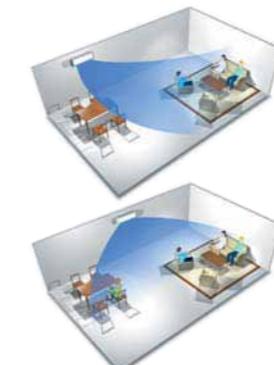
Power-Airflow Dual Flaps



Cooling: the flaps flatten out during operation so that cool air slides off to reach the farthest corners of the room.

Heating: the flaps descend to blow warm air directly down to the floor to quickly warm the whole room.

Wide-Angle Louvres



Entirely covers a spacious room

WIDE ANGLE

The louvres can be adjusted by hand for the FTK(X)S20/25/35 and FTX25/35.



Inverter Powerful Operation

Inverter Powerful Operation boosts cooling/heating performance for a 20-minute period. This is convenient both when you first turn on your air conditioner and when you want to quickly change the temperature during operation.



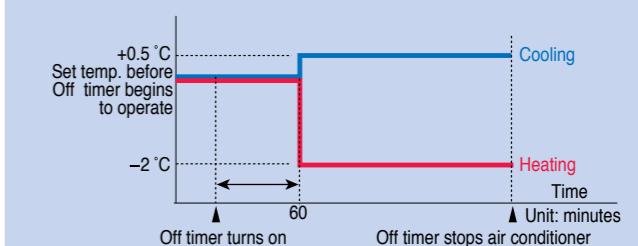
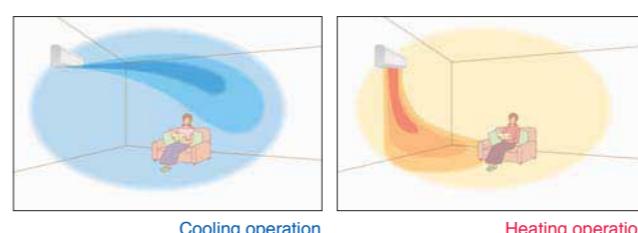
Indoor Unit On/Off Switch

The unit can be conveniently started manually in the event the wireless remote controller is misplaced or the wireless remote controller batteries are not charged.



Night Set Mode

Pressing the Off timer button automatically selects the Night Set Mode. This function prevents excessive cooling or heating for pleasant sleep conditions.

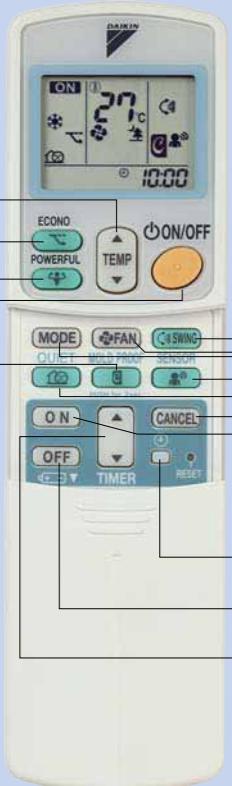


Cooling operation: Room temperature is raised by 0.5°C after 60 minutes.

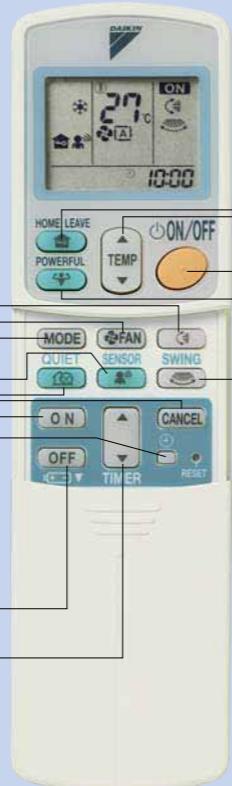
Heating operation: Room temperature is lowered by 2°C after 60 minutes.

Easy-to-use wireless remote controller

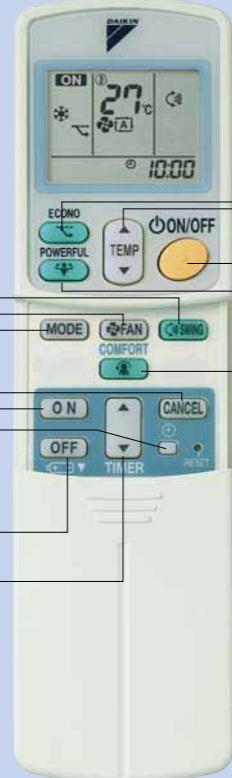
FTK(X)S20/25/35



FTK(X)S50/60/71



FTX25/35



Models	Indoor unit				Outdoor unit
	Wall-mounted type	Duct-connected type	Compact multi flow ceiling-mounted cassette type		
FTK(X)S20/25/35	FTK(X)S50/60/71	FTX25/35	CDK(X)S/FDXS	FFQ25/35/50/60	2MXS
Home Leave Operation					3/4/5MK(X)S
Vertical Auto-Swing (up and down)					
Selects fan speed and Indoor Unit Quiet Operation					
Selects mode: automatic, cooling, heating, dry, fan-only operation					
Intelligent Eye					
Outdoor Unit Quiet Operation					
Cancels On/Off Timer					
24-Hour On Timer					
Sets clock					
24-Hour Off Timer and Night Set Mode					
Sets timer					
Power-Airflow Dual Flaps					
Power-Airflow Flap					
Wide-Angle Louvres					
Vertical Auto-Swing (up and down)					
Horizontal Auto-Swing (left and right)					
3-D Airflow					
Comfort Airflow Mode					
Indoor Unit Quiet Operation					
Outdoor Unit Quiet Operation					
Night Quiet Mode					
Intelligent Eye					
Automatic Operation (Heat pump type only)					
Programme Dry Function					
Auto Fan Speed					
Inverter Powerful Operation					
Econo Mode					
Home Leave Operation					
Indoor Unit On/Off Switch					
Priority-Room Setting					
Titanium Apatite Photocatalytic Air-Purifying Filter					
Mould-Proof Operation					
Wipe-Clean Flat Panel					
Filter Cleaning Indicator					
24-Hour On/Off Timer					
72-Hour On/Off Timer					
Night Set Mode					
Auto-Restart after Power Failure					
Self-Diagnosis with Digital Display					
Anticorrosion Treatment of Outdoor Heat Exchanger Fins					

Comfortable Airflow

Power-Airflow Dual Flaps

Power-Airflow Dual Flaps can flatten out during cooling operation to deliver cool air to the corners of a room. The flaps can direct warm air straight down to the floor during heating operation.

Power-Airflow Flap

Power-Airflow Flap regulates the outlet aperture to an optimum shape.

Wide-Angle Louvres

Smoothly curved Wide-Angle Louvres provide wide airflow coverage for effective cooling/heating operation.

Vertical Auto-Swing (up and down)

Vertical Auto-Swing automatically moves the flaps up and down to distribute air across a room.

Horizontal Auto-Swing (left and right)

Horizontal Auto-Swing automatically moves the louvres to the left and right to cover a room with cool/warm air.

3-D Airflow

This function combines Vertical and Horizontal Auto-Swing to circulate a cloud of cool/warm air right to the corners of even large spaces.

Comfort Airflow Mode

This function prevents uncomfortable drafts from blowing directly on to the body. The flap changes the airflow direction. To prevent drafts, the flap moves upward during cooling operation and downward during heating operation.

► See page 16

Comfort Control

Indoor Unit Quiet Operation

Indoor unit operating sound level is decreased by 2 to 4 dB (A) from the low setting fan speed using the wireless remote controller.

► See page 6

Outdoor Unit Quiet Operation

Outdoor unit operating sound level is decreased by 3 dB (A) from the rated operation sound using the wireless remote controller.

► See page 6

Night Quiet Mode

Outdoor unit operating sound level is automatically decreased by 3 dB (A) from the rated operation sound when the outdoor temperature has dropped by 6°C from the maximum temperature recorded during the daytime. Initial setting is required during installation.



Intelligent Eye

Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by ± 2°C for energy savings.



Automatic Operation

This function automatically selects cooling or heating operation mode based on the room temperature at start-up.



Programme Dry Function

This function automatically reduces the level of humidity.



Auto Fan Speed

The microprocessor automatically controls fan speed to adjust the room temperature to the set temperature.

Lifestyle Convenience



Inverter Powerful Operation

This function is convenient for boosting cooling/heating performance for a 20-minute period both when you first turn on your air conditioner and want to quickly change the room temperature.



Econo Mode

Econo Mode reduces the maximum running current and maximum power consumption of the outdoor unit to the rated values. This is useful when using multiple air conditioners and other electrical devices at the same time.



Home Leave Operation

Home Leave Operation continues operation to prevent a room from becoming too hot or cold while you are sleeping or out of your home. Select any temperature from 18 to 32°C for cooling operation and 10 to 30°C for heating operation.



Indoor Unit On/Off Switch

The unit can be conveniently started manually in the event the wireless remote controller is misplaced or the wireless remote controller batteries are not charged.



Priority-Room Setting

When this function is set, it is convenient for selecting Inverter Powerful Operation, Outdoor Unit Quiet Operation and operation mode. Initial setting is required during installation.

► See page 8

Cleanliness



Titanium Apatite Photocatalytic Air-Purifying Filter

This filter contains the new photocatalytic material titanium apatite. While the filter's micron-level fibres trap dust, this photocatalyst adsorbs and decomposes bacteria. The filter can be used for up to 3 years if washing with water is performed once every 6 months.



Mould-Proof Operation

Mould-Proof Operation automatically runs fan-only operation for 1 hour when cooling or dry operation is stopped. This airflow prevents the generation of mould and mould odours inside the indoor unit.



Wipe-Clean Flat Panel

The flat panel models can be cleaned with only the single pass of a cloth across their smooth surface. The flat panel can also be easily removed for more thorough cleaning.



Filter Cleaning Indicator

Dust deposited on the air filters is not only unhygienic, it also reduces the operating efficiency of the air conditioner. A message indicates when the air filters need cleaning.

Timers



24-Hour On/Off Timer

This timer can be preset to start and stop at any time within a 24-hour period. The air conditioner is started/stopped simply by pressing the On/Off timer button on the wireless remote controller.



72-Hour On/Off Timer

This timer can be set to start and stop at any time within a 72-hour period. Simply press the On timer button, and the air conditioner will automatically start to operate at the preset time.



Night Set Mode

Pressing the Off timer button automatically selects the Night Set Mode. This function prevents excessive cooling or heating for pleasant sleep conditions.

Worry Free



Auto-Restart After Power Failure

The air conditioner memorises the settings for mode, airflow, temperature, etc., and automatically returns to them when power is restored after a power failure.



Self-Diagnosis with Digital Display

Malfunction codes for each indoor unit are shown on the digital display panel of the wireless remote controller for fast and easy maintenance.



Anticorrosion Treatment of Outdoor Heat Exchanger Fins

The outdoor unit's heat exchanger fins are processed using a special anticorrosion treatment. The surface is covered with a thin acrylic resin layer to enhance the fins' resistance to acid rain and salt corrosion.

Others

Comfort Control (available for heat pump type)

Quick Warming Function

During low outdoor temperatures, this function preheats the compressor to shorten the time required to discharge warm air.

Automatic Defrosting

Before starting heating operation, a sensor checks for frost in the outdoor unit and performs automatic defrosting if necessary so that only warm air is discharged.

Worry Free

Cooling/Heating Mode Lock*

The owner can lock the operation mode to prevent it from being changed in individual rooms. This is convenient in small hotels, and is available for heat pump type.

Wiring Error Check*

Microcomputer checking and diagnosis of wiring errors during installation prevents problems.

Flexibility

Chargeless

Charging with additional refrigerant is not required even for long runs of piping. Available for cooling only type.

Either Side Drain (left or right)

The wall-mounted type indoor unit is designed so that drain piping can be connected to either the left or right side.

* The 2MXS50F model does not include this function.

Specifications

Outdoor unit						
Cooling only						
Model name	3MKS58EVMA	3MKS75EVMA	4MKS90EVMA	5MKS100LVMA		
Power supply			1 phase, 230-240 V, 50 Hz		1 phase, 220-240 V/220-230 V, 50/60 Hz	
Max. connected indoor units capacity kW	10.0	13.5		15.6		
Casing colour	Ivory white					
Compressor type	Hermetically sealed swing type					
Refrigerant type	R-410A					
Sound level* Cooling dB (A)	46/43	48/45		49/46		
Dimensions (H x W x D) mm	735 x 936 x 300	770 x 900 x 320		990 x 940 x 320		
Machine weight kg	49	58	69	83		
Operation range Cooling °CDB	10 to 46					
Max. piping length m	50 (total)	60 (total)	70 (total)	80 (total)		
	25 (for each room)					
Necessity of additional charge g/m	Chargeless					
Max. installation height difference m	15 (between indoor and outdoor units)/15 (between indoor units)					

Notes *1 The first value, to the left of the slash, is the rated condition. The value to the right of the slash is the second level when outdoor unit quiet operation.

*2 The measurement in parentheses indicates the additional size of the stop valve cover.

Heat pump						
Model name	2MXS50FV1B	3MXS52EVMA	3MXS68EVMA	4MXS80EVMA	5MXS100LVMA	
Power supply	1 phase, 220-240 V, 50 Hz	1 phase, 230-240 V, 50 Hz		1 phase, 220-240 V/220-230 V, 50/60 Hz		
Max. connected indoor units capacity kW	—	9.0	11.0	14.5	15.6	
Casing colour	Ivory white					
Compressor type	Hermetically sealed swing type					
Refrigerant type	R-410A					
Sound level* Cooling dB (A)	48/44	46/43	48/45	49/46		
Heating	50/46	47/44		49/46		
Dimensions (H x W x D) mm	550 x 765 (+75) x 285	735 x 936 x 300	770 x 900 x 320	990 x 940 x 320		
Machine weight kg	42	49	59	72	83	
Operation range Cooling °CDB	10 to 46	-5 to 46		-10 to 46		
Heating °CWB	-15 to 15.5		-15 to 15.5		-15 to 18	
Max. piping length m	30 (total)	50 (total)	60 (total)	70 (total)	80 (total)	
	20 (for one room)		25 (for each room)		30 (for one room)	
Necessity of additional charge g/m	20 (for 20 m or more)		20 (for 30 m or more) ³		20 (for 40m or more)	
Max. installation height difference m	15 (between indoor and outdoor units)/7.5 (between indoor units)					

Note: * The first value, to the left of the slash, is the rated condition. The value to the right of the slash is the sound level when using outdoor unit quiet operation.

Indoor unit						
Wall-mounted type						
Model name	FTKS20DVMA	FTKS25EVMA	FTKS35EVMA	FTKS50FVMA	FTKS60FVMA	FTKS71FVMA
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz					
Front panel colour	White					
Airflow rates (H) m ³ /min (cfm)	8.7 (307)	8.9 (314)	14.7 (519)	16.2 (572)	17.4 (614)	
Sound level (H/L/SL) dB (A)	37/25/22	38/26/23	44/35/32	45/36/33	46/37/34	
Fan speed	5 steps, quiet and automatic					
Temperature control	Microcomputer control					
Dimensions (H x W x D) mm	283 x 800 x 195		290 x 1,050 x 238			
Machine weight kg	9		12			
Piping connections Liquid (flare) mm		ø6.4				
	ø9.5		ø12.7		ø15.9	
		ø18.0				
Heat insulation	Both liquid and gas pipes					
Model name	FTXS20DVMA	FTXS25EVMA	FTXS35EVMA	FTXS50FVMA	FTXS60FVMA	FTXS71FVMA
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz					
Front panel colour	White					
Airflow rates (H) Cooling m ³ /min (cfm)	8.7 (307)	8.9 (314)	14.7 (519)	16.2 (572)	17.4 (614)	9.2 (325)
Heating	9.4 (332)	9.7 (342)	16.2 (572)	17.4 (614)	21.5 (759)	9.7 (342)
Sound level (H/L/SL) Cooling dB (A)	37/25/22	38/26/23	44/35/32	45/36/33	46/37/34	40/26/22
Heating	37/28/25	38/29/26	42/33/30	44/35/32	46/37/34	40/28/25
						41/29/26
Fan speed	5 steps, quiet and automatic					
Temperature control	Microcomputer control					
Dimensions (H x W x D) mm	283 x 800 x 195		290 x 1,050 x 238		283 x 770 x 198	
Machine weight kg	9		12		7	
Piping connections Liquid (flare) mm		ø6.4				
	ø9.5		ø12.7		ø15.9	ø9.5
		ø18.0				
Heat insulation	Both liquid and gas pipes					

Indoor unit						
Duct-connected type <700 mm width>						
Model name	CDKS25EAVMA	CDKS35EAVMA	CDXS25EAVMA	CDXS35EAVMA		
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz					
Airflow rates (H) Cooling m ³ /min (cfm)	8.7 (307)					
Heating	—					
Sound level* (H/L/SL) Cooling dB(A)		35/31/29				
Heating	—					
Fan speed	5 steps, quiet and automatic					
Temperature control	Microcomputer control					
Dimensions (H x W x D) mm	200 x 700 x 620					
Machine weight kg	21					
Piping connections Liquid (flare) mm	ø6.4					
Gas (flare)	ø9.5					
Drain		VP20 (External Dia. 26/Internal Dia. 20)				
Heat insulation	Both liquid and gas pipes					
External static pressure Pa	30					

Note: * The operation sound level values represent those for rear-suction operation and an external static pressure of 30 Pa for CDK(X)S-EA. Sound level values for bottom-suction operation can be obtained by adding 6 dB (A) to the CDK(X)S-EA values.

Duct-connected type <900/1,100 mm width>						
Heat pump						
Model name	CDKS25CVMA	CDKS35CVMA	CDKS50CVMA	CDKS60CVMA	FDXS25CVMA	FDXS35CVMA
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz					
Airflow rates (H) Cooling m ³ /min (cfm)	9.5 (335)	10.0 (353)	12.0 (424)	16.0 (565)	9.5 (335)	10.0 (353)
Heating	—				9.5 (335)	10.0 (353)
Sound level* (H/L/SL) Cooling dB (A)	35/31/29	37/33/31	38/34/3			

Options

Outdoor unit

No.	Item	2MXS50F	3MXS52	3MKS58E	3MXS68	3MKS75	4MXS80	4MKS90E	5MXS100L	5MKS100L
1	Air direction adjustment grille	KPW937A4					KPW945A4		KPW5E112	
2	Drain plug	KKP937A4		KKP937A4 ^{*1}			KKP945A4 ^{*2}			

Notes: *1. One set includes 5 pieces for 5 units.
*2. One set includes 1 piece for 1 unit.



Air direction adjustment grille
KPW945A4



Drain plug
KKP937A4

Indoor unit

No.	Item	Wall-mounted type			Duct-connected type		
		FTK(X)S20-35	FTK(X)S50-71F	FTX25/35G	CDK(X)S25/35EA	C(F)DK(X)S25-50C	C(F)DK(X)S60C
1	5-room centralised controller ^{*1}		KRC72	—		KRC72	
2	Wiring adaptor for time clock/remote controller ^{*2} (Normal open pulse contact/normal open contact)		KRP413AB1S	—		KRP413AB1S	
3	Titanium apatite photocatalytic air-purifying filter ^{*3}	KAF970A6	KAF952B42	KAF970A46	—		
4	Wireless remote controller loss prevention chain	KKF917A	KKF910A4		KKF917A4		
5	Suction grille	—			KDGF19A45		
6	Insulation kit for high humidity	—		KDT25N2	KDT25N50	KDT25N63	

Notes: *1. A wiring adaptor (KRP413AB1S) is also required for each indoor unit.

*2. Time clock and other devices should be obtained locally.

*3. Filter is a standard accessory. It should be replaced after approximately 3 years.



5-room centralised controller
KRC72



Titanium apatite photocatalytic air-purifying filter
KAF952B42



Remote controller loss prevention chain
KKF917A4

No.	Item	Compact multi flow ceiling-mounted cassette type				
1	Decoration panel		BYFQ60B8W1			
2	Remote controller	Wired type ^{*1}	BRC1C61			
		Wireless type	BRCE530W			
		Cooling only use	BRCE531W			
3	Adaptor for wiring ^{*2}		KRP1BA57			
4	Wiring adaptor for electrical appendices ^{*2}		KRP4AA53			
5	Installation box for adaptor PCB		KRP1BA101			
6	Remote sensor		KRCS01-1B			
7	Replacement long-life filter		KAFC441BA60			
8	Fresh air intake kit	Direct installation type	KDDQ44XA60			
9	Sealing member of air discharge outlet		KDBH44BA60			
10	Panel spacer		KDBQ44BA60A			

Notes: *1. Wiring for wired remote controller should be obtained locally.

*2. Installation box for adaptor PCB (KRP1BA101) is necessary.

Control system

No.	Item	Wall-mounted type			Duct-connected type	Compact multi flow ceiling-mounted cassette type
		FTK(X)S20-35	FTK(X)S50-71F	FTX25/35G		
1	Central remote controller*		DCS302CA61	—		DCS302CA61
2	Unified on/off controller*		DCS301BA61	—		DCS301BA61
3	Schedule timer*		DST301BA61	—		DST301BA61
4	Interface adaptor for DII-NET use	KRP928BB2S	—	KRP928BB2S		DTA112BA51

Note: * Interface adaptor for DII-NET use (KRP928BB2S or DTA112BA51) is also required for each indoor unit.



Central remote controller
DCS302CA61



Unified on/off controller
DCS301BA61



Schedule timer
DST301BA61

Cooling only type

230 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.–Max.)	Total power consumption (W) Rated (Min.–Max.)	Total current (A) Rated (Min.–Max.)
		A room	B room	C room	D room			
3MKS58EVMA	20	2.00				2.00 (1.76–3.06)	460 (350–810)	2.1 (1.6–3.4)
	25	2.50				2.50 (1.76–3.30)	620 (350–820)	2.8 (1.6–3.4)
	35	3.50				3.50 (1.76–4.56)	960 (350–1,510)	4.3 (1.6–5.7)
	50	5.00				5.00 (1.85–5.82)	1,540 (350–1,980)	6.8 (1.5–8.7)
	20+20	2.00	2.00			4.00 (1.88–5.96)	950 (350–1,910)	4.2 (1.5–8.4)
	20+25	2.00	2.50			4.50 (1.88–6.23)	1,180 (350–2,140)	5.2 (1.5–9.4)
	20+35	1.86	3.25			5.11 (1.88–6.24)	1,520 (350–2,070)	6.7 (1.5–9.1)
	20+50	1.56	3.90			5.46 (1.88–6.91)	1,400 (350–2,070)	6.1 (1.5–9.1)
	25+25	2.50	2.50			5.00 (1.88–6.23)	1,450 (350–2,140)	6.4 (1.5–9.4)
	25+35	2.18	3.05			5.23 (1.88–6.35)	1,580 (350–2,160)	6.9 (1.5–9.5)
	25+50	1.86	3.71			5.57 (1.88–6.91)	1,470 (350–2,070)	6.5 (1.5–9.1)
	35+35	2.73	2.73			5.46 (1.88–6.40)	1,720 (350–2,160)	7.6 (1.5–9.5)
	35+50	2.39	3.41			5.80 (1.88–6.92)	1,600 (350–2,080)	7.0 (1.5–9.1)
	50+50	2.90	2.90			5.80 (1.83–7.00)	1,540 (350–2,110)	6.8 (1.5–9.3)
	20+20+20	1.74	1.74	1.74		5.22 (1.86–7.04)	1,260 (350–2,160)	5.5 (1.5–9.5)
	20+20+25	1.64	1.64	2.05		5.33 (1.86–7.04)	1,310 (350–2,160)	5.8 (1.5–9.5)
	20+20+35	1.49	1.49	2.60		5.58 (1.95–7.06)	1,410 (370–2,160)	6.2 (1.6–9.5)
	20+20+50	1.29	1.29	3.22		5.80 (1.77–7.30)	1,540 (350–2,190)	6.8 (1.5–9.6)
	20+25+25	1.56	1.95	1.95		5.46 (1.86–7.04)	1,380 (350–2,160)	6.1 (1.5–9.5)
	20+25+35	1.42	1.78	2.49		5.69 (1.95–7.06)	1,480 (370–2,160)	6.5 (1.6–9.5)
	20+25+50	1.22	1.53	3.05		5.80 (1.77–7.30)	1,540 (350–2,240)	6.8 (1.5–9.8)
	20+35+35	1.28	2.26	2.26		5.80 (1.86–7.07)	1,570 (350–2,160)	6.9 (1.5–9.5)
	25+25+25	1.86	1.86	1.86		5.58 (1.95–7.04)	1,410 (370–2,160)	6.2 (1.6–9.5)
	25+25+35	1.71	1.71	2.38		5.80 (1.95–7.06)	1,570 (370–2,160)	6.9 (1.6–9.5)
	25+25+50	1.45	1.45	2.90		5.80 (1.77–7.30)	1	

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
3MKS75EVMA	25+25+71	1.55	1.55	4.40		7.50 (2.61–8.86)	2,240 (510–3,020)	9.8 (2.2–13.3)
	25+35+35	1.98	2.76	2.76		7.50 (2.29–8.23)	2,580 (450–3,070)	11.3 (2.0–13.5)
	25+35+50	1.70	2.39	3.41		7.50 (2.48–8.63)	2,360 (480–3,070)	10.4 (2.1–13.5)
	25+35+60	1.56	2.19	3.75		7.50 (2.60–8.84)	2,260 (510–2,960)	9.9 (2.2–13.0)
	25+35+71	1.43	2.00	4.07		7.50 (2.74–9.01)	2,220 (530–3,130)	9.7 (2.3–13.7)
	25+50+50	1.50	3.00	3.00		7.50 (2.70–8.92)	2,130 (500–3,030)	9.4 (2.2–13.3)
	25+50+60	1.39	2.78	3.33		7.50 (2.78–9.04)	2,080 (560–3,090)	9.1 (2.5–13.6)
	35+35+35	2.50	2.50	2.50		7.50 (2.41–8.53)	2,560 (480–3,150)	11.2 (2.1–13.8)
	35+35+50	2.19	2.19	3.12		7.50 (2.60–8.84)	2,360 (510–3,230)	10.4 (2.2–14.2)
	35+35+60	2.02	2.02	3.46		7.50 (2.72–8.98)	2,210 (530–3,040)	9.7 (2.3–13.4)
	35+50+50	1.94	2.78	2.78		7.50 (2.78–9.07)	2,130 (560–3,140)	9.4 (2.5–13.8)
4MKS90EVMA	20	2.00				2.00 (1.94–2.98)	560 (460–1,000)	2.5 (2.0–4.4)
	25	2.50				2.50 (2.01–3.49)	700 (490–1,150)	3.1 (2.2–5.1)
	35	3.50				3.50 (2.06–4.80)	1,120 (490–1,900)	5.0 (2.2–8.4)
	50	5.00				5.00 (2.23–5.37)	1,520 (500–1,700)	6.7 (2.2–7.5)
	60	6.00				6.00 (2.34–6.49)	1,880 (470–2,180)	8.3 (2.1–9.7)
	71	7.10				7.10 (2.46–7.23)	2,540 (500–2,650)	11.3 (2.2–11.8)
	20+20	2.00	2.00			4.00 (2.12–5.30)	1,120 (500–1,840)	5.0 (2.2–8.2)
	20+25	2.00	2.50			4.50 (2.17–5.73)	1,270 (470–1,930)	5.6 (2.1–8.6)
	20+35	2.00	3.50			5.50 (2.28–6.31)	1,700 (470–2,130)	7.5 (2.1–9.4)
	20+50	2.00	5.00			7.00 (2.45–7.17)	2,210 (510–2,320)	9.8 (2.3–10.3)
	20+60	1.84	5.52			7.36 (2.59–7.77)	2,430 (540–2,660)	10.8 (2.4–11.8)
	20+71	1.69	5.98			7.67 (2.75–8.22)	2,610 (570–2,960)	11.6 (2.5–13.1)
	25+25	2.50	2.50			5.00 (2.23–6.05)	1,390 (470–1,930)	6.2 (2.1–8.6)
	25+35	2.50	3.50			6.00 (2.34–6.49)	1,880 (470–2,180)	8.3 (2.1–9.7)
	25+50	2.40	4.81			7.21 (2.52–7.48)	2,320 (510–2,490)	10.3 (2.3–11.0)
	25+60	2.21	5.29			7.50 (2.67–8.03)	2,490 (540–2,840)	11.0 (2.4–12.6)
	25+71	2.03	5.78			7.81 (2.83–8.22)	2,720 (570–2,960)	12.1 (2.5–13.1)
	35+35	3.50	3.50			7.00 (2.45–7.17)	2,490 (500–2,600)	11.0 (2.2–11.5)
	35+50	3.09	4.41			7.50 (2.67–8.01)	2,540 (540–2,840)	11.3 (2.4–12.6)
	35+60	2.87	4.92			7.79 (2.81–8.21)	2,720 (570–2,960)	12.1 (2.5–13.1)
	35+71	2.63	5.32			7.95 (2.98–8.35)	2,780 (600–3,100)	12.3 (2.7–13.8)
	50+50	3.95	3.95			7.90 (2.89–8.74)	2,480 (580–3,040)	11.0 (2.6–13.5)
	50+60	3.73	4.48			8.21 (3.04–8.79)	2,660 (610–3,040)	11.8 (2.7–13.5)
	50+71	3.52	5.01			8.53 (3.20–8.99)	2,850 (640–3,180)	12.6 (2.8–14.1)
	60+60	4.25	4.25			8.50 (3.18–9.00)	2,850 (640–3,180)	12.6 (2.8–14.1)
	60+71	3.92	4.63			8.55 (3.35–9.02)	2,790 (670–3,180)	12.4 (3.0–14.1)
	71+71	4.33	4.33			8.66 (3.51–9.04)	2,790 (710–3,180)	12.4 (3.1–14.1)
	20+20+20	2.00	2.00	2.00		6.00 (2.34–6.63)	1,670 (510–1,960)	7.4 (2.3–8.7)
	20+20+25	2.00	2.00	2.50		6.50 (2.39–6.84)	1,910 (480–2,110)	8.5 (2.1–9.4)
	20+20+35	1.92	1.92	3.37		7.21 (2.52–7.48)	2,320 (510–2,490)	10.3 (2.3–11.0)
	20+20+50	1.70	1.70	4.24		7.64 (2.74–8.30)	2,310 (550–2,720)	10.2 (2.4–12.1)
	20+20+60	1.59	1.59	4.75		7.93 (2.89–8.74)	2,490 (580–2,980)	11.0 (2.6–13.2)
	20+20+71	1.48	1.48	5.28		8.24 (3.05–9.03)	2,670 (610–3,180)	11.8 (2.7–14.1)
	20+25+25	2.00	2.50	2.50		7.00 (2.45–7.17)	2,220 (510–2,270)	9.8 (2.3–10.1)
	20+25+35	1.84	2.30	3.22		7.36 (2.59–7.77)	2,440 (540–2,660)	10.8 (2.4–11.8)
	20+25+50	1.64	2.05	4.10		7.79 (2.81–8.53)	2,370 (580–2,850)	10.5 (2.6–12.6)
	20+25+60	1.54	1.92	4.61		8.07 (2.96–8.84)	2,550 (580–3,050)	11.3 (2.6–13.5)
	20+25+71	1.45	1.81	5.13		8.39 (3.12–9.03)	2,730 (610–3,180)	12.1 (2.7–14.1)
	20+35+35	1.70	2.97	2.97		7.64 (2.74–8.23)	2,610 (570–2,960)	11.6 (2.5–13.1)
	20+35+50	1.54	2.69	3.84		8.07 (2.96–8.81)	2,540 (580–3,040)	11.3 (2.6–13.5)
	20+35+60	1.45	2.54	4.37		8.36 (3.11–9.02)	2,730 (610–3,180)	12.1 (2.7–14.1)
	20+35+71	1.38	2.41	4.88		8.67 (3.27–9.04)	2,920 (640–3,180)	13.0 (2.8–14.1)
	20+50+50	1.42	3.54	3.54		8.50 (3.18–9.40)	2,530 (610–3,190)	11.2 (2.7–14.2)
	20+50+60	1.35	3.38	4.06		8.79 (3.33–9.61)	2,660 (640–3,270)	11.8 (2.8–14.5)
	20+50+71	1.28	3.19	4.53		9.00 (3.49–9.63)	2,730 (670–3,270)	12.1 (3.0–14.5)
	20+60+60	1.28	3.86	3.86		9.00 (3.48–9.64)	2,730 (670–3,270)	12.1 (3.0–14.5)
	20+60+71	1.19	3.58	4.23		9.00 (3.64–9.80)	2,670 (710–3,420)	11.8 (3.1–15.2)
	25+25+25	2.40	2.40			7.20 (2.52–7.48)	2,320 (510–2,490)	10.3 (2.3–11.0)
	25+25+35	2.21	2.21	3.08		7.50 (2.67–8.04)	2,490 (540–2,840)	11.0 (2.4–12.6)
	25+25+50	1.98	1.98	3.97		7.93 (2.89–8.74)	2,480 (580–3,040)	11.0 (2.6–13.5)
	25+25+60	1.87	1.87	4.47		8.21 (3.04–8.84)	2,670 (610–3,050)	11.8 (2.7–14.1)
	25+25+71	1.76	1.76	5.01		8.53 (3.20–9.03)	2,860 (640–3,180)	12.7 (2.8–14.1)
	25+35+35	2.05	2.87	2.87		7.79 (2.81–8.23)	2,660 (570–2,960)	11.8 (2.5–13.1)
	25+35+50	1.87	2.61	3.73		8.21 (3.04–8.81)	2,660 (610–3,040)	11.8 (2.7–13.5)
	25+35+60	1.77	2.48	4.25		8.50 (3.18–9.02)	2,850 (640–3,180)	

Heat pump type

230 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)		Total capacity (kW) Rated (Min.–Max.)	Total power consumption (W) Rated (Min.–Max.)	Total current (A) Rated (Min.–Max.)
		A room	B room			
2MXS50FV1B Cooling capacity	25	2.50		2.50 (1.53–3.10)	660 (330– 920)	3.2 (1.6–4.4)
	35	3.50		3.50 (1.53–4.00)	1,090 (330–1,420)	5.2 (1.6–6.8)
	25+25	2.50	2.50	5.00 (1.81–5.20)	1,560 (330–1,710)	7.5 (1.6–8.2)
	25+35	2.08	2.92	5.00 (1.81–5.30)	1,530 (330–1,760)	7.3 (1.6–8.4)
	35+35	2.50	2.50	5.00 (1.81–5.30)	1,500 (330–1,720)	7.2 (1.6–8.2)
2MXS50FV1B Heating capacity	25	3.40		3.40 (1.21–4.10)	980 (250–1,330)	4.7 (1.2–6.4)
	35	4.00		4.00 (1.21–4.60)	1,240 (250–1,530)	5.9 (1.2–7.3)
	25+25	2.80	2.80	5.60 (1.28–5.80)	1,450 (240–1,550)	6.9 (1.1–7.4)
	25+35	2.38	3.32	5.70 (1.34–6.00)	1,480 (250–1,640)	7.1 (1.2–7.8)
	35+35	2.85	2.85	5.70 (1.40–6.10)	1,460 (250–1,650)	7.0 (1.2–7.9)

Notes: 1. Cooling operation data is based on the following conditions: indoor temp. 27 °CDB, 19 °CWB; outdoor temp. 35 °CDB.

2. Heating operation data is based on the following conditions: indoor temp. 20 °CDB; outdoor temp. 7 °CDB, 6 °CWB.

3. Total capacity of connected indoor units is: up to 8.5 kW.

4. A single indoor unit cannot be connected.

5. The above is the value for connecting with the following indoor units: FTXS25/35EVMA, FTX25/35GV1B.

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.–Max.)	Total power consumption (W) Rated (Min.–Max.)	Total current (A) Rated (Min.–Max.)
		A room	B room	C room	D room			
3MXS52EVMA Cooling capacity	20	2.00				2.00 (1.76–2.84)	460 (350– 740)	2.1 (1.6– 3.4)
	25	2.50				2.50 (1.76–3.24)	620 (350– 800)	2.8 (1.6– 3.6)
	35	3.50				3.50 (1.76–4.52)	970 (350–1,510)	4.3 (1.6– 6.7)
	50	5.00				5.00 (1.85–5.80)	1,540 (350–2,100)	6.8 (1.5– 9.2)
	20+20	2.00	2.00			4.00 (1.88–5.96)	950 (350–1,910)	4.2 (1.5– 8.4)
	20+25	2.00	2.50			4.50 (1.88–6.23)	1,180 (350–2,140)	5.2 (1.5– 9.4)
	20+35	1.89	3.31			5.20 (1.88–6.24)	1,550 (350–2,140)	6.8 (1.5– 9.4)
	20+50	1.49	3.71			5.20 (1.88–6.91)	1,280 (350–2,070)	5.6 (1.5– 9.1)
	25+25	2.50	2.50			5.00 (1.88–6.23)	1,450 (350–2,140)	6.4 (1.5– 9.4)
	25+35	2.17	3.03			5.20 (1.88–6.35)	1,550 (350–2,250)	6.8 (1.5– 9.9)
	25+50	1.73	3.47			5.20 (1.88–6.91)	1,280 (350–2,070)	5.6 (1.5– 9.1)
	35+35	2.60	2.60			5.20 (1.88–6.40)	1,550 (350–2,250)	6.8 (1.5– 9.9)
	35+50	2.14	3.06			5.20 (1.88–6.92)	1,260 (350–2,080)	5.6 (1.5– 9.2)
	20+20+20	1.73	1.73	1.73		5.19 (1.86–7.04)	1,240 (350–2,160)	5.4 (1.5– 9.5)
	20+20+25	1.60	1.60	1.99		5.19 (1.86–7.04)	1,240 (350–2,160)	5.4 (1.5– 9.5)
	20+20+35	1.38	1.38	2.43		5.19 (1.95–7.06)	1,240 (370–2,160)	5.4 (1.6– 9.5)
	20+25+25	1.49	1.85	1.85		5.19 (1.86–7.04)	1,240 (350–2,160)	5.4 (1.5– 9.5)
	20+25+35	1.30	1.63	2.27		5.20 (1.95–7.06)	1,240 (370–2,160)	5.4 (1.6– 9.5)
	20+35+35	1.16	2.02	2.02		5.20 (1.95–7.07)	1,240 (370–2,160)	5.4 (1.6– 9.5)
	25+25+25	1.73	1.73	1.73		5.19 (1.95–7.04)	1,240 (370–2,160)	5.4 (1.6– 9.5)
	25+25+35	1.53	1.53	2.14		5.20 (1.95–7.06)	1,230 (370–2,160)	5.4 (1.6– 9.5)
	20+20+50	1.16	1.16	2.88		5.20 (2.04–7.30)	1,220 (390–2,190)	5.4 (1.7– 9.6)
3MXS52EVMA Heating capacity	20	2.72				2.72 (1.21–3.75)	720 (300–1,200)	3.3 (1.4– 5.4)
	25	3.40				3.40 (1.21–4.00)	990 (300–1,260)	4.4 (1.3– 5.6)
	35	4.20				4.20 (1.21–4.82)	1,390 (300–1,680)	6.2 (1.3– 7.5)
	50	5.80				5.80 (1.30–6.79)	1,740 (300–2,510)	7.6 (1.3–11.0)
	20+20	3.05	3.05			6.10 (1.28–7.00)	1,700 (310–2,280)	7.5 (1.4–10.0)
	20+25	2.78	3.47			6.25 (1.28–7.00)	1,750 (310–2,280)	7.7 (1.4–10.0)
	20+35	2.38	4.17			6.55 (1.34–7.04)	1,860 (310–2,280)	8.2 (1.4–10.0)
	20+50	1.94	4.86			6.80 (1.36–7.95)	1,520 (310–2,220)	6.7 (1.4– 9.7)
	25+25	3.25				6.50 (1.28–7.00)	1,860 (310–2,310)	8.2 (1.4–10.1)
	25+35	2.79	3.97			6.70 (1.34–7.19)	1,930 (310–2,360)	8.5 (1.4–10.4)
	25+50	2.27	4.53			6.80 (1.42–7.95)	1,520 (310–2,220)	6.7 (1.4– 9.7)
	35+35	3.40	3.40			6.80 (1.40–7.22)	1,970 (310–2,350)	8.7 (1.4–10.3)
	35+50	2.80	4.00			6.80 (1.42–7.98)	1,520 (310–2,210)	6.7 (1.4– 9.7)
	20+20+20	2.26	2.26	2.26		6.78 (1.34–8.02)	1,570 (320–2,140)	6.9 (1.4– 9.4)
	20+20+25	2.09	2.09	2.60		6.78 (1.34–8.02)	1,570 (320–2,140)	6.9 (1.4– 9.4)
	20+20+35	1.80	1.80	3.18		6.78 (1.45–8.05)	1,560 (320–2,140)	6.9 (1.4– 9.4)
	20+25+25	1.94	2.42	2.42		6.78 (1.34–8.02)	1,570 (320–2,140)	6.9 (1.4– 9.4)
	20+25+35	1.70	2.13	2.97		6.80 (1.57–8.05)	1,560 (320–2,140)	6.9 (1.4– 9.4)
	20+35+35	1.52	2.64	2.64		6.80 (1.56–8.08)	1,560 (320–2,140)	6.9 (1.4– 9.4)
	25+25+25	2.26	2.26	2.26		6.78 (1.45–8.02)	1,570 (320–2,140)	6.9 (1.4– 9.4)
	25+25+35	2.00	2.00	2.80		6.80 (1.57–8.05)	1,560 (320–2,140)	6.9 (1.4– 9.4)
	20+20+50	1.51	1.51	3.78		6.80 (1.64–8.30)	1,420 (320–2,040)	6.2 (1.4– 9.0)

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.–Max.)	Total power consumption (W) Rated (Min.–Max.)	Total current (A) Rated (Min.–Max.)
		A room	B room	C room	D room			

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
4MXS80EVMA	20	2.00				2.00 (1.80– 2.99)	600 (460–1,070)	2.7 (2.0– 4.7)
	25	2.50				2.50 (1.87– 3.52)	780 (490–1,350)	3.5 (2.2– 6.0)
	35	3.50				3.50 (1.91– 4.85)	1,190 (490–1,570)	5.3 (2.2– 7.0)
	50	5.00				5.00 (2.07– 5.65)	1,670 (470–1,810)	7.4 (2.1– 8.0)
	60	6.00				6.00 (2.17– 6.60)	2,010 (470–2,430)	8.9 (2.1–10.8)
	71	7.10				7.10 (2.28– 7.26)	2,710 (500–2,830)	12.0 (2.2–12.6)
	20+20	2.00	2.00			4.00 (1.97– 5.30)	1,190 (470–1,670)	5.3 (2.1– 7.4)
	20+25	2.00	2.50			4.50 (2.02– 5.73)	1,360 (470–1,810)	6.0 (2.1– 8.0)
	20+35	2.00	3.50			5.50 (2.12– 6.38)	1,810 (470–2,110)	8.0 (2.1– 9.4)
	20+50	2.00	5.00			7.00 (2.27– 7.30)	2,360 (510–2,530)	10.5 (2.3–11.2)
	20+60	1.83	5.48			7.31 (2.41– 7.90)	2,530 (510–2,960)	11.2 (2.3–13.1)
	20+71	1.66	5.90			7.56 (2.56– 8.22)	2,690 (540–3,160)	11.9 (2.4–14.0)
	25+25	2.50	2.50			5.00 (2.07– 6.17)	1,440 (430–2,110)	6.4 (1.9– 9.4)
	25+35	2.50	3.50			6.00 (2.17– 6.60)	2,010 (470–2,370)	8.9 (2.1–10.5)
	25+50	2.40	4.79			7.19 (2.34– 7.59)	2,470 (510–2,770)	11.0 (2.3–12.3)
	25+60	2.18	5.24			7.42 (2.48– 8.03)	2,590 (540–3,030)	11.5 (2.4–13.4)
	25+71	2.00	5.68			7.68 (2.63– 8.22)	2,730 (580–3,160)	12.1 (2.6–14.0)
	35+35	3.50	3.50			7.00 (2.27– 7.27)	2,650 (500–2,830)	11.8 (2.2–12.6)
	35+50	3.06	4.36			7.42 (2.48– 8.01)	2,650 (540–3,030)	11.8 (2.4–13.4)
	35+60	2.82	4.83			7.65 (2.61– 8.54)	2,700 (580–3,560)	12.0 (2.6–15.8)
	35+71	2.61	5.30			7.91 (2.77– 8.23)	2,970 (610–3,160)	13.2 (2.7–14.0)
	50+50	3.88	3.88			7.76 (2.68– 8.76)	2,580 (580–3,240)	11.4 (2.6–14.4)
	50+60	3.64	4.36			8.00 (2.82– 8.79)	2,710 (610–3,250)	12.0 (2.7–14.4)
	50+71	3.31	4.69			8.00 (2.97– 8.99)	2,710 (650–3,390)	12.0 (2.9–15.0)
	60+60	4.00	4.00			8.00 (2.96– 9.00)	2,650 (610–3,390)	11.8 (2.7–15.0)
	60+71	3.66	4.34			8.00 (3.11– 9.02)	2,590 (650–3,390)	11.5 (2.9–15.0)
	71+71	4.00	4.00			8.00 (3.26– 9.04)	2,530 (680–3,400)	11.2 (3.0–15.1)
	20+20+20	2.00	2.00	2.00		6.00 (2.17– 6.63)	1,780 (510–2,090)	7.9 (2.3– 9.3)
	20+20+25	2.00	2.00	2.50		6.50 (2.22– 6.95)	2,030 (510–2,310)	9.0 (2.3–10.2)
	20+20+35	1.92	1.92	3.35		7.19 (2.34– 7.61)	2,480 (510–2,720)	11.0 (2.3–12.1)
	20+20+50	1.68	1.68	4.18		7.54 (2.55–8.40)	2,400 (550–2,970)	10.6 (2.4–13.2)
	20+20+60	1.55	1.55	4.67		7.77 (2.68–8.82)	2,530 (580–3,250)	11.2 (2.6–14.4)
	20+20+71	1.44	1.44	5.12		8.00 (2.83–9.03)	2,650 (610–3,400)	11.8 (2.7–15.1)
	20+25+25	2.00	2.50	2.50		7.00 (2.27–7.30)	2,360 (510–2,540)	10.5 (2.3–11.3)
	20+25+35	1.83	2.28	3.20		7.31 (2.41–7.90)	2,540 (510–2,970)	11.3 (2.3–13.2)
	20+25+50	1.61	2.01	4.03		7.65 (2.61–8.62)	2,460 (550–3,110)	10.9 (2.4–13.8)
	20+25+60	1.50	1.88	4.50		7.88 (2.75–8.84)	2,590 (580–3,250)	11.5 (2.6–14.4)
	20+25+71	1.38	1.72	4.90		8.00 (2.90–9.03)	2,650 (610–3,400)	11.8 (2.7–15.1)
	20+35+35	1.68	2.93	2.93		7.54 (2.55–8.23)	2,720 (540–3,160)	12.1 (2.4–14.0)
	20+35+50	1.50	2.63	3.75		7.88 (2.75–8.81)	2,580 (580–3,250)	11.4 (2.6–14.4)
	20+35+60	1.39	2.43	4.18		8.00 (2.89–9.02)	2,590 (610–3,390)	11.5 (2.7–15.0)
	20+35+71	1.27	2.22	4.51		8.00 (3.04–9.07)	2,530 (650–3,400)	11.2 (2.9–15.1)
	20+50+50	1.34	3.33	3.33		8.00 (2.96–9.39)	2,380 (620–3,330)	10.6 (2.8–14.8)
	20+50+60	1.23	3.08	3.69		8.00 (3.09–9.54)	2,320 (650–3,480)	10.3 (2.9–15.4)
	20+50+71	1.13	2.84	4.03		8.00 (3.25–9.60)	2,260 (650–3,490)	10.0 (2.9–15.5)
	20+60+60	1.14	3.43	3.43		8.00 (3.23–9.60)	2,380 (650–3,490)	10.6 (2.9–15.5)
	25+25+25	2.40	2.40	2.40		7.20 (2.34–7.61)	2,480 (510–2,720)	11.0 (2.3–12.1)
	25+25+35	2.18	2.18	3.06		7.42 (2.48–8.05)	2,600 (540–3,030)	11.5 (2.4–13.4)
	25+25+50	1.94	1.94	3.89		7.77 (2.68–8.80)	2,520 (580–3,240)	11.2 (2.6–14.4)
	25+25+60	1.82	1.82	4.36		8.00 (2.82–8.84)	2,650 (610–3,250)	11.8 (2.7–14.4)
	25+25+71	1.65	1.65	4.70		8.00 (2.97–9.03)	2,590 (610–3,400)	11.5 (2.7–15.1)
	25+35+35	2.01	2.82	2.82		7.65 (2.61–8.34)	2,780 (580–3,090)	12.3 (2.6–13.7)
	25+35+50	1.81	2.55	3.64		8.00 (2.82–8.81)	2,710 (610–3,250)	12.0 (2.7–14.4)
	25+35+60	1.67	2.33	4.00		8.00 (2.96–9.02)	2,650 (610–3,390)	11.8 (2.7–15.0)
	25+35+71	1.52	2.14	4.34		8.00 (3.11–9.07)	2,590 (650–3,400)	11.5 (2.9–15.1)
	25+50+50	1.60	3.20	3.20		8.00 (3.03–9.47)	2,380 (620–3,400)	10.6 (2.8–15.1)
	25+50+60	1.48	2.96	3.56		8.00 (3.16–9.58)	2,320 (650–3,480)	10.3 (2.9–15.4)
	25+60+60	1.38	3.31	3.31		8.00 (3.30–9.60)	2,260 (680–3,490)	10.0 (3.0–15.5)
	35+35+35	2.63	2.63	2.63		7.89 (2.75–8.58)	2,900 (610–3,160)	12.9 (2.7–14.0)
	35+35+50	2.33	2.33	3.34		8.00 (2.96–8.99)	2,710 (610–3,390)	12.0 (2.7–15.0)
	35+35+60	2.15	2.15	3.70		8.00 (3.09–9.07)	2,650 (650–3,390)	11.8 (2.9–15.0)
	35+35+71	1.99	1.99	4.02		8.00 (3.25–9.05)	2,590 (680–3,400)	11.5 (3.0–15.1)
	35+50+50	2.08	2.96	2.96		8.00 (3.16–9.58)	2,380 (650–3,480)	10.6 (2.9–15.4)
	35+50+60	1.93	2.76	3.31		8.00 (3.30–9.60)	2,320 (680–3,490)	10.3 (3.0–15.5)
	20+20+20+20	1.83	1.83	1.83	1.83	7.32 (2.41–7.90)	2,110 (520–2,460)	9.4 (2.3–10.9)
	20+20+20+25	1.75	1.75	1				

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
4MXS80EVMA	25+25+50	2.40	2.40	4.80		9.60 (3.28–10.32)	2,420 (620–2,740)	10.7 (2.8–12.2)
	25+25+60	2.18	2.18	5.24		9.60 (3.55–10.35)	2,410 (660–2,720)	10.7 (2.9–12.1)
	25+25+71	1.98	1.98	5.64		9.60 (3.85–10.39)	2,400 (700–2,710)	10.6 (3.1–12.0)
	25+35+35	2.52	3.54	3.54		9.60 (3.15–10.01)	2,580 (640–2,790)	11.4 (2.8–12.4)
	25+35+50	2.19	3.05	4.36		9.60 (3.55–10.32)	2,420 (670–2,740)	10.7 (3.0–12.2)
	25+35+60	2.00	2.80	4.80		9.60 (3.82–10.36)	2,410 (710–2,720)	10.7 (3.1–12.1)
	25+35+71	1.84	2.56	5.20		9.60 (4.12–10.39)	2,400 (750–2,710)	10.6 (3.3–12.0)
	25+50+50	1.92	3.84	3.84		9.60 (3.96–10.64)	2,260 (680–2,670)	10.0 (3.0–11.8)
	25+50+60	1.77	3.56	4.27		9.60 (4.23–10.67)	2,250 (730–2,660)	10.0 (3.2–11.8)
	25+60+60	1.66	3.97	3.97		9.60 (4.50–10.71)	2,230 (770–2,640)	9.9 (3.4–11.7)
	35+35+35	3.20	3.20	3.20		9.60 (3.42–10.02)	2,580 (690–2,790)	11.4 (3.1–12.4)
	35+35+50	2.80	2.80	4.00		9.60 (3.82–10.33)	2,420 (710–2,730)	10.7 (3.1–12.1)
	35+35+60	2.58	2.58	4.44		9.60 (4.09–10.37)	2,400 (760–2,720)	10.6 (3.4–12.1)
	35+35+71	2.38	2.38	4.84		9.60 (4.39–10.40)	2,390 (800–2,710)	10.6 (3.5–12.0)
	35+50+50	2.48	3.56	3.56		9.60 (4.23–10.64)	2,260 (730–2,670)	10.0 (3.2–11.8)
	35+50+60	2.32	3.31	3.97		9.60 (4.50–10.68)	2,250 (780–2,650)	10.0 (3.5–11.8)
	20+20+20+20	2.32	2.32	2.32	2.32	9.28 (2.74–9.45)	2,410 (510–2,510)	10.7 (2.3–11.1)
	20+20+20+25	2.26	2.26	2.26	2.82	9.60 (2.88–9.60)	2,510 (550–2,510)	11.1 (2.4–11.1)
	20+20+20+35	2.02	2.02	2.02	3.54	9.60 (3.15–10.37)	2,410 (590–2,720)	10.7 (2.6–12.1)
	20+20+20+50	1.75	1.75	1.75	4.35	9.60 (3.55–10.68)	2,250 (580–2,650)	10.0 (2.6–11.8)
	20+20+20+60	1.60	1.60	1.60	4.80	9.60 (3.82–10.72)	2,230 (620–2,640)	9.9 (2.8–11.7)
	20+20+20+71	1.47	1.47	1.47	5.19	9.60 (4.12–10.75)	2,220 (690–2,630)	9.8 (3.1–11.7)
	20+20+25+25	2.13	2.13	2.67	2.67	9.60 (3.01–10.36)	2,410 (570–2,720)	10.7 (2.5–12.1)
	20+20+25+35	1.92	1.92	2.40	3.36	9.60 (3.28–10.37)	2,410 (610–2,720)	10.7 (2.7–12.1)
	20+20+25+50	1.67	1.67	2.09	4.17	9.60 (3.69–10.68)	2,250 (610–2,650)	10.0 (2.7–11.8)
	20+20+25+60	1.54	1.54	1.92	4.60	9.60 (3.96–10.72)	2,230 (640–2,640)	9.9 (2.8–11.7)
	20+20+25+71	1.41	1.41	1.76	5.02	9.60 (4.26–10.75)	2,220 (710–2,630)	9.8 (3.1–11.7)
	20+20+35+35	1.75	1.75	3.05	3.05	9.60 (3.55–10.38)	2,400 (660–2,720)	10.6 (2.9–12.1)
	20+20+35+50	1.54	1.54	2.69	3.83	9.60 (3.96–10.69)	2,240 (670–2,650)	9.9 (3.0–11.8)
	20+20+35+60	1.42	1.42	2.49	4.27	9.60 (4.23–10.73)	2,230 (720–2,640)	9.9 (3.2–11.7)
	20+20+50+50	1.37	1.37	3.43	3.43	9.60 (4.36–11.00)	2,090 (660–2,590)	9.3 (2.9–11.5)
	20+25+25+25	2.01	2.53	2.53	2.53	9.60 (3.15–10.36)	2,410 (590–2,720)	10.7 (2.6–12.1)
	20+25+25+35	1.82	2.29	2.29	3.20	9.60 (3.42–10.37)	2,410 (640–2,720)	10.7 (2.8–12.1)
	20+25+25+50	1.60	2.00	2.00	4.00	9.60 (3.82–10.68)	2,250 (630–2,650)	10.0 (2.8–11.8)
	20+25+25+60	1.47	1.85	1.85	4.43	9.60 (4.09–10.72)	2,230 (690–2,640)	9.9 (3.1–11.7)
	20+25+25+71	1.37	1.70	1.70	4.83	9.60 (4.39–10.75)	2,220 (740–2,630)	9.8 (3.3–11.7)
	20+25+35+35	1.67	2.09	2.92	2.92	9.60 (3.69–10.38)	2,400 (680–2,720)	10.6 (3.0–12.1)
	20+25+35+50	1.48	1.85	2.58	3.69	9.60 (4.09–10.69)	2,240 (700–2,650)	9.9 (3.1–11.8)
	20+25+35+60	1.38	1.71	2.40	4.11	9.60 (4.36–10.73)	2,230 (740–2,640)	9.9 (3.3–11.7)
	20+25+50+50	1.32	1.66	3.31	3.31	9.60 (4.50–11.00)	2,090 (710–2,590)	9.3 (3.1–11.5)
	20+35+35+35	1.53	2.69	2.69	2.69	9.60 (3.96–10.38)	2,400 (730–2,710)	10.6 (3.2–12.0)
	20+35+35+50	1.37	2.40	2.40	3.43	9.60 (4.36–10.70)	2,240 (750–2,650)	9.9 (3.3–11.8)
	25+25+25+25	2.40	2.40	2.40	2.40	9.60 (3.28–10.36)	2,410 (610–2,720)	10.7 (2.7–12.1)
	25+25+25+35	2.18	2.18	2.18	3.06	9.60 (3.55–10.37)	2,410 (660–2,720)	10.7 (2.9–12.1)
	25+25+25+50	1.92	1.92	1.92	3.84	9.60 (3.96–10.68)	2,250 (680–2,650)	10.0 (3.0–11.8)
	25+25+25+60	1.78	1.78	1.78	4.26	9.60 (4.23–10.72)	2,230 (720–2,640)	9.9 (3.2–11.7)
	25+25+35+35	2.00	2.00	2.80	2.80	9.60 (3.82–10.38)	2,400 (710–2,720)	10.6 (3.1–12.1)
	25+25+35+50	1.78	1.78	2.49	3.55	9.60 (4.23–10.69)	2,240 (720–2,650)	9.9 (3.2–11.8)
	25+25+35+60	1.66	1.66	2.32	3.96	9.60 (4.50–10.73)	2,230 (770–2,640)	9.9 (3.4–11.7)
	25+35+35+35	1.86	2.58	2.58	2.58	9.60 (4.09–10.38)	2,400 (760–2,710)	10.6 (3.4–12.0)
	25+35+35+50	1.65	2.32	2.32	3.31	9.60 (4.50–10.70)	2,240 (770–2,650)	9.9 (3.4–11.8)
	35+35+35+35	2.40	2.40	2.40	2.40	9.60 (4.36–10.39)	2,400 (810–2,710)	10.6 (3.6–12.0)

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)					Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room	E room			
5MXS100LVMA	20+60+71	1.32	3.97	4.71			10.00 (3.29–12.40)	2,740 (480–3,980)	11.8 (2.1–17.1)
	25+25+25	2.46	2.46	2.46			7.39 (3.01–10.03)	1,960 (480–3,520)	8.4 (2.1–15.2)

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)					Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room	E room			
5MXS100LVMA	20+20+20+20+35	1.74	1.74	1.74	1.74	3.04	10.00 (3.31-12.55)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+20+20+20+50	1.54	1.54	1.54	1.54	3.84	10.00 (3.34-12.71)	2,600 (480-3,960)	11.2 (2.1-17.1)
	20+20+20+20+60	1.43	1.43	1.43	1.43	4.28	10.00 (3.34-12.71)	2,600 (480-3,950)	11.2 (2.1-17.0)
	20+20+20+20+71	1.32	1.32	1.32	1.32	4.72	10.00 (3.34-12.71)	2,600 (480-3,940)	11.2 (2.1-17.0)
	20+20+20+25+25	1.82	1.82	1.82	2.27	2.27	10.00 (3.30-12.50)	2,740 (480-3,980)	11.8 (2.1-17.1)
	20+20+20+25+35	1.67	1.67	1.67	2.08	2.91	10.00 (3.31-12.55)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+20+20+25+50	1.48	1.48	1.48	1.85	3.71	10.00 (3.34-12.71)	2,600 (480-3,960)	11.2 (2.1-17.1)
	20+20+20+25+60	1.38	1.38	1.38	1.72	4.14	10.00 (3.34-12.71)	2,600 (480-3,950)	11.2 (2.1-17.0)
	20+20+20+25+71	1.28	1.28	1.28	1.60	4.56	10.00 (3.34-12.71)	2,600 (480-3,940)	11.2 (2.1-17.0)
	20+20+20+35+35	1.54	1.54	1.54	2.69	2.69	10.00 (3.32-12.59)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+20+20+35+50	1.38	1.38	1.38	2.41	3.45	10.00 (3.34-12.71)	2,600 (480-3,960)	11.2 (2.1-17.1)
	20+20+20+35+60	1.29	1.29	1.29	2.26	3.87	10.00 (3.34-12.71)	2,600 (480-3,950)	11.2 (2.1-17.0)
	20+20+25+25+25	1.74	1.74	2.17	2.17	2.17	10.00 (3.30-12.50)	2,740 (480-3,980)	11.8 (2.1-17.1)
	20+20+25+25+35	1.60	1.60	2.00	2.00	2.80	10.00 (3.31-12.55)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+20+25+25+50	1.43	1.43	1.79	1.79	3.56	10.00 (3.34-12.71)	2,600 (480-3,960)	11.2 (2.1-17.1)
	20+20+25+25+60	1.33	1.33	1.67	1.67	4.00	10.00 (3.34-12.71)	2,600 (480-3,950)	11.2 (2.1-17.0)
	20+20+25+35+35	1.48	1.48	1.86	2.59	2.59	10.00 (3.32-12.59)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+20+25+35+50	1.33	1.33	1.68	2.33	3.33	10.00 (3.34-12.71)	2,600 (480-3,950)	11.2 (2.1-17.0)
	20+20+35+35+35	1.38	1.38	2.41	2.41	2.41	10.00 (3.32-12.62)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+25+25+25+25	1.68	2.08	2.08	2.08	2.08	10.00 (3.30-12.50)	2,740 (480-3,980)	11.8 (2.1-17.1)
	20+25+25+25+35	1.54	1.92	1.92	1.92	2.70	10.00 (3.31-12.55)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+25+25+25+50	1.38	1.72	1.72	1.72	3.46	10.00 (3.34-12.71)	2,600 (480-3,960)	11.2 (2.1-17.1)
	20+25+25+25+60	1.29	1.61	1.61	1.61	3.88	10.00 (3.34-12.71)	2,600 (480-3,950)	11.2 (2.1-17.0)
	20+25+25+35+35	1.42	1.79	1.79	2.50	2.50	10.00 (3.32-12.59)	2,670 (480-3,970)	11.5 (2.1-17.1)
	20+25+25+35+50	1.29	1.61	1.61	2.26	3.23	10.00 (3.34-12.71)	2,600 (480-3,960)	11.2 (2.1-17.1)
	20+25+35+35+35	1.33	1.67	2.33	2.33	2.33	10.00 (3.32-12.62)	2,670 (480-3,970)	11.5 (2.1-17.1)
	25+25+25+25+25	2.00	2.00	2.00	2.00	2.00	10.00 (3.30-12.50)	2,740 (480-3,980)	11.8 (2.1-17.1)
	25+25+25+25+35	1.85	1.85	1.85	2.60	10.00 (3.31-12.55)	2,670 (480-3,970)	11.5 (2.1-17.1)	
	25+25+25+25+50	1.67	1.67	1.67	1.67	3.32	10.00 (3.34-12.71)	2,600 (480-3,960)	11.2 (2.1-17.1)
	25+25+25+35+35	1.72	1.72	1.72	2.42	2.42	10.00 (3.32-12.59)	2,670 (480-3,970)	11.5 (2.1-17.1)
	25+25+35+35+35	1.61	1.61	2.26	2.26	2.26	10.00 (3.32-12.62)	2,670 (480-3,970)	11.5 (2.1-17.1)
5MXS100LVMA	20	2.53				2.53 (2.48 4.64)	460 (430-1,030)	2.0 (1.9 4.5)	
	25	3.16				3.16 (2.48 5.25)	620 (430-1,240)	2.7 (1.9 5.4)	
	35	4.43				4.43 (2.48 6.02)	970 (430-1,510)	4.2 (1.9 6.5)	
	50	6.33				6.33 (2.49 7.74)	1,570 (420-2,150)	6.7 (1.9 9.3)	
	60	7.60				7.60 (2.49 8.67)	2,060 (420-2,550)	8.8 (1.9-11.0)	
	71	8.99				8.99 (2.50-10.15)	2,590 (420-3,320)	11.1 (1.9-14.3)	
	20+20	2.54	2.54			5.07 (2.50 9.62)	1,170 (420-2,620)	5.0 (1.9-11.3)	
	20+25	2.53	3.17			5.70 (2.50 9.83)	1,360 (420-2,740)	5.8 (1.9-11.8)	
	20+35	2.53	4.44			6.97 (2.50-10.77)	1,770 (420-3,350)	7.6 (1.9-14.4)	
	20+50	2.53	6.34			8.87 (2.50-11.35)	2,450 (410-3,630)	10.5 (1.8-15.6)	
	20+60	2.34	7.02			9.36 (2.50-11.37)	2,610 (410-3,580)	11.2 (1.8-15.4)	
	20+71	2.16	7.65			9.81 (2.50-11.40)	2,690 (410-3,420)	11.6 (1.8-14.7)	
	25+25	3.17	3.17			6.33 (2.50-10.22)	1,570 (420-3,010)	6.7 (1.9-13.0)	
	25+35	3.17	4.43			7.60 (2.50-10.93)	2,000 (420-3,480)	8.6 (1.9-15.0)	
	25+50	3.05	6.11			9.16 (2.50-11.35)	2,580 (410-3,630)	11.1 (1.8-15.6)	
	25+60	2.81	6.76			9.57 (2.50-11.37)	2,740 (410-3,580)	11.8 (1.8-15.4)	
	25+71	2.61	7.41			10.02 (2.50-11.40)	2,750 (410-3,420)	11.8 (1.8-14.7)	
	35+35	4.44	4.44			8.87 (2.50-11.33)	2,520 (410-3,750)	10.8 (1.8-16.2)	
	35+50	3.94	5.63			9.57 (2.50-11.37)	2,720 (410-3,560)	11.7 (1.8-15.3)	
	35+60	3.67	6.30			9.97 (2.50-11.38)	2,820 (410-3,510)	12.1 (1.8-15.1)	
	35+71	3.44	6.98			10.42 (2.50-11.41)	2,890 (410-3,360)	12.4 (1.8-14.5)	
	50+50	5.09	5.09			10.18 (2.50-11.61)	2,790 (410-3,570)	12.0 (1.8-15.4)	
	50+60	4.81	5.78			10.59 (2.50-11.62)	2,940 (410-3,510)	12.6 (1.8-15.1)	
	50+71	4.55	6.45			11.00 (2.50-11.64)	3,000 (400-3,360)	12.9 (1.8-14.5)	
	60+60	5.50	5.50			10.99 (2.50-11.63)	3,090 (400-3,470)	13.3 (1.8-15.0)	
	60+71	5.04	5.96			11.00 (2.49-11.65)	2,970 (400-3,320)	12.8 (1.8-14.3)	
	71+71	5.50	5.50			11.00 (2.49-11.65			

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)					Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room	E room			
5MXS100LVMA	35+35+35+35	2.75	2.75	2.75	2.75		11.00 (3.08-12.50)	2,480 (480-3,500)	10.7 (2.1-15.1)
	35+35+35+50	2.48	2.48	2.48	3.56		11.00 (3.06-12.50)	2,460 (480-3,390)	10.6 (2.1-14.6)
	20+20+20+20+20	2.20	2.20	2.20	2.20	2.20	11.00 (3.50-12.70)	2,400 (550-3,690)	10.3 (2.4-15.9)
	20+20+20+20+25	2.10	2.10	2.10	2.10	2.60	11.00 (3.50-12.70)	2,400 (550-3,690)	10.3 (2.4-15.9)
	20+20+20+20+35	1.91	1.91	1.91	1.91	3.36	11.00 (3.50-12.70)	2,380 (550-3,670)	10.2 (2.4-15.8)
	20+20+20+20+50	1.69	1.69	1.69	1.69	4.24	11.00 (3.50-12.70)	2,390 (540-3,610)	10.3 (2.4-15.6)
	20+20+20+20+60	1.57	1.57	1.57	1.57	4.72	11.00 (3.50-12.70)	2,380 (540-3,600)	10.2 (2.4-15.5)
	20+20+20+20+71	1.46	1.46	1.46	1.46	5.16	11.00 (3.50-12.70)	2,370 (530-3,590)	10.2 (2.3-15.5)
	20+20+20+25+25	2.00	2.00	2.00	2.50	2.50	11.00 (3.50-12.70)	2,400 (550-3,690)	10.3 (2.4-15.9)
	20+20+20+25+35	1.83	1.83	1.83	2.29	3.22	11.00 (3.50-12.70)	2,380 (550-3,670)	10.2 (2.4-15.8)
	20+20+20+25+50	1.63	1.63	1.63	2.04	4.07	11.00 (3.50-12.70)	2,390 (540-3,610)	10.3 (2.4-15.6)
	20+20+20+25+60	1.52	1.52	1.52	1.90	4.54	11.00 (3.50-12.70)	2,380 (540-3,600)	10.2 (2.4-15.5)
	20+20+20+25+71	1.41	1.41	1.41	1.76	5.01	11.00 (3.50-12.70)	2,370 (530-3,590)	10.2 (2.3-15.5)
	20+20+20+35+35	1.69	1.69	1.69	2.96	2.96	11.00 (3.50-12.70)	2,370 (540-3,640)	10.2 (2.4-15.7)
	20+20+20+35+50	1.52	1.52	1.52	2.66	3.78	11.00 (3.50-12.70)	2,380 (540-3,600)	10.2 (2.4-15.5)
	20+20+20+35+60	1.42	1.42	1.42	2.48	4.26	11.00 (3.50-12.70)	2,380 (530-3,590)	10.2 (2.3-15.5)
	20+20+25+25+25	1.91	1.91	2.39	2.39	2.39	11.00 (3.50-12.70)	2,400 (550-3,690)	10.3 (2.4-15.9)
	20+20+25+25+35	1.76	1.76	2.20	2.20	3.08	11.00 (3.50-12.70)	2,380 (550-3,670)	10.2 (2.4-15.8)
	20+20+25+25+50	1.57	1.57	1.96	1.96	3.94	11.00 (3.50-12.70)	2,390 (540-3,610)	10.3 (2.4-15.6)
	20+20+25+25+60	1.47	1.47	1.83	1.83	4.40	11.00 (3.50-12.70)	2,380 (540-3,600)	10.2 (2.4-15.5)
	20+20+25+35+35	1.63	1.63	2.04	2.85	2.85	11.00 (3.50-12.70)	2,370 (540-3,640)	10.2 (2.4-15.7)
	20+20+25+35+50	1.47	1.47	1.83	2.57	3.66	11.00 (3.50-12.70)	2,380 (540-3,600)	10.2 (2.4-15.5)
	20+20+35+35+35	1.51	1.51	2.66	2.66	2.66	11.00 (3.50-12.70)	2,350 (540-3,620)	10.1 (2.4-15.6)
	20+25+25+25+25	1.84	2.29	2.29	2.29	2.29	11.00 (3.50-12.70)	2,400 (550-3,690)	10.3 (2.4-15.9)
	20+25+25+25+35	1.69	2.12	2.12	2.12	2.95	11.00 (3.50-12.70)	2,380 (550-3,670)	10.2 (2.4-15.8)
	20+25+25+25+50	1.52	1.90	1.90	1.90	3.78	11.00 (3.50-12.70)	2,390 (540-3,610)	10.3 (2.4-15.6)
	20+25+25+25+60	1.42	1.77	1.77	1.77	4.27	11.00 (3.50-12.70)	2,380 (540-3,600)	10.2 (2.4-15.5)
	20+25+25+35+35	1.58	1.96	1.96	2.75	2.75	11.00 (3.50-12.70)	2,370 (540-3,640)	10.2 (2.4-15.7)
	20+25+25+35+50	1.42	1.77	1.77	2.48	3.56	11.00 (3.50-12.70)	2,380 (540-3,600)	10.2 (2.4-15.5)
	20+25+35+35+35	1.46	1.83	2.57	2.57	2.57	11.00 (3.50-12.70)	2,350 (540-3,620)	10.1 (2.4-15.6)
	25+25+25+25+25	2.20	2.20	2.20	2.20	2.20	11.00 (3.50-12.70)	2,400 (550-3,690)	10.3 (2.4-15.9)
	25+25+25+25+35	2.04	2.04	2.04	2.04	2.84	11.00 (3.50-12.70)	2,380 (550-3,670)	10.2 (2.4-15.8)
	25+25+25+25+50	1.83	1.83	1.83	1.83	3.68	11.00 (3.50-12.70)	2,390 (540-3,610)	10.3 (2.4-15.6)
	25+25+25+35+35	1.90	1.90	1.90	2.65	2.65	11.00 (3.50-12.70)	2,370 (540-3,640)	10.2 (2.4-15.7)
	25+25+35+35+35	1.77	1.77	2.49	2.49	2.49	11.00 (3.50-12.70)	2,350 (540-3,620)	10.1 (2.4-15.6)

Notes 1. Cooling operation data is based on the following conditions: indoor temp. 20°CDB, 19°CWB; outdoor temp. 35°CDB;

corresponding refrigerant piping length 5m; level difference 0m.

2. Heating operation data is based on the following conditions: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB;

corresponding refrigerant piping length 5m; level difference 0m.

3. Total capacity of connected indoor units is; up to 9.0 kW to the 3MXS52; up to 11.0 kW to the 3MXS68;

up to the 14.5 kW to the 4MXS80; up to 15.6 kW to the 5MXS100.

4. The above is the value for connecting with the following indoor units: 2.0/2.5/3.5/5.0/6.0/7.1 kW class, wall-mounted KXSA s

5. A single indoor unit cannot be connected.