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

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. 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.

Dealer

DAIKIN McQUAY AR CONDICIONADO BRASIL LTDA.
Alameda Santos, 787-12º Andar CEP: 01419-001 – São Paulo – SP
Telefone: 11-3123-2525
Fax: 11-3123-2526
http://www.daikin-mcquay.com.br/

DAIKIN INDUSTRIES, LTD.
Head Office:
Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,
Kita-ku, Osaka, 530-8323 Japan

Tokyo Office:
JR Shinagawa East Bldg., 2-18-1, Konan,
Minato-ku, Tokyo, 108-0075 Japan
http://www.daikin.com/global_ac/

Printed in Brazil 09/12

●Specifications, designs and other content appearing in this brochure are current as of September 2012 but subject to change without notice.

DAIKIN

PCRBR1104A

MULTI-SPLIT TYPE AIR CONDITIONERS

One air-conditioning system, five individually designed interiors

Connect up to 5 indoor units to a single outdoor unit

INVERTER R-410A

Cooling Only & Heat Pump [60 Hz]

Air condition multiple rooms in your home with a single outdoor unit

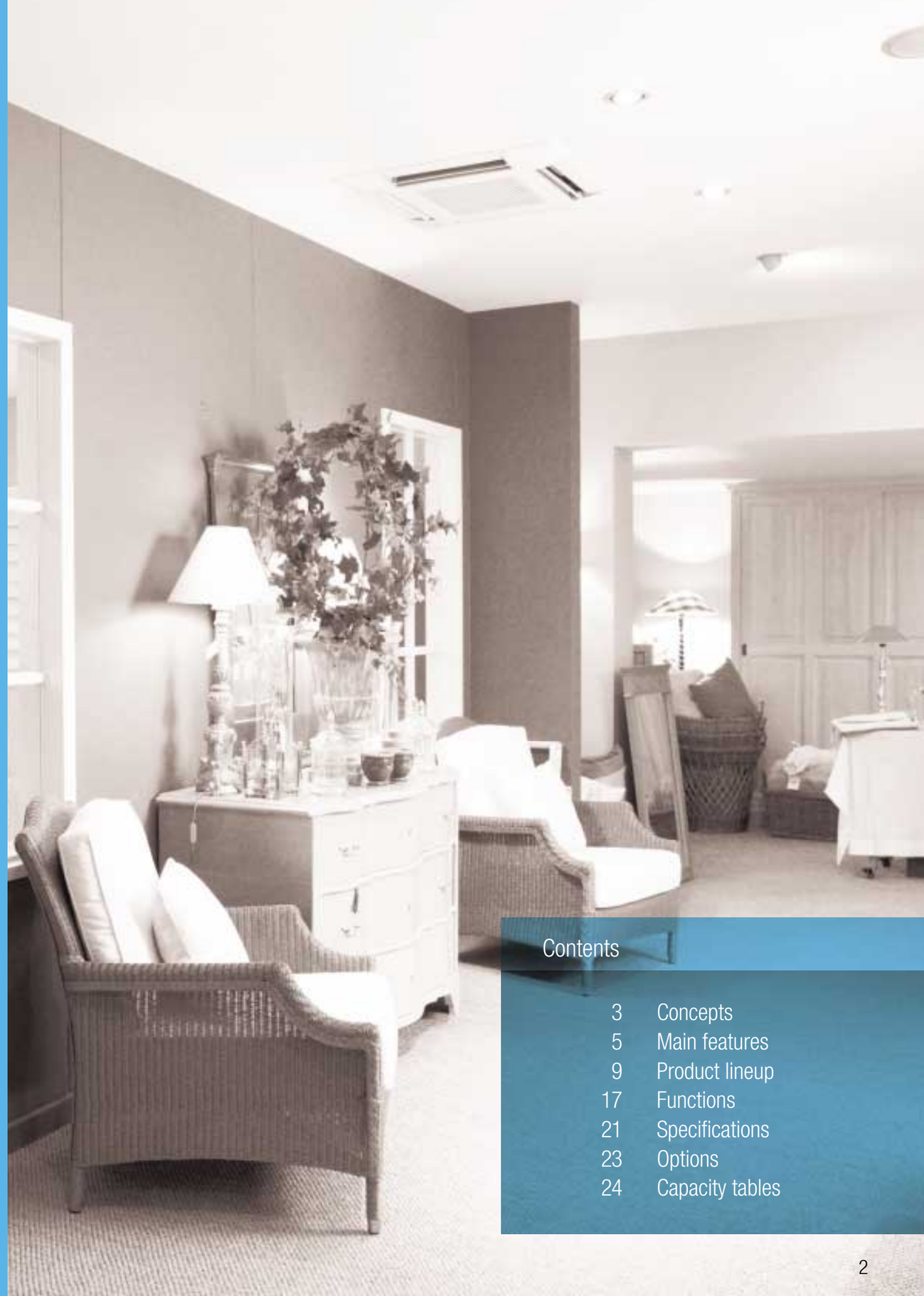
If you would like your conditioners to match your personal décor…

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…

Multi-Split Type is the knowledgeable choice.

The Daikin Multi-Split Type 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 wide variety of indoor units, so it is easy to select a model that blends in unobtrusively. 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. The Daikin Multi-Split Type makes your home more comfortable and stylish at the same time.



Contents

Enjoy the comfort and luxury of your dreams.

Key concepts for Daikin Multi-Split Type

Intelligent technologies

The DC motor, swing compressor and other advanced technologies make for energy-efficient operation that achieves high COPs.

Ideal environment

The quiet operation mode helps create a more pleasant living environment. DC inverter power control provides comfortable temperature control.

Interior & exterior flexibility

The wide range of indoor unit options provides ample choice. A single compact outdoor unit reduces installation space requirements, while long maximum piping lengths provide flexibility for connections.

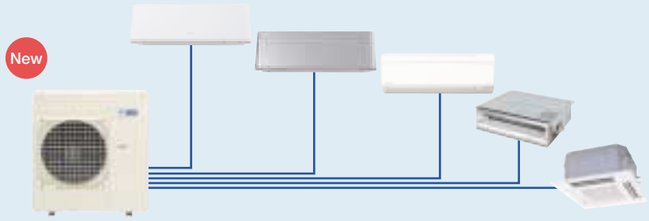
Individual control

The individual indoor units in different rooms can be controlled independently. The priority-room setting function lets you specify a room to receive preference in air conditioning operation.

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. Daikin Multi-Split Type requires only a single outdoor unit to maintain 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, Daikin Multi-Split Type uses DC inverter technology, making it energy efficient.

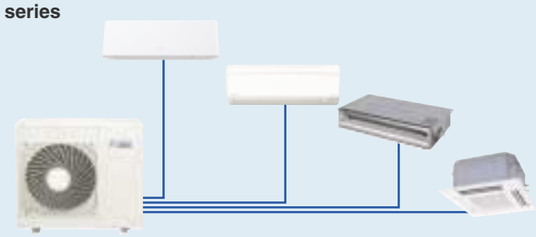
5MK(X)S series

New



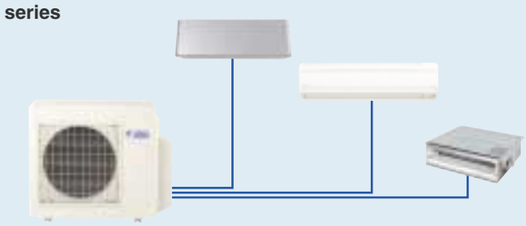
Up to 5 indoor units can be connected.

4MK(X)S series



Up to 4 indoor units can be connected.

3MK(X)S series



Up to 3 indoor units can be connected.

Connect 5 indoor units to a single outdoor unit

Intelligent technologies

High energy efficiency through advanced technologies delivers high COP

High energy efficiency

5MXS110LVM

	Cooling operation	Heating operation
COP	3.36	4.02

* During rated capacity operation of 5 indoor units (2.5 + 2.5 + 2.5 + 2.5 + 5.0 kW class).

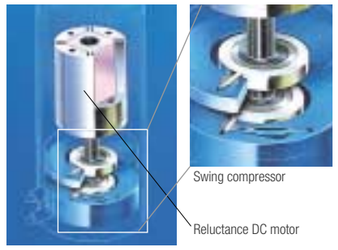
What is COP?

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

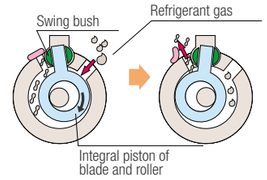
$$COP = \frac{\text{Capacity (W)}}{\text{Power consumption (W)}}$$

Daikin energy-saving technologies INVERTER

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.

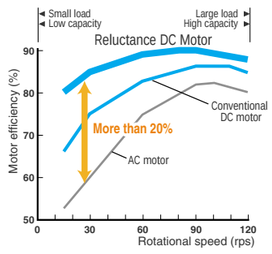


The swing compressor can reduce operational vibration and sound because its piston moves smoothly inside the compressor.

② Reluctance DC motor

Neodymium magnets are used in the pink-coloured area.

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.



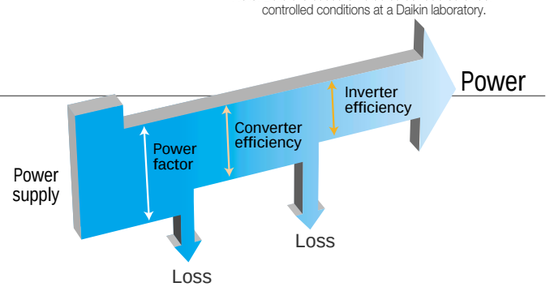
Note: Data are based on studies conducted under controlled conditions at a Daikin laboratory.

*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

PAM control

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



Ideal environment

Convenient features to realise your ideal environment

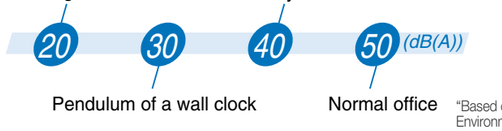
Quiet operation

Indoor unit

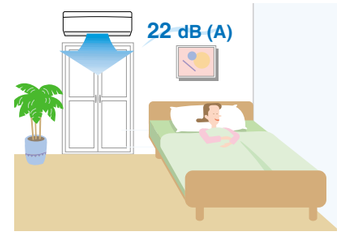
Daikin Multi-Split Type offers the quiet sound level of 22 dB (A) during Indoor Unit Quiet Operation of the CTXG25/FTK(X)S25 during cooling operation.

Note: Capacity may decrease when quiet functions are selected.

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



"Based on 'Examples of Sound Levels,' Ministry of the Environment, Japan, November 12, 2002"



Outdoor unit

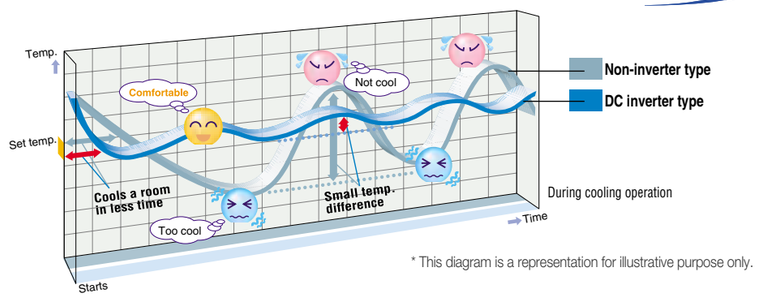
Daikin Multi-Split Type achieves a quiet sound level of 43 dB (A) during Outdoor Unit Quiet Operation or Night Quiet Mode of the 3MXS52 during cooling operation.

Note: Capacity may decrease when quiet functions are selected.

Comfortable temperature control

INVERTER

Non-inverter air conditioners can only perform simple on/off operation. They start operation when 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.



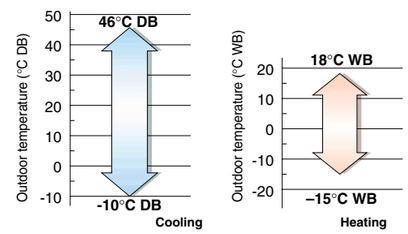
* This diagram is a representation for illustrative purpose only.

Wide operation range

Cooling operation is possible even during lower outdoor temperatures.

Note: This information is available for heat pump type.

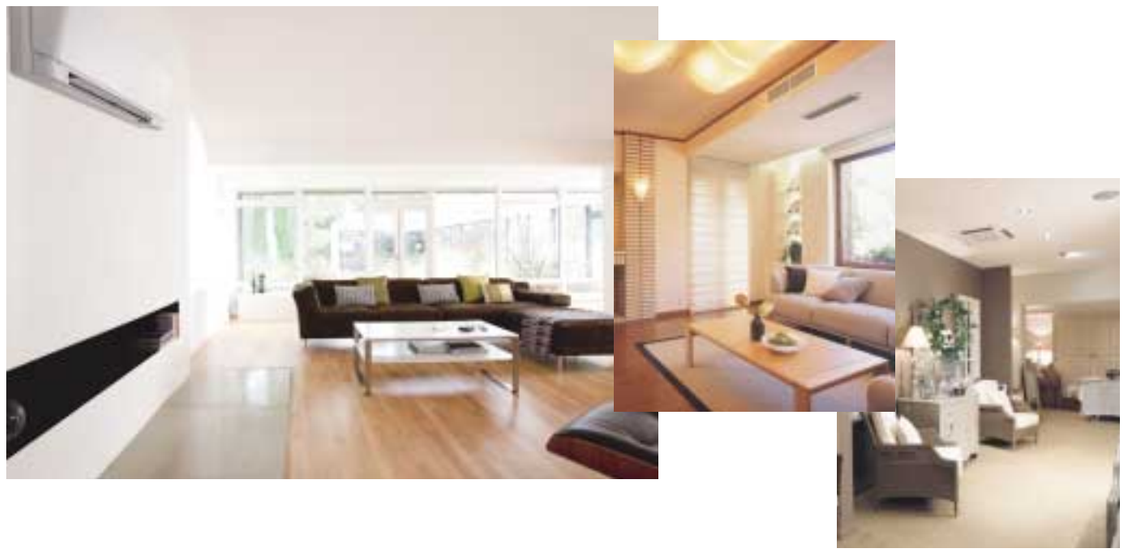
Heat pump type (5MXS110L)



Interior & exterior flexibility

Wide array of choices to match your interior

Stylish indoor units for elegant interiors



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.

Long piping lengths for installation flexibility

The ample maximum piping length of 80 m permits more freedom in the placement of air conditioner units and facilitates the optimisation of interior space.

Model name		3MKS58	3MKS75	4MKS80	4MKS100	5MKS110
		3MXS52	3MXS68	4MXS80	4MXS100	5MXS110
Max. piping length	Total	50 m	60 m	70 m		80 m
	For one room	25 m				30 m

Individual control

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

Preferential air conditioning

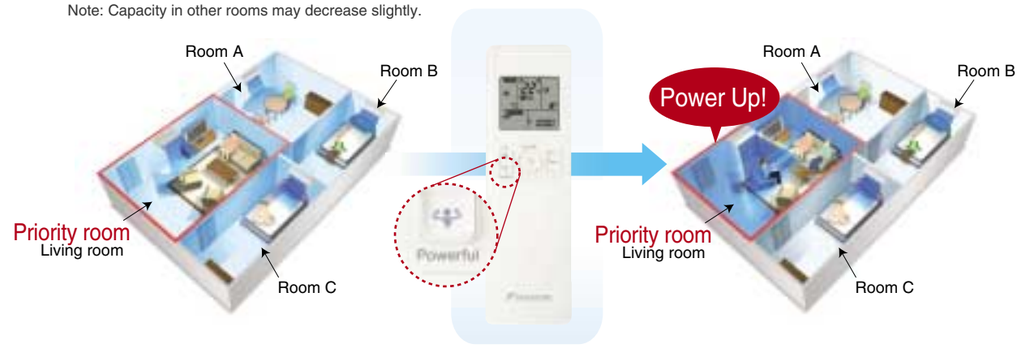
Initial setting required during installation

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.

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.

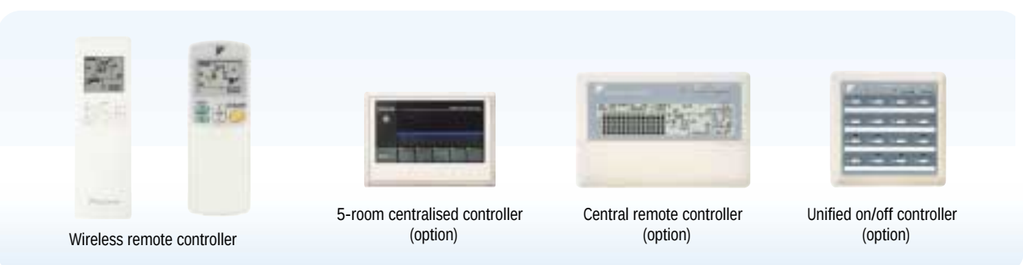
3 Priority setting with Outdoor Unit Quiet Operation

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 units

	Connect up to 3 indoor units				Connect up to 4 indoor units				New Connect up to 5 indoor units	
Model name	Cooling only		Heat pump		Cooling only		Heat pump		Cooling only	Heat pump
	3MKS58KVM	3MKS75KVM	3MXS52KVM	3MXS68KVM	4MKS80KVM	4MKS100KVM	4MXS80KVM	4MXS100KVM	5MKS110LVM	5MXS110LVM
Capacity class	5.8 kW	7.5 kW	5.2 kW	6.8 kW	8.0 kW	10.0 kW	8.0 kW	10.0 kW	11.0 kW	11.0 kW
Max. piping length	50 m	60 m	50 m	60 m	70 m	70 m	70 m	70 m	80 m	80 m
Max. height difference	15 m	15 m	15 m	15 m	15 m	15 m	15 m	15 m	15 m	15 m

Indoor units

Cooling only Heat pump

Capacity class	Wall-mounted type					Duct-connected type				Compact multi flow ceiling-mounted cassette type	
2.5 kW	CTXG25K2VMS CTXG25K2VMW	FTKS25KVM	FTXS25KVM			CDKS25KVM	CDXS25KVM			FFQ25KVL	FFQ25KVL
3.5 kW	CTXG35K2VMS CTXG35K2VMW	FTKS35KVM	FTXS35KVM			CDKS35KVM	CDXS35KVM			FFQ35KVL	FFQ35KVL
5.0 kW	CTXG50K2VMS CTXG50K2VMW			FTKS50KVM	FTXS50KVM			CDKS50KVM	CDXS50KVM	FFQ50KVL	FFQ50KVL
6.0 kW				FTKS60KVM	FTXS60KVM			CDKS60KVM	CDXS60KVM	FFQ60KVL	FFQ60KVL
7.1 kW				FTKS71KVM	FTXS71KVM						

Indoor unit connectivity with each outdoor unit

Indoor unit / Outdoor unit	Wall-mounted type								Duct-connected type				Compact multi flow ceiling-mounted cassette type			
	2.5 kW	3.5 kW	5.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.1 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW
Cooling only																
3MKS58KVM				■	■	■			■	■	■		■	■	■	
3MKS75KVM				■	■	■	■	■	■	■	■	■	■	■	■	■
4MKS80KVM				■	■	■	■	■	■	■	■	■	■	■	■	■
4MKS100KVM				■	■	■	■	■	■	■	■	■	■	■	■	■
5MKS110LVM				■	■	■	■	■	■	■	■	■	■	■	■	■
Heat pump																
3MXS52KVM	■	■	■	■	■	■			■	■	■		■	■	■	
3MXS68KVM	■	■	■	■	■	■	■		■	■	■	■	■	■	■	■
4MXS80KVM	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
4MXS100KVM	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
5MXS110LVM	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Note: For information regarding specific possible connection combinations, please contact your local dealer.

An array of indoor unit models with innovative and attractive designs make it easy to find the ideal match for each room in your home.

Wall-Mounted Type

An attractive match for large rooms with refined interiors is provided by the stylish flat panel design.

Duct-Connected Type

Fits in shallow ceiling recesses only 240 mm deep thanks to the new slim and compact design.

Compact Multi Flow Ceiling-Mounted Cassette Type

The compact and flexible design is suited to commercial spaces such as offices.

Wall-Mounted Type

Silver Panel

	2.5 kW class	3.5 kW class	5.0 kW class
Heat pump	CTXG25K2VMS	CTXG35K2VMS	CTXG50K2VMS

White Panel

	2.5 kW class	3.5 kW class	5.0 kW class
Heat pump	CTXG25K2VMW	CTXG35K2VMW	CTXG50K2VMW

POWER | WIDE ANGLE | EYE | AUTO | INVERTER | ECONO | Weekly ON/OFF | 24 ON/OFF | SELF

Simple and Stylish Design

The CTXG series have a simple and stylish design yet provide exceptional high performance.
The smart exterior design and 155mm depth means the CTXG series blends in naturally to any room.

When in not use

During cooling

Side view in operation

Close up of lower right area

Weekly timer

This timer can be preprogrammed with settings for day of the week, time of day, temperature, and operation on/off. A maximum of four air conditioner start or stop points can be entered per day for each of seven days in a one-week period simply by pressing the WEEKLY button.

Comfort airflow mode

Comfort Airflow Mode prevents uncomfortable drafts from blowing directly on to your body. With this function, when you press the COMFORT button during cooling operation, the flap moves upward to prevent direct cold drafts. During heating operation, it also moves downward to prevent direct drafts and deliver warm air to the floor.

Cooling operation

Heating operation

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.

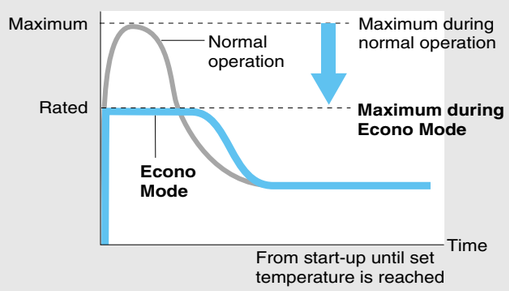
When you are in the room.

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.

Running current and power consumption



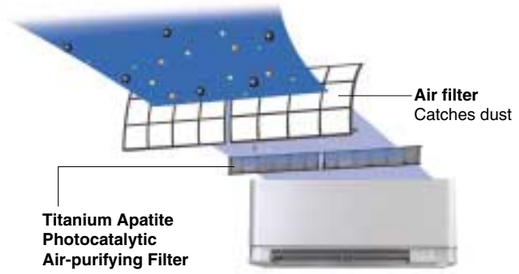
- This diagram is a representation for illustrative purposes only.
- Maximum capacity decreases during Econo Mode, requiring more time to reach the set temperature.

Clean air

Uses a Titanium Apatite Photocatalytic Air-Purifying Filter. Titanium apatite is a photocatalytic material with high adsorption power. It effectively adsorbs and removes bacteria.

These filters are not medical devices. Benefits such as the adsorption and decomposition of bacteria are only effective for substances that are collected on and in direct contact with the Titanium Apatite Photocatalytic Air-Purifying Filter.

Bacteria Removal Test
Testing method: dropping method
Result certificate: No. 012553-1 and 012553-2
Testing organisation: Japan Spinners Inspecting Foundation



Quiet operation

The CTXG25 achieves the quiet sound level of 22dB (A) during Indoor Unit Quiet Operation.

(H/L/**SL**)

CTXG25	CTXG35	CTXG50
38/25/**22** dB(A)	42/26/**23** dB(A)	44/35/**32** dB(A)

During cooling operation

Easy cleaning

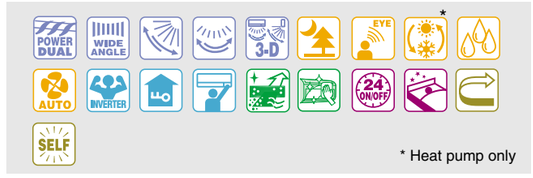
Flat panel can be cleaned with just a single pass of a cloth across its smooth surface.

Wall-Mounted Type

	2.5 kW class	3.5 kW class
Cooling only	FTKS25KVM	FTKS35KVM
Heat pump	FTXS25KVM	FTXS35KVM

	5.0 kW class	6.0 kW class	7.1 kW class
Cooling only	FTKS50KVM	FTKS60KVM	FTKS71KVM
Heat pump	FTXS50KVM	FTXS60KVM	FTXS71KVM

* Heat pump only



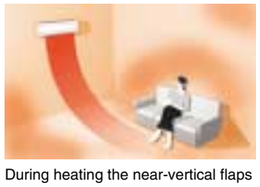
* Heat pump only

Evenly distributed air

POWER DUAL / WIDE ANGLE

Vertical and horizontal airflow is controlled by Power-Airflow Dual Flaps and Wide-Angle Louvers working in tandem, realising even distribution of air.

During cooling the Power-Airflow Dual Flaps flatten out to deliver air to the farthest corners of the room.



During heating the near-vertical flaps direct air to the floor to quickly warm the room.

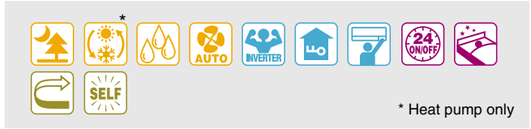
3-D airflow

3-D

3-D Airflow combines Vertical and Horizontal Auto-Swing to circulate air to every part of a room for uniform cooling/heating of even large spaces.

Duct-Connected Type

	2.5 kW class	3.5 kW class	5.0 kW class	6.0 kW class
	700 mm width type		900/1,100 mm width type	
Cooling only	CDKS25KVM	CDKS35KVM	CDKS50KVM	CDKS60KVM
Heat pump	CDXS25KVM	CDXS35KVM	CDXS50KVM	CDXS60KVM

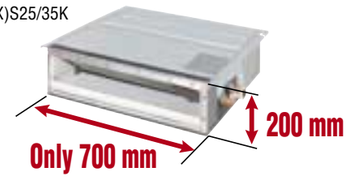


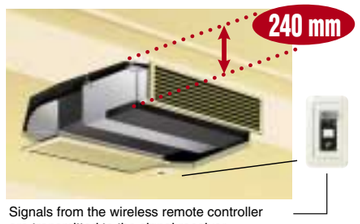
* Heat pump only

Slim and compact design

Models in the CDK(X)S25/35K 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)S25/35K





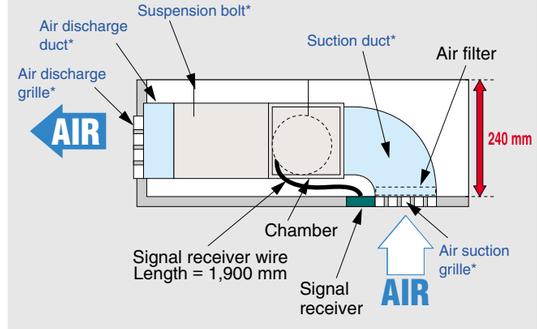
Signals from the wireless remote controller are transmitted to the signal receiver.

700 mm width type		CDK(X)S25K	CDK(X)S35K
Dimensions (H x W x D)	mm	200 x 700 x 620	
Weight	kg	21	
Airflow rate (H)	m³/min (cfm)	8.7 (307)	
External static pressure	Pa	30	

900/1,100 mm width type		CDK(X)S50K	CDK(X)S60K
Dimensions (H x W x D)	mm	200 x 900 x 620	200 x 1,100 x 620
Weight	kg	27	30
Airflow rate (H)	m³/min (cfm)	12.0 (424)	16.0 (565)
External static pressure	Pa	40	

Quiet operation

Quiet operation sound level of only 29 dB (A) is achieved for 2.5 and 3.5 kW class models.



* Locally obtained parts

Option

Suction grille (KDGF19A45)

Notes:
1. To prevent an increase in operation sound, avoid installing the air suction grille directly below the suction chamber.
2. Grilles, piping connections, ducts, and installation parts should be obtained locally.
   Duct-connected types do not have drain pumps.
3. 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

Option

Wireless LCD remote controller

Option

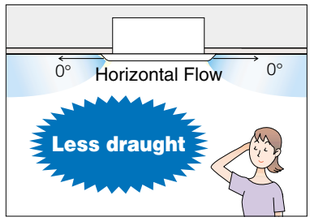
Signal receiver unit

Wireless remote controller and signal receiver unit are sold as a set.

	2.5 kW class	3.5 kW class	5.0 kW class	6.0 kW class
Cooling only	FFQ25KVL	FFQ35KVL	FFQ50KVL	FFQ60KVL
Heat pump	FFQ25KVL	FFQ35KVL	FFQ50KVL	FFQ60KVL

* Heat pump only

➔Low draft performance is designed for your comfort



➔Comfortable across all areas

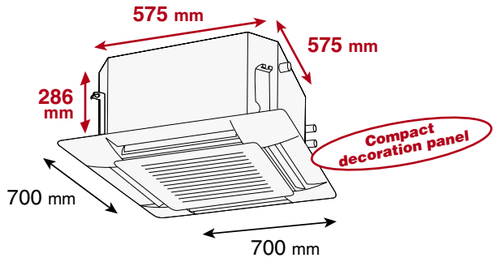
Conditioned air is distributed evenly by Auto-swing operation.

Adjustable airflow angle to suit all room conditions.

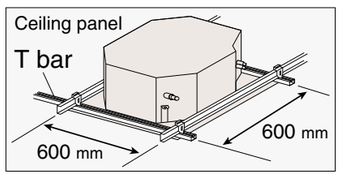
	AUTO-SWING	5 directions
Standard setting	0° Auto-swing between 0° and 60° 60°	0° Settable to 5 different levels between 0° and 60° 60°
Draft prevention setting (Set on site)	0° Auto-swing between 0° and 35° 35°	0° Settable to 5 different levels between 0° and 35° 35°
Setting to prevent soiling of ceiling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

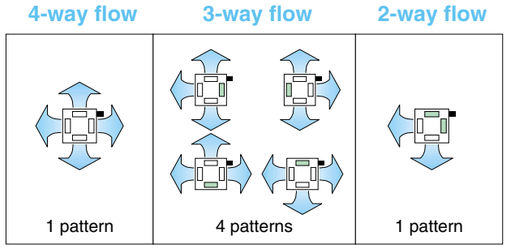
- Quiet sound level of only 27 dB (A)

At low fan speeds, the 2.5 kW model produces sound of only 27 dB (A), and even the 6.0 kW model as low as 35 dB (A). This is due to a spiral hub cover that reduces internal airflow resistance.

(H/L)

FFQ25	FFQ35	FFQ50	FFQ60
33/27 dB(A)	36/28 dB(A)	40/30 dB(A)	44/35 dB(A)

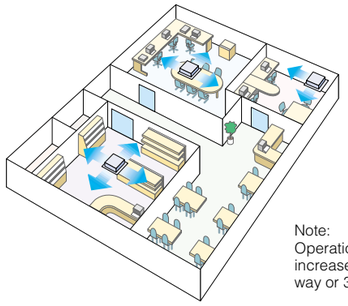
- Multi-Flow System



"■" denotes piping direction. "▭" denotes sealing member for air discharge outlet (option).

Note: For 3-way or 2-way flow installation, the sealing member for air discharge outlet (option) must be used to close off the unused outlet(s).

- 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.)

- Programme "Dry"

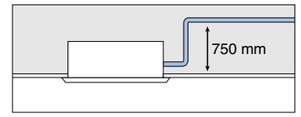
Programme Dry gives priority to reducing the level of humidity rather than room temperature. Dehumidification is computer controlled to prevent abrupt and uncomfortable changes in air temperature.

- 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

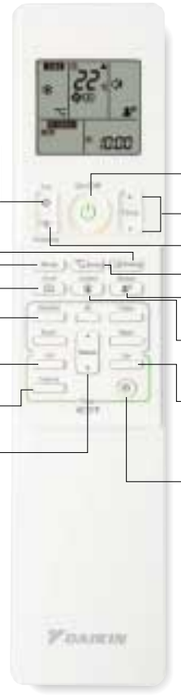
Daikin's innovative air discharge mechanism keeps airflow away from the ceiling. Ceiling cleaning is required less frequently.

- Filter sign

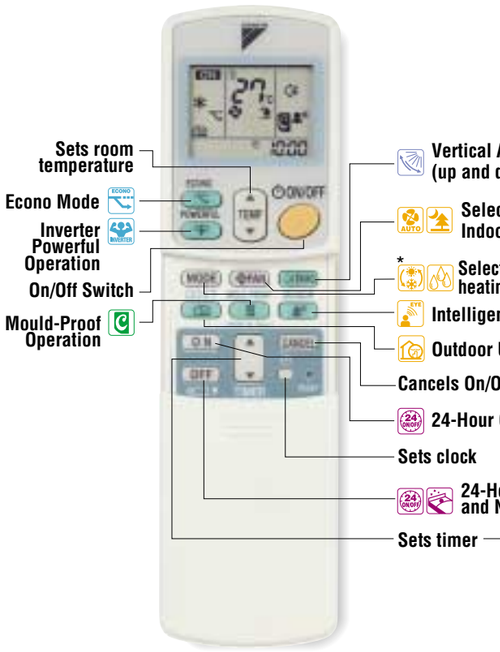
When the filter requires cleaning, the filter icon is displayed on the remote controller.

Easy-to-use wireless remote controller

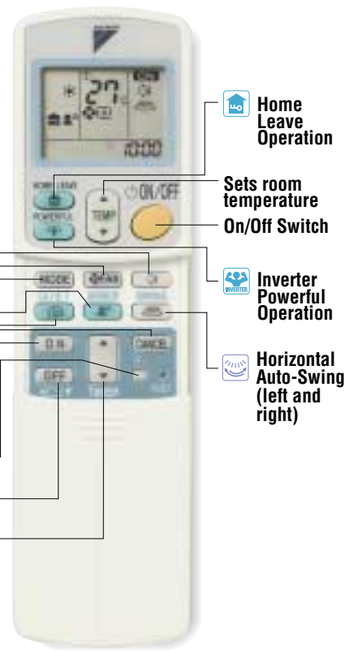
CTXG25/35/50K



FTK(X)S25/35K



FTK(X)S50/60/71K



* Heat pump type only

Models

Functions	Indoor unit: Wall-mounted type — CTXG25/35/50K	Indoor unit: Wall-mounted type — FTK(X)S25/35K	Indoor unit: Wall-mounted type — FTK(X)S50/60/71K	Indoor unit: Duct-connected type — CDK(X)S25/35/50/60K	Indoor unit: Compact multi flow ceiling-mounted cassette type — FFQ25/35/50/60K	Outdoor unit
Comfortable Airflow						
Power-Airflow Flap	●					
Power-Airflow Dual Flaps		●	●			
Wide-Angle Louvres	●	●	●			
Vertical Auto-Swing (up and down)	●	●	●		●	
Horizontal Auto-Swing (left and right)			●			
3-D Airflow			●			
Comfort Airflow Mode	●					
Comfort Control						
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	●	●	●	●		
Lifestyle Convenience						
Inverter Powerful Operation	●	●	●	●		
Econo Mode	●	●				
Home Leave Operation			●	●		
Indoor Unit On/Off Switch	●	●	●	●		
Priority-Room Setting						●
Cleanliness						
Titanium Apatite Photocatalytic Air-Purifying Filter	●		●			
Mould-Proof Operation		●				
Wipe-Clean Flat Panel	●	●	●			
Filter Cleaning Indicator					●	
Timers						
24-Hour On/Off Timer	●	●	●	●		
72-Hour On/Off Timer					●	
Weekly Timer	●					
Night Set Mode	●	●	●	●		
Worry Free						
Auto-Restart after Power Failure	●	●	●	●	●	
Self-Diagnosis with Digital Display	●	●	●	●	●	●
Anticorrosion Treatment of Outdoor Heat Exchanger Fins						●

Comfortable Airflow

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

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.

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

Vertical Auto-Swing (up and down)
Vertical Auto-Swing automatically moves the flaps up and down to provide an even distribution of air throughout 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 11

Comfort Control

Indoor Unit Quiet Operation
Indoor unit operating sound level is decreased by 2 or 3 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.
▶ See page 6

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 combines the Air-Purifying Filter and Titanium Apatite Photocatalytic Deodorising Filter in a single highly effective unit. The filter traps microscopic particles and removes bacteria. It lasts for 3 years without replacement if washed about 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.
▶ See pages 12

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.

Weekly Timer
This timer can be preprogrammed with settings for day of the week, time of day, temperature, and operation on/off. A maximum of four air conditioner start or stop points can be entered per day for each of seven days in a one-week period simply by pressing the WEEKLY button.
▶ See pages 11

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.

Hot-Start Function
After defrosting or when starting heating operation, air is preheated before discharge to prevent uncomfortable cold drafts.

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.

▶ Refer to page 18 to check the functions offered by individual models.

Specifications

Outdoor unit

Model name			Cooling only				
			3MKS58KVM	3MKS75KVM	4MKS80KVM	4MKS100KVM	5MKS110LVM
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz				
Casing colour			Ivory white				
Compressor type			Hermetically sealed swing type				
Sound level	Cooling	dB (A)	46	48	48	50	51
Dimensions (H X W X D)		mm	735 × 936 × 300		770 × 900 × 320		990 × 940 × 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 one room)				30 (for one room)
Necessity of additional charge		g/m	Chargeless				20 (for 40m or more)
Max. installation height difference		m	15 (between indoor and outdoor units)/ 15 (between indoor units)		15 (between indoor and outdoor units)/ 7.5 (between indoor units)		

Model name			Heat pump				
			3MXS52KVM	3MXS68KVM	4MXS80KVM	4MXS100KVM	5MXS110LVM
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz				
Casing colour			Ivory white				
Compressor type			Hermetically sealed swing type				
Sound level	Cooling	dB (A)	46	48		50	51
	Heating		47	49		51	53
Dimensions (H X W X D)		mm	735 × 936 × 300		770 × 900 × 320		990 × 940 × 320
Machine weight		kg	49	59	72		83
Operation range	Cooling	°CDB	-5 to 46		-10 to 46		
	Heating	°CWB	-15 to 15.5				-15 to 18
Max. piping length		m	50 (total)	60 (total)	70 (total)		80 (total)
			25 (for one room)				30 (for one room)
Necessity of additional charge		g/m	20 (for 30m or more)		20 (for 40m or more)		
Max. installation height difference		m	15 (between indoor and outdoor units)/7.5 (between indoor units)				

Measurement conditions
1. Cooling operation data is based on the following conditions.
   For 3MKS58/75K, 3MXS52/68K and 4MK(X)S80/100 K :indoor temp.26.7°CDB, 19.4°CWB; outdoor temp.35°CDB; piping length 7.5m.
   For 5MK(X)S110L : indoor temp.27°CDB, 19°CWB; outdoor temp.35°CDB; piping length 5m.
2. Heating operation data is based on the following conditions.
   For 3MXS52/68K and 4MXS80/100K: indoor temp.20°CDB; outdoor temp.7°CDB, 6°CWB; piping length 7.5m.
   For 5MXS110L : indoor temp.20°CDB, outdoor temp. 7°CDB, 6°CWB; piping length 5m.
3. Sound levels are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

Indoor unit

Wall-mounted type

Model name			Cooling only				
			FTKS25KVM	FTKS35KVM	FTKS50KVM	FTKS60KVM	FTKS71KVM
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz				
Casing colour			White				
Airflow rate (H)		m³/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 × 800 × 195		290 × 1,050 × 238		
Machine weight		kg	9		12		
Piping connections	Liquid (flare)	mm	ø6.4				
	Gas (flare)		ø9.5		ø12.7		ø15.9
	Drain		ø18.0				
Heat insulation			Both liquid and gas pipes				

Model name			Heat pump				
			CTXG25K2VMS	CTXG25K2VMW	CTXG35K2VMS	CTXG35K2VMW	CTXG50K2VMS	CTXG50K2VMW
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz					
Casing colour			Silver	White	Silver	White	Silver	White
Airflow rate (H)	Cooling	m³/min (cfm)	8.8 (311)		10.1 (357)		10.5 (371)	
	Heating		9.6 (339)		10.8 (381)		11.4 (402)	
Sound level (H/L/SL)	Cooling	dB (A)	38/25/22		42/26/23		44/35/32	
	Heating		39/28/25		42/29/26		44/35/32	
Fan speed			5 steps, quiet and automatic					
Temperature control			Microcomputer control					
Dimensions (H X W X D)		mm	295 × 915 × 155					
Machine weight		kg	11					
Piping connections	Liquid (flare)	mm	ø6.4					
	Gas (flare)		ø9.5				ø12.7	
	Drain		ø16.0 or ø18.0					
Heat insulation			Both liquid and gas pipes					

Model name			Heat pump				
			FTXS25KVM	FTXS35KVM	FTXS50KVM	FTXS60KVM	FTXS71KVM
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz				
Casing colour			White				
Airflow rate (H)	Cooling	m³/min (cfm)	8.7 (307)	8.9 (314)	14.7 (519)	16.2 (572)	17.4 (614)
	Heating		9.4 (332)	9.7 (342)	16.2 (572)	17.4 (614)	21.5 (759)
Sound level (H/L/SL)	Cooling	dB (A)	37/25/22	38/26/23	44/35/32	45/36/33	46/37/34
	Heating		37/28/25	38/29/26	42/33/30	44/35/32	46/37/34
Fan speed			5 steps, quiet and automatic				
Temperature control			Microcomputer control				
Dimensions (H X W X D)		mm	283 × 800 × 195		290 × 1,050 × 238		
Machine weight		kg	9		12		
Piping connections	Liquid (flare)	mm	ø6.4				
	Gas (flare)		ø9.5		ø12.7		ø15.9
	Drain		ø18.0				
Heat insulation			Both liquid and gas pipes				

Duct-connected type

Model name			Cooling only				Heat pump			
			CDKS25KVM	CDKS35KVM	CDKS50KVM	CDKS60KVM	CDXS25KVM	CDXS35KVM	CDXS50KVM	CDXS60KVM
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz							
Airflow rate (H)	Cooling	m³/min (cfm)	8.7 (307)		12.0 (424)	16.0 (565)	8.7 (307)		12.0 (424)	16.0 (565)
	Heating		—				8.7 (307)		12.0 (424)	16.0 (565)
Sound level (H/L/SL)*	Cooling	dB (A)	35/31/29		37/33/31	38/34/32	35/31/29		37/33/31	38/34/32
	Heating		—				35/31/29		37/33/31	38/34/32
Fan speed			5 steps, quiet and automatic							
Temperature control			Microcomputer control							
Dimensions (H X W X D)		mm	200 × 700 × 620		200 × 900 × 620	200 × 1,100 × 620	200 × 700 × 620		200 × 900 × 620	200 × 1,100 × 620
Machine weight		kg	21		27	30	21		27	30
Piping connections	Liquid (flare)	mm	ø6.4							
	Gas (flare)		ø9.5		ø12.7		ø9.5		ø12.7	
	Drain		VP20 (O.D.ø26 / I.D.ø20)							
Heat insulation			Both liquid and gas pipes							
External static pressure		Pa	30		40		30		40	

Note: *The operation sound level values represent those for rear-suction operation and an external static pressure of 30 Pa for CDK(X)S25/35 and 40 Pa for CDK(X)S50/60. Sound level values for bottom-suction operation can be obtained by adding 6 dB(A) for CDK(X)S25/35 and 5 dB(A) for CDK(X)S50/60.

Compact multi flow ceiling-mounted cassette type

Model name			Cooling only				Heat pump			
			FFQ25KVL	FFQ35KVL	FFQ50KVL	FFQ60KVL	FFQ25KVL	FFQ35KVL	FFQ50KVL	FFQ60KVL
Power supply			1 phase, 220 V, 60 Hz							
Airflow rate (H)	Cooling	m³/min (cfm)	9.0 (318)	10.0 (353)	12.0 (424)	15.0 (530)	9.0 (318)	10.0 (353)	12.0 (424)	15.0 (530)
	Heating		—				9.0 (318)	10.0 (353)	12.0 (424)	15.0 (530)
Sound level (H/L)	Cooling	dB (A)	33/27	36/28	40/30	44/35	33/27	36/28	40/30	44/35
	Heating		—				33/27	36/28	40/30	44/35
Fan speed			2 steps							
Temperature control			Microcomputer control							
Dimensions (H X W X D)		mm	286 × 575 × 575							
Machine weight		kg	17.5							
Piping connections	Liquid (flare)	mm	ø6.4							
	Gas (flare)		ø9.5		ø12.7		ø9.5		ø12.7	
	Drain		VP20 (O.D.ø26 / I.D.ø20)							
Heat insulation			Both liquid and gas pipes							
Panel (option)	Model		BYFQ60B8W1							
	Colour		White							
	Dimensions (H X W X D)	mm	55 × 700 × 700							
	Weight	kg	2.7							

Options

Outdoor unit

No.	Item	3MKS58K	3MXS52K	3MKS75K	3MXS68K	4MKS80K	4MXS80K	4MKS100K	4MXS100K	5MKS110L	5MXS110L
1	Air direction adjustment grille	KPW945A4								KPW5E112	
2	Drain plug	KKP937A4*1				KKP945A4*2					

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

Indoor unit

No.	Item	Wall-mounted type			Duct-connected type		
		CTXG25/35/50	FTK(X)S25/35	FTK(X)S50/60/71	CDK(X)S25/35	CDK(X)S50	CDK(X)S60
1	5-room centralised controller*1	KRC72					
2	Wiring adaptor for time clock/remote controller*2 (Normal open pulse contact/normal open contact)	KRP413AB1S					
3	Titanium apatite photocatalytic air-purifying filter*3	KAF970A46		KAF952B42	—		
4	Wireless remote controller loss prevention chain	KKF910A4	KKF917A4				
5	Suction grille	—			KDGF19A45		
6	Insulation kit for high humidity	—			KDT25N32	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 approximately every 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	Heat pump use	BRC7E530W
			Cooling only use	BRC7E531W
3	Adaptor for wiring*2			KRP1BA57
4	Wiring adaptor for electrical appendices*2			KRP4AA53
5	Installation box for adaptor PCB			KRP1BA101
6	Remote sensor (for indoor temperature)			KRCS01-1B
7	Replacement long-life filter			KAFQ441B60
8	Fresh air intake kit	Direct installation type		KDDQ44X60
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
1	Central remote controller*	DCS302CA61		
2	Unified on/off controller*	DCS301BA61		
3	Schedule timer*	DST301BA61		
4	Interface adaptor for DIII-NET use	KRP928BB2S		DTA112BA51

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

Central remote controller
DCS302CA61

Unified on/off controller
DCS301BA61

Schedule timer
DST301BA61

Capacity table

Cooling only

220 V, 60 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			
3MKS58KVM	25	2.50				2.50 (1.76–3.30)	620 (350– 820)	2.9 (1.6– 3.8)
	35	3.50				3.50 (1.76–4.56)	960 (350–1,510)	4.5 (1.6– 7.0)
	50	5.00				5.00 (1.85–5.82)	1,540 (350–1,980)	7.1 (1.6– 9.1)
	25+25	2.50	2.50			5.00 (1.88–6.23)	1,450 (350–2,140)	6.7 (1.6– 9.8)
	25+35	2.18	3.05			5.23 (1.88–6.35)	1,580 (350–2,160)	7.3 (1.6– 9.9)
	25+50	1.86	3.71			5.57 (1.88–6.91)	1,470 (350–2,070)	6.7 (1.6– 9.5)
	35+35	2.73	2.73			5.46 (1.88–6.40)	1,720 (350–2,160)	7.9 (1.6– 9.9)
	35+50	2.39	3.41			5.80 (1.88–6.92)	1,600 (350–2,080)	7.3 (1.6– 9.6)
	50+50	2.90	2.90			5.80 (1.83–7.00)	1,540 (350–2,110)	7.1 (1.6– 9.7)
	25+25+25	1.86	1.86	1.86		5.58 (1.95–7.04)	1,410 (370–2,160)	6.5 (1.7– 9.9)
	25+25+35	1.71	1.71	2.38		5.80 (1.95–7.06)	1,570 (370–2,160)	7.2 (1.7– 9.9)
	25+25+50	1.45	1.45	2.90		5.80 (1.77–7.30)	1,540 (350–2,240)	7.1 (1.6–10.3)
	25+35+35	1.52	2.14	2.14		5.80 (1.95–7.07)	1,570 (380–2,160)	7.2 (1.7– 9.9)
3MKS75KVM	25	2.50				2.50 (1.70–3.46)	650 (420– 920)	3.2 (2.1– 4.6)
	35	3.50				3.50 (1.71–4.79)	1,010 (420–1,410)	4.8 (2.0– 6.7)
	50	5.00				5.00 (1.83–5.94)	1,560 (450–1,990)	7.2 (2.1– 9.2)
	60	6.00				6.00 (1.92–6.45)	2,100 (440–2,320)	9.6 (2.0–10.7)
	71	7.10				7.10 (2.06–7.17)	2,820 (460–2,840)	12.9 (2.1–13.0)
	25+25	2.50	2.50			5.00 (1.83–6.10)	1,660 (390–2,040)	7.7 (1.8– 9.5)
	25+35	2.50	3.50			6.00 (1.92–6.49)	2,300 (420–2,490)	10.6 (1.9–11.4)
	25+50	2.30	4.60			6.90 (2.10–7.31)	2,400 (410–2,570)	11.0 (1.9–11.8)
	25+60	2.12	5.08			7.20 (2.21–7.66)	2,620 (420–2,710)	12.0 (1.9–12.4)
	25+71	1.95	5.55			7.50 (2.32–8.00)	2,760 (440–3,020)	12.7 (2.0–13.9)
	35+35	3.50	3.50			7.00 (2.06–7.16)	2,790 (460–3,140)	12.8 (2.1–14.4)
	35+50	2.96	4.24			7.20 (2.21–7.65)	2,620 (440–2,810)	12.0 (2.0–12.9)
	35+60	2.76	4.74			7.50 (2.32–7.95)	2,840 (460–3,050)	13.0 (2.1–14.0)
	35+71	2.48	5.02			7.50 (2.42–8.27)	2,740 (490–3,210)	12.6 (2.2–14.7)
	50+50	3.75	3.75			7.50 (2.40–8.09)	2,590 (460–2,900)	11.9 (2.1–13.3)
	50+60	3.41	4.09			7.50 (2.48–8.32)	2,540 (480–3,060)	11.7 (2.2–14.0)
	50+71	3.10	4.40			7.50 (2.61–8.50)	2,500 (510–3,170)	11.5 (2.3–14.6)
	60+60	3.75	3.75			7.50 (2.60–8.50)	2,500 (510–3,170)	11.5 (2.3–14.6)
	60+71	3.44	4.06			7.50 (2.74–8.62)	2,450 (540–3,210)	11.2 (2.5–14.7)
	25+25+25	2.30	2.30	2.30		6.90 (2.10–7.46)	2,180 (380–2,490)	10.0 (1.7–10.9)
	25+25+35	2.12	2.12	2.96		7.20 (2.21–7.87)	2,350 (420–2,740)	10.8 (1.9–12.0)
	25+25+50	1.88	1.88	3.74		7.50 (2.40–8.36)	2,360 (450–2,860)	10.8 (2.1–12.6)
	25+25+60	1.70	1.70	4.10		7.50 (2.48–8.63)	2,260 (480–2,960)	10.4 (2.2–13.0)
	25+25+71	1.55	1.55	4.40		7.50 (2.61–8.86)	2,240 (510–3,020)	10.3 (2.3–13.3)
	25+35+35	1.98	2.76	2.76		7.50 (2.29–8.23)	2,580 (450–3,070)	11.8 (2.1–13.5)
	25+35+50	1.70	2.39	3.41		7.50 (2.48–8.63)	2,360 (480–3,070)	10.8 (2.2–13.5)
	25+35+60	1.56	2.19	3.75		7.50 (2.60–8.84)	2,260 (510–2,960)	10.4 (2.3–13.0)
	25+35+71	1.43	2.00	4.07		7.50 (2.74–9.01)	2,220 (530–3,130)	10.2 (2.4–13.7)
	25+50+50	1.50	3.00	3.00		7.50 (2.70–8.92)	2,130 (500–3,030)	9.8 (2.3–13.3)
	25+50+60	1.39	2.78	3.33		7.50 (2.78–9.04)	2,080 (560–3,090)	9.6 (2.6–13.6)
	35+35+35	2.50	2.50	2.50		7.50 (2.41–8.53)	2,560 (480–3,150)	11.8 (2.2–13.8)
	35+35+50	2.19	2.19	3.12		7.50 (2.60–8.84)	2,360 (510–3,230)	10.8 (2.3–14.2)
	35+35+60	2.02	2.02	3.46		7.50 (2.72–8.98)	2,210 (530–3,040)	10.1 (2.4–13.4)
	35+50+50	1.94	2.78	2.78		7.50 (2.78–9.07)	2,130 (560–3,140)	9.8 (2.6–13.8)

Notes: 1. Cooling operation data is based on the following conditions: indoor temp.26.7°CDB, 19.4°CWB; outdoor temp.35°CDB.
2. Total capacity of connected indoor units is: up to 10.0kW to the 3MKS58KVM; up to 13.5 kW to the 3MKS75KVM.

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			
4MKS80KVM	25	2.50				2.50 (1.79– 3.54)	740 (450–1,060)	3.4 (2.1– 4.9)
	35	3.50				3.50 (1.83– 4.92)	1,180 (450–1,510)	5.5 (2.1– 7.0)
	50	5.00				5.00 (1.98– 6.09)	1,690 (460–2,080)	7.8 (2.1– 9.6)
	60	6.00				6.00 (2.08– 6.75)	1,990 (430–2,300)	9.2 (2.0–10.7)
	71	7.10				7.10 (2.18– 7.68)	2,680 (460–2,980)	12.4 (2.1–13.8)
	25+25	2.50	2.50			5.00 (1.98– 6.29)	1,430 (430–2,040)	6.6 (2.0– 9.5)
	25+35	2.50	3.50			6.00 (2.08– 6.84)	1,990 (430–2,350)	9.2 (2.0–10.9)
	25+50	2.40	4.81			7.21 (2.24– 7.64)	2,600 (470–2,770)	12.1 (2.2–12.8)
	25+60	2.21	5.29			7.50 (2.37– 8.25)	2,630 (500–3,000)	12.2 (2.3–13.9)
	25+71	2.03	5.78			7.81 (2.51– 8.48)	2,870 (540–3,130)	13.3 (2.5–14.5)
	35+35	3.50	3.50			7.00 (2.18– 7.31)	2,630 (460–2,680)	12.2 (2.1–12.4)
	35+50	3.09	4.41			7.50 (2.37– 7.97)	2,830 (500–2,950)	13.1 (2.3–13.7)
	35+60	2.87	4.92			7.79 (2.50– 8.47)	2,870 (540–3,120)	13.3 (2.5–14.5)
	35+71	2.63	5.32			7.95 (2.64– 8.49)	2,940 (570–3,130)	13.6 (2.6–14.5)
	50+50	3.95	3.95			7.90 (2.57– 8.44)	2,930 (570–3,120)	13.6 (2.6–14.5)
	50+60	3.64	4.36			8.00 (2.70– 8.77)	2,840 (570–3,170)	13.2 (2.6–14.7)
	50+71	3.31	4.69			8.00 (2.84– 8.97)	2,840 (610–3,310)	13.2 (2.8–15.4)
	60+60	4.00	4.00			8.00 (2.83– 9.28)	2,620 (610–3,350)	12.2 (2.8–15.5)
	60+71	3.66	4.34			8.00 (2.97– 9.31)	2,560 (640–3,360)	11.9 (3.0–15.6)
	71+71	4.00	4.00			8.00 (3.12– 9.33)	2,500 (640–3,360)	11.6 (3.0–15.6)
	25+25+25	2.40	2.40	2.40		7.20 (2.24– 7.70)	2,450 (470–2,630)	11.4 (2.2–12.2)
	25+25+35	2.18	2.18	3.06		7.42 (2.37– 8.25)	2,570 (500–3,000)	11.9 (2.3–13.9)
	25+25+50	1.94	1.94	3.89		7.77 (2.57– 8.78)	2,660 (540–3,170)	12.3 (2.5–14.7)
	25+25+60	1.82	1.82	4.36		8.00 (2.70– 9.12)	2,620 (580–3,220)	12.2 (2.7–14.9)
	25+25+71	1.65	1.65	4.70		8.00 (2.84– 9.32)	2,620 (610–3,360)	12.2 (2.8–15.6)
	25+35+35	2.01	2.82	2.82		7.65 (2.50– 8.49)	2,750 (540–3,130)	12.8 (2.5–14.5)
	25+35+50	1.82	2.55	3.63		8.00 (2.70– 8.92)	2,840 (570–3,310)	13.2 (2.6–15.4)
	25+35+60	1.67	2.33	4.00		8.00 (2.83– 9.30)	2,620 (610–3,360)	12.2 (2.8–15.6)
	25+35+71	1.53	2.14	4.33		8.00 (2.97– 9.33)	2,620 (610–3,360)	12.2 (2.8–15.6)
	25+50+50	1.60	3.20	3.20		8.00 (2.89– 9.28)	2,620 (610–3,350)	12.2 (2.8–15.5)
	25+50+60	1.48	2.96	3.56		8.00 (3.02– 9.61)	2,460 (640–3,400)	11.4 (3.0–15.8)
	25+50+71	1.37	2.74	3.89		8.00 (3.17– 9.63)	2,460 (640–3,410)	11.4 (3.0–15.8)
	25+60+60	1.38	3.31	3.31		8.00 (3.16– 9.95)	2,360 (640–3,450)	10.9 (3.0–16.0)
	25+60+71	1.28	3.08	3.64		8.00 (3.30–10.37)	2,300 (680–3,920)	10.7 (3.2–18.2)
	35+35+35	2.63	2.63	2.63		7.89 (2.63– 8.78)	2,870 (570–3,460)	13.3 (2.6–16.0)
	35+35+50	2.33	2.33	3.34		8.00 (2.83– 9.09)	2,780 (610–3,450)	12.9 (2.8–16.0)
	35+35+60	2.15	2.76	3.70		8.00 (2.96– 9.31)	2,690 (610–3,360)	12.5 (2.8–15.6)
	35+35+71	1.99	1.99	4.02		8.00 (3.10– 9.39)	2,630 (640–3,430)	12.2 (3.0–15.9)
	35+50+50	2.08	2.96	2.96		8.00 (3.02– 9.35)	2,620 (640–3,420)	12.2 (3.0–15.9)
	35+50+60	1.93	2.76	3.31		8.00 (3.16– 9.62)	2,460 (640–3,400)	11.4 (3.0–15.8)
	35+50+71	1.80	2.56	3.64		8.00 (3.30–10.08)	2,460 (680–3,930)	11.4 (3.2–18.2)
	35+60+60	1.80	3.10	3.10		8.00 (3.29–10.35)	2,360 (680–3,920)	10.9 (3.2–18.2)
	50+50+50	2.66	2.66	2.66		7.98 (3.22–10.04)	2,460 (680–3,920)	11.4 (3.2–18.2)
	25+25+25+25	1.94	1.94	1.94	1.94	7.76 (2.57– 9.03)	2,500 (540–3,150)	11.6 (2.5–14.6)
	25+25+25+35	1.82	1.82	1.82	2.54	8.00 (2.70– 9.13)	2,620 (580–3,220)	12.2 (2.7–14.9)
	25+25+25+50	1.60	1.60	1.60	3.20	8.00 (2.89– 9.62)	2,460 (610–3,410)	11.4 (2.8–15.8)
	25+25+25+60	1.48	1.48	1.48	3.56	8.00 (3.02– 9.96)	2,360 (610–3,460)	10.9 (2.8–16.0)
	25+25+25+71	1.37	1.37	1.37	3.89	8.00 (3.17– 9.98)	2,300 (640–3,460)	10.7 (3.0–16.0)
	25+25+35+35	1.67	1.67	2.33	2.33	8.00 (2.83– 9.32)	2,620 (610–3,360)	12.2 (2.8–15.6)
	25+25+35+50	1.48	1.48	2.07	2.97	8.00 (3.02– 9.63)	2,460 (610–3,410)	11.4 (2.8–15.8)
	25+25+35+60	1.38	1.38	1.93	3.31	8.00 (3.16– 9.97)	2,300 (640–3,460)	10.7 (3.0–16.0)
	25+25+35+71	1.28	1.28	1.79	3.65	8.00 (3.30–10.50)	2,300 (680–4,000)	10.7 (3.2–18.6)
	25+25+50+50	1.33	1.33	2.67	2.67	8.00 (3.22–10.45)	2,360 (640–3,920)	10.9 (3.0–18.2)
	25+35+35+35	1.55	2.15	2.15	2.15	8.00 (2.96– 9.58)	2,630 (610–3,650)	12.2 (2.8–16.9)
	25+35+35+50	1.38	1.93	1.93	2.76	8.00 (3.16– 9.76)	2,460 (640–3,560)	11.4 (3.0–16.5)
	25+35+35+60	1.28	1.81	1.81	3.10	8.00 (3.29–10.37)	2,300 (680–3,920)	10.7 (3.2–18.2)
	35+35+35+35	2.00	2.00	2.00	2.00	8.00 (3.09– 9.67)	2,630 (640–3,800)	12.2 (3.0–17.6)
	35+35+35+50	1.81	1.81	1.81	2.57	8.00 (3.29–10.09)	2,460 (680–3,930)	11.4 (3.2–18.2)
4MKS100KVM	25	2.50				2.50 (1.79– 3.60)	710 (400–1,290)	3.3 (1.9– 6.0)
	35	3.50				3.50 (1.84– 4.90)	1,060 (430–1,620)	4.9 (2.0– 7.5)
	50	5.00				5.00 (1.99– 5.82)	1,580 (410–1,940)	7.3 (1.9– 9.0)
	60	6.00				6.00 (2.08– 6.60)	1,810 (410–2,160)	8.4 (1.9–10.0)
	71	7.10				7.10 (2.19– 7.38)	2,420 (440–2,640)	11.2 (2.0–12.2)
	25+25	2.50	2.50			5.00 (1.99– 6.19)	1,290 (380–1,910)	6.0 (1.8– 8.9)
	25+35	2.50	3.50			6.00 (2.08– 6.60)	1,820 (410–2,110)	8.4 (1.9– 9.8)
	25+50	2.41	4.82			7.23 (2.25– 7.64)	2,390 (450–2,610)	11.1 (2.1–12.1)
	25+60	2.22	5.33			7.55 (2.38– 8.25)	2,410 (480–2,880)	11.2 (2.2–13.4)
	25+71	2.06	5.84			7.90 (2.52– 8.53)	2,590 (520–3,010)	12.0 (2.4–14.0)
	35+35	3.50	3.50			7.00 (2.18– 7.31)	2,360 (440–2,580)	10.9 (2.0–12.0)
	35+50	3.11	4.44			7.55 (2.38– 8.02)	2,550 (480–2,840)	11.8 (2.2–13.2)
	35+60	2.90	4.97			7.87 (2.51– 8.52)	2,580 (520–3,000)	12.0 (2.4–13.9)
	35+71	2.72	5.51			8.23 (2.65– 8.54)	2,820 (520–3,010)	13.1 (2.4–14.0)
	50+50	4.02	4.02			8.03 (2.58– 8.49)	2,700 (520–3,000)	12.5 (2.4–13.9)
	50+60	3.80	4.55			8.35 (2.71– 8.83)	2,730 (550–3,050)	12.7 (2.6–14.1)

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			
4MKS100KVM	50+71	3.60	5.11			8.71 (2.85– 9.03)	2,980 (550–3,180)	13.8 (2.6–14.7)
	60+60	4.34	4.34			8.68 (2.84– 9.34)	2,770 (550–3,220)	12.8 (2.6–14.9)
	60+71	4.14	4.89			9.03 (2.98– 9.36)	2,960 (580–3,230)	13.7 (2.7–15.0)
	71+71	4.69	4.69			9.38 (3.13– 9.57)	3,100 (620–3,230)	14.4 (2.9–15.0)
	25+25+25	2.41	2.41	2.41		7.23 (2.25– 7.64)	2,190 (450–2,470)	10.2 (2.1–11.5)
	25+25+35	2.22	2.22	3.11		7.55 (2.38– 8.25)	2,410 (480–2,820)	11.2 (2.2–13.1)
	25+25+50	2.01	2.01	4.01		8.03 (2.58– 8.66)	2,550 (520–2,920)	11.8 (2.4–13.5)
	25+25+60	1.90	1.90	4.55		8.35 (2.71– 9.17)	2,580 (520–3,090)	12.0 (2.4–14.3)
	25+25+71	1.80	1.80	5.11		8.71 (2.85– 9.37)	2,710 (550–3,230)	12.6 (2.6–15.0)
	25+35+35	2.07	2.90	2.90		7.87 (2.51– 8.63)	2,590 (520–2,880)	12.0 (2.4–13.4)
	25+35+50	1.90	2.66	3.79		8.35 (2.71– 8.85)	2,730 (550–3,050)	12.7 (2.6–14.1)
	25+35+60	1.81	2.53	4.34		8.68 (2.84– 9.36)	2,770 (550–3,230)	12.8 (2.6–15.0)
	25+35+71	1.73	2.41	4.89		9.03 (2.98– 9.38)	2,960 (580–3,230)	13.7 (2.7–15.0)
	25+50+50	1.76	3.54	3.54		8.84 (2.90– 9.34)	2,890 (550–3,220)	13.4 (2.6–14.9)
	25+50+60	1.70	3.39	4.07		9.16 (3.04– 9.67)	2,860 (590–3,270)	13.3 (2.7–15.2)
	25+50+71	1.63	3.26	4.62		9.51 (3.18– 9.69)	3,000 (620–3,280)	13.9 (2.9–15.2)
	25+60+60	1.64	3.92	3.92		9.48 (3.17–10.01)	2,830 (590–3,320)	13.1 (2.7–15.4)
	25+60+71	1.57	3.77	4.46		9.80 (3.31–10.22)	3,180 (620–3,470)	14.7 (2.9–16.1)
	35+35+35	2.73	2.73	2.73		8.19 (2.64– 8.82)	2,760 (520–3,010)	12.8 (2.4–14.0)
	35+35+50	2.53	2.53	3.62		8.68 (2.84– 9.03)	2,990 (550–3,180)	13.9 (2.6–14.7)
	35+35+60	2.42	2.42	4.16		9.00 (2.97– 9.37)	2,960 (580–3,230)	13.7 (2.7–15.0)
	35+35+71	2.32	2.32	4.71		9.35 (3.12– 9.49)	3,160 (620–3,230)	14.7 (2.9–15.0)
	35+50+50	2.38	3.39	3.39		9.16 (3.04– 9.34)	3,090 (580–3,220)	14.3 (2.7–14.9)
	35+50+60	2.29	3.27	3.92		9.48 (3.17– 9.68)	3,070 (620–3,270)	14.2 (2.9–15.2)
	35+50+71	2.20	3.14	4.46		9.80 (3.31– 9.94)	3,280 (620–3,490)	15.2 (2.9–16.2)
	35+60+60	2.22	3.79	3.79		9.80 (3.30–10.26)	3,110 (620–3,540)	14.4 (2.9–16.4)
	50+50+50	3.21	3.21	3.21		9.64 (3.23– 9.89)	3,200 (620–3,480)	14.8 (2.9–16.1)
	25+25+25+25	2.01	2.01	2.01	2.01	8.04 (2.58– 9.03)	2,400 (520–3,030)	11.1 (2.4–14.1)
	25+25+25+35	1.90	1.90	1.90	2.65	8.35 (2.71– 9.19)	2,580 (520–3,090)	12.0 (2.4–14.3)
	25+25+25+50	1.77	1.77	1.77	3.53	8.84 (2.90– 9.68)	2,740 (560–3,270)	12.7 (2.6–15.2)
	25+25+25+60	1.70	1.70	1.70	4.06	9.16 (3.04–10.02)	2,770 (590–3,320)	12.8 (2.7–15.4)
	25+25+25+71	1.63	1.63	1.63	4.62	9.51 (3.18–10.36)	2,970 (590–3,330)	13.8 (2.7–15.4)
	25+25+35+35	1.81	1.81	2.53	2.53	8.68 (2.84– 9.38)	2,770 (550–3,230)	12.8 (2.6–15.0)
	25+25+35+50	1.70	1.70	2.37	3.39	9.16 (3.04– 9.69)	2,930 (590–3,280)	13.6 (2.7–15.2)
	25+25+35+60	1.63	1.63	2.29	3.93	9.48 (3.17–10.34)	2,970 (590–3,320)	13.8 (2.7–15.4)
	25+25+35+71	1.57	1.57	2.20	4.46	9.80 (3.31–10.50)	3,180 (620–3,470)	14.7 (2.9–16.1)
	25+25+50+50	1.61	1.61	3.21	3.21	9.64 (3.23–10.45)	3,110 (620–3,840)	14.4 (2.9–17.8)
	25+35+35+35	1.74	2.42	2.42	2.42	9.00 (2.97– 9.41)	2,960 (580–3,230)	13.7 (2.7–15.0)
	25+35+35+50	1.63	2.29	2.29	3.27	9.48 (3.17– 9.70)	3,140 (620–3,280)	14.6 (2.9–15.2)
	25+35+35+60	1.58	2.21	2.21	3.80	9.80 (3.30–10.49)	3,180 (620–3,470)	14.7 (2.9–16.1)
	35+35+35+35	2.33	2.33	2.33	2.33	9.32 (3.10– 9.40)	3,230 (620–3,230)	15.0 (2.9–15.0)
	35+35+35+50	2.21	2.21	2.21	3.17	9.80 (3.30–10.49)	3,420 (620–3,860)	15.9 (2.9–17.9)

Notes: 1. Cooling operation data is based on the following conditions: indoor temp.26.7°CDB, 19.4°CWB; outdoor temp.35°CDB.
2. Total capacity of connected indoor units is up to 15.6kW to the 4MKS80/100KVM.

Cooling only

220 V, 60 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)					Capacidade total (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			
5MKS110LVM	25	2.50					2.50 (1.98– 3.54)	640 (500–930)	3.0 (2.4– 4.4)
	35	3.50					3.50 (1.98– 3.70)	900 (500–990)	4.2 (2.4– 4.7)
	50	5.00					5.00 (2.34– 5.86)	1,260 (530–1,700)	5.9 (2.5– 8.0)
	60	6.00					6.00 (2.37– 6.99)	1,760 (530–2,520)	8.2 (2.5–11.9)
	71	7.10					7.10 (2.39– 7.42)	2,580 (530–2,910)	12.1 (2.5–13.7)
	25+25	2.50	2.50				5.00 (2.69– 6.29)	1,240 (550–1,640)	5.8 (2.6– 7.7)
	25+35	2.50	3.50				6.00 (2.69– 7.39)	1,720 (550–2,420)	8.1 (2.6–11.4)
	25+50	2.43	4.86				7.29 (2.91– 9.57)	2,040 (550–3,440)	9.6 (2.6–16.2)
	25+60	2.29	5.50				7.79 (2.94– 9.73)	2,270 (550–3,440)	10.6 (2.6–16.2)
	25+71	2.17	6.16				8.33 (2.96–10.20)	2,580 (550–3,960)	12.1 (2.6–18.6)
	35+35	3.50	3.50				7.00 (2.70– 7.74)	2,470 (550–2,800)	11.6 (2.6–13.2)
	35+50	3.21	4.58				7.79 (2.91– 9.59)	2,330 (550–3,440)	10.9 (2.6–16.2)
	35+60	3.05	5.23				8.28 (2.94–10.09)	2,640 (550–3,960)	12.4 (2.6–18.6)
	35+71	2.91	5.91				8.82 (2.96–10.22)	3,040 (550–3,960)	14.2 (2.6–18.6)
	50+50	4.27	4.27				8.53 (3.08–11.20)	2,330 (550–4,010)	10.9 (2.6–18.8)
	50+60	4.10	4.92				9.02 (3.10–11.34)	2,570 (550–4,010)	12.0 (2.6–18.8)
	50+71	3.95	5.61				9.56 (3.12–11.44)	2,960 (550–4,010)	13.9 (2.6–18.8)
	60+60	4.76	4.76				9.51 (3.12–11.47)	2,890 (550–4,010)	13.5 (2.6–18.8)
	60+71	4.61	5.45				10.06 (3.13–11.57)	3,230 (550–4,010)	15.1 (2.6–18.8)
	71+71	5.30	5.30				10.60 (3.26–11.66)	3,550 (550–4,000)	16.6 (2.6–18.8)
	25+25+25	2.43	2.43	2.43			7.29 (2.94– 9.74)	1,990 (550–3,440)	9.3 (2.6–16.2)
	25+25+35	2.29	2.29	3.21			7.79 (2.94– 9.76)	2,270 (550–3,440)	10.6 (2.6–16.2)
	25+25+50	2.13	2.13	4.27			8.53 (3.10–11.35)	2,270 (550–4,010)	10.6 (2.6–18.8)
	25+25+60	2.05	2.05	4.92			9.02 (3.12–11.48)	2,510 (550–4,010)	11.8 (2.6–18.8)
	25+25+71	1.98	1.98	5.60			9.56 (3.14–11.58)	2,890 (550–4,010)	13.5 (2.6–18.8)
	25+35+35	2.18	3.05	3.05			8.28 (2.94–10.12)	2,580 (550–3,960)	12.1 (2.6–18.6)
	25+35+50	2.05	2.87	4.10			9.02 (3.11–11.36)	2,570 (550–4,010)	12.0 (2.6–18.8)
	25+35+60	1.98	2.77	4.76			9.51 (3.12–11.50)	2,890 (550–4,010)	13.5 (2.6–18.8)
	25+35+71	1.92	2.69	5.45			10.06 (3.14–11.59)	3,230 (550–4,000)	15.1 (2.6–18.8)
	25+50+50	1.96	3.90	3.90			9.76 (3.22–12.19)	2,690 (550–3,990)	12.6 (2.6–18.7)
	25+50+60	1.90	3.80	4.55			10.25 (3.23–12.28)	3,010 (550–3,980)	14.1 (2.6–18.7)
	25+50+71	1.85	3.70	5.25			10.80 (3.24–12.34)	3,360 (550–3,980)	15.7 (2.6–18.7)
	25+60+60	1.85	4.45	4.45			10.75 (3.31–12.36)	3,290 (550–3,980)	15.4 (2.6–18.7)
	25+60+71	1.76	4.23	5.01			11.00 (3.32–12.41)	3,460 (550–3,980)	16.2 (2.6–18.7)
	35+35+35	2.92	2.92	2.92			8.77 (2.95–10.14)	3,040 (550–3,960)	14.2 (2.6–18.6)
	35+35+50	2.77	2.77	3.97			9.51 (3.11–11.38)	2,890 (550–4,010)	13.5 (2.6–18.8)
	35+35+60	2.70	2.70	4.61			10.01 (3.13–11.51)	3,230 (550–4,010)	15.1 (2.6–18.8)
	35+35+71	2.62	2.62	5.31			10.55 (3.27–11.60)	3,550 (550–4,000)	16.6 (2.6–18.8)
	35+50+50	2.65	3.80	3.80			10.25 (3.22–12.20)	3,010 (550–3,990)	14.1 (2.6–18.7)
	35+50+60	2.59	3.71	4.45			10.75 (3.37–12.29)	3,360 (550–3,980)	15.7 (2.6–18.7)
	35+50+71	2.47	3.53	5.00			11.00 (3.38–12.34)	3,460 (550–3,980)	16.2 (2.6–18.7)
	35+60+60	2.48	4.26	4.26			11.00 (3.38–12.36)	3,460 (550–3,980)	16.2 (2.6–18.7)
	50+50+50	3.66	3.66	3.66			10.99 (3.43–12.66)	3,270 (550–3,960)	15.3 (2.6–18.6)
	25+25+25+25	2.13	2.13	2.13	2.13		8.53 (3.12–11.49)	2,260 (550–4,010)	10.6 (2.6–18.8)
	25+25+25+35	2.05	2.05	2.05	2.87		9.02 (3.12–11.50)	2,510 (550–4,010)	11.8 (2.6–18.8)
	25+25+25+50	1.95	1.95	1.95	3.91		9.76 (3.23–12.28)	2,680 (550–3,980)	12.6 (2.6–18.7)
	25+25+25+60	1.90	1.90	1.90	4.55		10.25 (3.24–12.36)	2,940 (550–3,980)	13.8 (2.6–18.7)
	25+25+25+71	1.85	1.85	1.85	5.25		10.80 (3.25–12.41)	3,280 (550–3,980)	15.4 (2.6–18.7)
	25+25+35+35	1.98	1.98	2.77	2.77		9.51 (3.13–11.52)	2,830 (550–4,010)	13.3 (2.6–18.8)
	25+25+35+50	1.90	1.90	2.66	3.79		10.25 (3.23–12.29)	2,940 (550–3,980)	13.8 (2.6–18.7)
	25+25+35+60	1.85	1.85	2.59	4.46		10.75 (3.24–12.37)	3,280 (550–3,980)	15.4 (2.6–18.7)
	25+25+35+71	1.76	1.76	2.47	5.01		11.00 (3.25–12.42)	3,460 (550–3,980)	16.2 (2.6–18.7)
	25+25+50+50	1.83	1.83	3.66	3.66		10.99 (3.29–12.69)	3,270 (550–3,960)	15.3 (2.6–18.6)
	25+35+35+35	1.91	2.70	2.70	2.70		10.01 (3.13–11.53)	3,230 (550–4,010)	15.1 (2.6–18.8)
	25+35+35+50	1.85	2.59	2.59	3.72		10.75 (3.24–12.30)	3,360 (550–3,980)	15.7 (2.6–18.7)
	25+35+35+60	1.77	2.48	2.48	4.27		11.00 (3.25–12.37)	3,460 (550–3,980)	16.2 (2.6–18.7)
	35+35+35+35	2.63	2.63	2.63	2.63		10.50 (3.13–11.54)	3,550 (550–4,010)	16.6 (2.6–18.8)
	35+35+35+50	2.48	2.48	2.48	3.56		11.00 (3.24–12.31)	3,460 (550–3,980)	16.2 (2.6–18.7)
	25+25+25+25+25	1.95	1.95	1.95	1.95	1.95	9.76 (3.24–12.36)	2,620 (550–3,980)	12.3 (2.6–18.7)
	25+25+25+25+35	1.90	1.90	1.90	1.90	2.65	10.25 (3.25–12.37)	2,940 (550–3,980)	13.8 (2.6–18.7)
	25+25+25+25+50	1.83	1.83	1.83	1.83	3.68	11.00 (3.30–12.80)	3,270 (550–4,030)	15.3 (2.6–18.9)
	25+25+25+35+35	1.85	1.85	1.85	2.60	2.60	10.75 (3.25–12.38)	3,280 (550–3,980)	15.4 (2.6–18.7)
	25+25+35+35+35	1.78	1.78	2.48	2.48	2.48	11.00 (3.25–12.39)	3,460 (550–3,980)	16.2 (2.6–18.7)

Notes: 1. Cooling operation data is based on the following conditions: indoor temp.27°CDB, 19°CWB; outdoor temp.35°CDB.
corresponding refrigerant piping length: 5m; level difference: 0m.
2. Total capacity of connected indoor units is up to 15.6kW to the 5MKS110LVM.
3. The above is the value for connecting with the following indoor units: 2.5/3.5/5.0/6.0/7.1kW class, wall-mounted K series.

Heat pump

220 V, 60 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			
3MXS52KVM Cooling capacity	25	2.50				2.50 (1.76– 3.24)	620 (350– 800)	2.9 (1.6– 3.7)
	35	3.50				3.50 (1.76– 4.52)	970 (350–1,510)	4.5 (1.6– 7.0)
	50	5.00				5.00 (1.85– 5.80)	1,540 (350–2,100)	7.1 (1.6– 9.6)
	25+25	2.50	2.50			5.00 (1.88– 6.23)	1,450 (350–2,140)	6.7 (1.6– 9.8)
	25+35	2.17	3.03			5.20 (1.88– 6.35)	1,550 (350–2,250)	7.1 (1.6–10.3)
	25+50	1.73	3.47			5.20 (1.88– 6.91)	1,280 (350–2,070)	5.9 (1.6– 9.5)
	35+35	2.60	2.60			5.20 (1.88– 6.40)	1,550 (350–2,250)	7.1 (1.6–10.3)
	35+50	2.14	3.06			5.20 (1.88– 6.92)	1,260 (350–2,080)	5.8 (1.6– 9.6)
	25+25+25	1.73	1.73	1.73		5.19 (1.95– 7.04)	1,240 (370–2,160)	5.7 (1.7– 9.9)
	25+25+35	1.53	1.53	2.14		5.20 (1.95– 7.06)	1,230 (370–2,160)	5.6 (1.7– 9.9)
3MXS52KVM Heating capacity	25	3.40				3.40 (1.21– 4.00)	990 (300–1,260)	4.6 (1.4– 5.9)
	35	4.20				4.20 (1.21– 4.82)	1,390 (300–1,680)	6.4 (1.4– 7.8)
	50	5.80				5.80 (1.30– 6.79)	1,740 (300–2,510)	8.0 (1.4–11.5)
	25+25	3.25	3.25			6.50 (1.28– 7.00)	1,860 (310–2,310)	8.5 (1.4–10.6)
	25+35	2.79	3.97			6.70 (1.34– 7.19)	1,930 (310–2,360)	8.9 (1.4–10.8)
	25+50	2.27	4.53			6.80 (1.42– 7.95)	1,520 (310–2,220)	7.0 (1.4–10.2)
	35+35	3.40	3.40			6.80 (1.40– 7.22)	1,970 (310–2,350)	9.0 (1.4–10.8)
	35+50	2.80	4.00			6.80 (1.42– 7.98)	1,520 (310–2,210)	7.0 (1.4–10.1)
	25+25+25	2.26	2.26	2.26		6.78 (1.45– 8.02)	1,570 (320–2,140)	7.2 (1.5– 9.8)
	25+25+35	2.00	2.00	2.80		6.80 (1.57– 8.05)	1,560 (320–2,140)	7.2 (1.5– 9.8)
3MXS68KVM Cooling capacity	25	2.50				2.50 (1.70– 3.39)	650 (440– 910)	3.1 (2.1– 4.3)
	35	3.50				3.50 (1.71– 4.73)	1,020 (450–1,430)	4.7 (2.1– 6.6)
	50	5.00				5.00 (1.87– 5.88)	1,650 (470–2,140)	7.6 (2.2– 9.8)
	60	6.00				6.00 (1.89– 6.35)	2,230 (450–2,440)	10.2 (2.1–11.2)
	25+25	2.50	2.50			5.00 (1.83– 5.97)	1,710 (460–2,190)	7.9 (2.1–10.1)
	25+35	2.50	3.50			6.00 (1.90– 6.43)	2,430 (460–2,630)	11.2 (2.1–12.1)
	25+50	2.27	4.53			6.80 (2.10– 7.25)	2,440 (470–2,640)	11.2 (2.2–12.1)
	25+60	2.00	4.80			6.80 (2.15– 7.60)	2,390 (470–2,840)	11.0 (2.2–13.0)
	35+35	3.40	3.40			6.80 (1.98– 6.97)	2,770 (450–2,850)	12.7 (2.1–13.1)
	35+50	2.80	4.00			6.80 (2.15– 7.63)	2,440 (470–2,870)	11.2 (2.2–13.2)
	35+60	2.51	4.29			6.80 (2.25– 7.90)	2,370 (470–3,110)	10.9 (2.2–14.3)
	50+50	3.40	3.40			6.80 (2.36– 8.11)	2,190 (490–2,950)	10.1 (2.2–13.5)
	50+60	3.09	3.71			6.80 (2.42– 8.29)	2,140 (490–3,060)	9.8 (2.2–14.0)
	25+25+25	2.26	2.26	2.26		6.80 (2.04– 7.45)	2,230 (470–2,580)	10.2 (2.2–11.8)
	25+25+35	2.00	2.00	2.80		6.80 (2.15– 7.79)	2,230 (470–2,860)	10.2 (2.2–13.1)
	25+25+50	1.70	1.70	3.40		6.80 (2.35– 8.27)	2,050 (500–2,960)	9.4 (2.3–13.6)
	25+25+60	1.55	1.55	3.70		6.80 (2.42– 8.53)	2,030 (490–3,180)	9.3 (2.2–14.6)
	25+35+35	1.78	2.51	2.51		6.80 (2.25– 8.11)	2,230 (470–3,200)	10.2 (2.2–14.7)
	25+35+50	1.55	2.16	3.09		6.80 (2.42– 8.53)	2,050 (490–3,250)	9.4 (2.2–14.9)
	35+35+35	2.26	2.26	2.26		6.80 (2.37– 8.44)	2,210 (470–3,330)	10.1 (2.2–15.3)
3MXS68KVM Heating capacity	25	3.40				3.40 (1.23– 4.11)	1,090 (370–1,330)	5.1 (1.7– 6.2)
	35	4.30				4.30 (1.29– 4.47)	1,410 (380–1,560)	6.5 (1.7– 7.2)
	50	7.20				7.20 (1.61– 8.02)	2,420 (400–2,710)	11.1 (1.8–12.4)
	60	7.90				7.90 (1.93– 8.51)	2,510 (430–2,710)	11.5 (2.0–12.4)
	25+25	3.60	3.60			7.20 (1.61– 8.14)	2,190 (400–2,500)	10.1 (1.8–11.5)
	25+35	3.29	4.61			7.90 (1.90– 8.62)	2,550 (430–2,800)	11.7 (2.0–12.9)
	25+50	2.87	5.73			8.60 (2.26–10.23)	2,420 (510–2,930)	11.1 (2.3–13.5)
	25+60	2.53	6.07			8.60 (2.53–10.40)	2,310 (570–2,930)	10.6 (2.6–13.5)
	35+35	4.30	4.30			8.60 (2.13– 8.97)	2,870 (480–3,030)	13.2 (2.2–13.9)
	35+50	3.54	5.06			8.60 (2.50–10.41)	2,410 (570–3,010)	11.1 (2.6–13.8)
	35+60	3.17	5.43			8.60 (2.73–10.56)	2,280 (590–2,920)	10.5 (2.7–13.4)
	50+50	4.30	4.30			8.60 (2.83–10.61)	2,240 (650–2,800)	10.3 (3.0–12.9)
	50+60	3.91	4.69			8.60 (3.04–10.64)	2,150 (640–2,740)	9.9 (2.9–12.6)
	25+25+25	2.86	2.86	2.86		8.60 (2.26–10.23)	2,290 (500–2,800)	10.5 (2.3–12.9)
	25+25+35	2.53	2.53	3.54		8.60 (2.50–10.41)	2,290 (540–2,880)	10.5 (2.5–13.2)
	25+25+50	2.15	2.15	4.30		8.60 (2.83–10.61)	2,080 (650–2,680)	9.6 (3.0–12.3)
	25+25+60	1.95	1.95	4.70		8.60 (3.04–10.64)	2,040 (660–2,580)	9.4 (3.0–11.8)
	25+35+35	2.26	3.17	3.17		8.60 (2.73–10.56)	2,250 (580–2,880)	10.3 (2.7–13.2)
	25+35+50	1.95	2.74	3.91		8.60 (3.04–10.64)	2,080 (680–2,670)	9.6 (3.1–12.3)
	35+35+35	2.86	2.86	2.86		8.60 (3.01–10.62)	2,250 (670–2,940)	10.3 (3.1–13.5)

Notes: 1. Cooling operation data is based on the following conditions: indoor temp.26.7°CDB, 19.4°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 9.0kW to the 3MXS52KVM; up to 11.0kW to the 3MXS68KVM.
4. A single indoor unit cannot be connected.

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			
4MXS80KVM Cooling capacity	25	2.50				2.50 (1.87– 3.52)	780 (490–1,350)	3.6 (2.3– 6.3)
	35	3.50				3.50 (1.91– 4.85)	1,190 (490–1,570)	5.5 (2.3– 7.3)
	50	5.00				5.00 (2.07– 5.65)	1,670 (470–1,810)	7.7 (2.2– 8.4)
	60	6.00				6.00 (2.17– 6.60)	2,010 (470–2,430)	9.3 (2.2–11.3)
	71	7.10				7.10 (2.28– 7.26)	2,710 (500–2,830)	12.6 (2.3–13.1)
	25+25	2.50	2.50			5.00 (2.07– 6.17)	1,440 (430–2,110)	6.7 (2.0– 9.8)
	25+35	2.50	3.50			6.00 (2.17– 6.60)	2,010 (470–2,370)	9.3 (2.2–11.0)
	25+50	2.40	4.79			7.19 (2.34– 7.59)	2,470 (510–2,770)	11.5 (2.4–12.8)
	25+60	2.18	5.24			7.42 (2.48– 8.03)	2,590 (540–3,030)	12.0 (2.5–14.1)
	25+71	2.00	5.68			7.68 (2.63– 8.22)	2,730 (580–3,160)	12.7 (2.7–14.7)
	35+35	3.50	3.50			7.00 (2.27– 7.27)	2,650 (500–2,830)	12.3 (2.3–13.1)
	35+50	3.06	4.36			7.42 (2.48– 8.01)	2,650 (540–3,030)	12.3 (2.5–14.1)
	35+60	2.82	4.83			7.65 (2.61– 8.54)	2,700 (580–3,560)	12.5 (2.7–16.5)
	35+71	2.61	5.30			7.91 (2.77– 8.23)	2,970 (610–3,160)	13.8 (2.8–14.7)
	50+50	3.88	3.88			7.76 (2.68– 8.76)	2,580 (580–3,240)	12.0 (2.7–15.0)
	50+60	3.64	4.36			8.00 (2.82– 8.79)	2,710 (610–3,250)	12.6 (2.8–15.1)
	50+71	3.31	4.69			8.00 (2.97– 8.99)	2,710 (650–3,390)	12.6 (3.0–15.7)
	60+60	4.00	4.00			8.00 (2.96– 9.00)	2,650 (610–3,390)	12.3 (2.8–15.7)
	60+71	3.66	4.34			8.00 (3.11– 9.02)	2,590 (650–3,390)	12.0 (3.0–15.7)
	71+71	4.00	4.00			8.00 (3.26– 9.04)	2,530 (680–3,400)	11.7 (3.2–15.8)
	25+25+25	2.40	2.40	2.40		7.20 (2.34– 7.61)	2,480 (510–2,720)	11.5 (2.4–12.6)
	25+25+35	2.18	2.18	3.06		7.42 (2.48– 8.05)	2,600 (540–3,030)	12.1 (2.5–14.1)
	25+25+50	1.94	1.94	3.89		7.77 (2.68– 8.80)	2,520 (580–3,240)	11.7 (2.7–15.0)
	25+25+60	1.82	1.82	4.36		8.00 (2.82– 8.84)	2,650 (610–3,250)	12.3 (2.8–15.1)
	25+25+71	1.65	1.65	4.70		8.00 (2.97– 9.03)	2,590 (610–3,400)	12.0 (2.8–15.8)
	25+35+35	2.01	2.82	2.82		7.65 (2.61– 8.34)	2,780 (580–3,090)	12.9 (2.7–14.3)
	25+35+50	1.81	2.55	3.64		8.00 (2.82– 8.81)	2,710 (610–3,250)	12.6 (2.8–15.1)
	25+35+60	1.67	2.33	4.00		8.00 (2.96– 9.02)	2,650 (610–3,390)	12.3 (2.8–15.7)
	25+35+71	1.52	2.14	4.34		8.00 (3.11– 9.07)	2,590 (650–3,400)	12.0 (3.0–15.8)
	25+50+50	1.60	3.20	3.20		8.00 (3.03– 9.47)	2,380 (620–3,400)	11.0 (2.9–15.8)
	25+50+60	1.48	2.96	3.56		8.00 (3.16– 9.58)	2,320 (650–3,480)	10.8 (3.0–16.1)
	25+60+60	1.38	3.31	3.31		8.00 (3.30– 9.60)	2,260 (680–3,490)	10.5 (3.2–16.2)
	35+35+35	2.63	2.63	2.63		7.89 (2.75– 8.58)	2,900 (610–3,160)	13.5 (2.8–14.7)
	35+35+50	2.33	2.33	3.34		8.00 (2.96– 8.99)	2,710 (610–3,390)	12.6 (2.8–15.7)
	35+35+60	2.15	2.15	3.70		8.00 (3.09– 9.07)	2,650 (650–3,390)	12.3 (3.0–15.7)
	35+35+71	1.99	1.99	4.02		8.00 (3.25– 9.05)	2,590 (680–3,400)	12.0 (3.2–15.8)
	35+50+50	2.08	2.96	2.96		8.00 (3.16– 9.58)	2,380 (650–3,480)	11.0 (3.0–16.1)
	35+50+60	1.93	2.76	3.31		8.00 (3.30– 9.60)	2,320 (680–3,490)	10.8 (3.2–16.2)
	25+25+25+25	1.94	1.94	1.94	1.94	7.76 (2.68– 8.82)	2,530 (580–3,250)	11.7 (2.7–15.1)
	25+25+25+35	1.82	1.82	1.82	2.54	8.00 (2.82– 8.92)	2,650 (610–3,250)	12.3 (2.8–15.1)
	25+25+25+50	1.60	1.60	1.60	3.20	8.00 (3.03– 9.47)	2,380 (620–3,410)	11.0 (2.9–15.8)
	25+25+25+60	1.48	1.48	1.48	3.56	8.00 (3.16– 9.58)	2,320 (650–3,490)	10.8 (3.0–16.2)
	25+25+35+35	1.67	1.67	2.33	2.33	8.00 (2.96– 9.04)	2,650 (610–3,400)	12.3 (2.8–15.8)
	25+25+35+50	1.48	1.48	2.07	2.97	8.00 (3.16– 9.58)	2,380 (650–3,490)	11.0 (3.0–16.2)
	25+25+35+60	1.38	1.38	1.93	3.31	8.00 (3.30– 9.60)	2,320 (680–3,490)	10.8 (3.2–16.2)
	25+35+35+35	1.55	2.15	2.15	2.15	8.00 (3.09– 9.34)	2,650 (650–3,400)	12.3 (3.0–15.8)
	25+35+35+50	1.38	1.93	1.93	2.76	8.00 (3.30– 9.60)	2,380 (680–3,490)	11.0 (3.2–16.2)
	35+35+35+35	2.00	2.00	2.00	2.00	8.00 (3.23– 9.05)	2,650 (680–3,400)	12.3 (3.2–15.8)
4MXS80KVM Heating capacity	25	3.05				3.05 (1.36– 4.55)	930 (350–1,390)	4.3 (1.6– 6.4)
	35	4.27				4.27 (1.48– 4.94)	1,510 (360–1,790)	7.0 (1.7– 8.3)
	50	6.09				6.09 (1.90– 6.92)	1,830 (440–2,230)	8.5 (2.0–10.3)
	60	7.31				7.31 (2.19– 7.92)	2,320 (580–2,630)	10.8 (2.7–12.2)
	71	8.65				8.65 (2.50– 8.70)	2,940 (620–2,970)	13.6 (2.9–13.8)
	25+25	3.04	3.04			6.08 (1.90– 6.92)	1,790 (440–2,170)	8.3 (2.0–10.1)
	25+35	3.05	4.26			7.31 (2.19– 8.24)	2,260 (580–2,670)	10.5 (2.7–12.4)
	25+50	2.98	5.95			8.93 (2.61– 9.14)	2,550 (580–2,660)	11.8 (2.7–12.3)
	25+60	2.82	6.78			9.60 (2.88– 9.77)	2,810 (620–2,940)	13.0 (2.9–13.6)
	25+71	2.50	7.10			9.60 (3.17–10.02)	2,660 (670–2,880)	12.3 (3.1–13.4)
	35+35	4.26	4.26			8.52 (2.47– 8.87)	2,870 (630–3,110)	13.3 (2.9–14.4)
	35+50	3.95	5.65			9.60 (2.88– 9.74)	2,810 (630–2,870)	13.0 (2.9–13.3)
	35+60	3.54	6.06			9.60 (3.15–10.00)	2,640 (650–2,850)	12.2 (3.0–13.2)
	35+71	3.17	6.43			9.60 (3.45–10.03)	2,580 (720–2,780)	12.0 (3.3–12.9)
	50+50	4.80	4.80			9.60 (3.28–10.27)	2,440 (630–2,760)	11.3 (2.9–12.8)
	50+60	4.36	5.24			9.60 (3.55–10.31)	2,430 (670–2,740)	11.3 (3.1–12.7)
	50+71	3.97	5.63			9.60 (3.85–10.34)	2,420 (710–2,730)	11.2 (3.3–12.7)
	60+60	4.80	4.80			9.60 (3.82–10.35)	2,460 (710–2,780)	11.4 (3.3–12.9)
	60+71	4.40	5.20			9.60 (4.12–10.38)	2,450 (760–2,770)	11.4 (3.5–12.8)
	71+71	4.80	4.80			9.60 (4.42–10.41)	2,390 (830–2,700)	11.1 (3.8–12.5)
	25+25+25	2.97	2.97	2.97		8.91 (2.61– 9.55)	2,480 (580–2,740)	11.5 (2.7–12.7)
	25+25+35	2.82	2.82	3.96		9.60 (2.88– 9.78)	2,690 (620–2,790)	12.5 (2.9–12.9)
	25+25+50	2.40	2.40	4.80		9.60 (3.28–10.32)	2,420 (620–2,740)	11.2 (2.9–12.7)
	25+25+60	2.18	2.18	5.24		9.60 (3.55–10.35)	2,410 (660–2,720)	11.2 (3.1–12.6)
	25+25+71	1.98	1.98	5.64		9.60 (3.85–10.39)	2,400 (700–2,710)	11.1 (3.2–12.6)
	25+35+35	2.52	3.54	3.54		9.60 (3.15–10.01)	2,580 (640–2,790)	12.0 (3.0–12.9)

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			
4MXS80KVM Heating capacity	25+35+50	2.19	3.05	4.36		9.60 (3.55–10.32)	2,420 (670–2,740)	11.2 (3.1–12.7)
	25+35+60	2.00	2.80	4.80		9.60 (3.82–10.36)	2,410 (710–2,720)	11.2 (3.3–12.6)
	25+35+71	1.84	2.56	5.20		9.60 (4.12–10.39)	2,400 (750–2,710)	11.1 (3.5–12.6)
	25+50+50	1.92	3.84	3.84		9.60 (3.96–10.64)	2,260 (680–2,670)	10.5 (3.2–12.4)
	25+50+60	1.77	3.56	4.27		9.60 (4.23–10.67)	2,250 (730–2,660)	10.4 (3.4–12.3)
	25+60+60	1.66	3.97	3.97		9.60 (4.50–10.71)	2,230 (770–2,640)	10.3 (3.6–12.2)
	35+35+35	3.20	3.20	3.20		9.60 (3.42–10.02)	2,580 (690–2,790)	12.0 (3.2–12.9)
	35+35+50	2.80	2.80	4.00		9.60 (3.82–10.33)	2,420 (710–2,730)	11.2 (3.3–12.7)
	35+35+60	2.58	2.58	4.44		9.60 (4.09–10.37)	2,400 (760–2,720)	11.1 (3.5–12.6)
	35+35+71	2.38	2.38	4.84		9.60 (4.39–10.40)	2,390 (800–2,710)	11.1 (3.7–12.6)
	35+50+50	2.48	3.56	3.56		9.60 (4.23–10.64)	2,260 (730–2,670)	10.5 (3.4–12.4)
	35+50+60	2.32	3.31	3.97		9.60 (4.50–10.68)	2,250 (780–2,650)	10.4 (3.6–12.3)
	25+25+25+25	2.40	2.40	2.40	2.40	9.60 (3.28–10.36)	2,410 (610–2,720)	11.2 (2.8–12.6)
	25+25+25+35	2.18	2.18	2.18	3.06	9.60 (3.55–10.37)	2,410 (660–2,720)	11.2 (3.1–12.6)
	25+25+25+50	1.92	1.92	1.92	3.84	9.60 (3.96–10.68)	2,250 (680–2,650)	10.4 (3.2–12.3)
	25+25+25+60	1.78	1.78	1.78	4.26	9.60 (4.23–10.72)	2,230 (720–2,640)	10.3 (3.3–12.2)
	25+25+35+35	2.00	2.00	2.80	2.80	9.60 (3.82–10.38)	2,400 (710–2,720)	11.1 (3.3–12.6)
	25+25+35+50	1.78	1.78	2.49	3.55	9.60 (4.23–10.69)	2,240 (720–2,650)	10.4 (3.3–12.3)
	25+25+35+60	1.66	1.66	2.32	3.96	9.60 (4.50–10.73)	2,230 (770–2,640)	10.3 (3.6–12.2)
	25+35+35+35	1.86	2.58	2.58	2.58	9.60 (4.09–10.38)	2,400 (760–2,710)	11.1 (3.5–12.6)
	25+35+35+50	1.65	2.32	2.32	3.31	9.60 (4.50–10.70)	2,240 (770–2,650)	10.4 (3.6–12.3)
	35+35+35+35	2.40	2.40	2.40	2.40	9.60 (4.36–10.39)	2,400 (810–2,710)	11.1 (3.8–12.6)
4MXS100KVM Cooling capacity	25	2.50				2.50 (1.79– 3.60)	710 (400–1,290)	3.3 (1.9– 6.0)
	35	3.50				3.50 (1.84– 4.90)	1,060 (430–1,620)	4.9 (2.0– 7.5)
	50	5.00				5.00 (1.99– 5.82)	1,580 (410–1,940)	7.3 (1.9– 9.0)
	60	6.00				6.00 (2.08– 6.60)	1,810 (410–2,160)	8.4 (1.9–10.0)
	71	7.10				7.10 (2.19– 7.38)	2,420 (440–2,640)	11.2 (2.0–12.2)
	25+25	2.50	2.50			5.00 (1.99– 6.19)	1,290 (380–1,910)	6.0 (1.8– 8.9)
	25+35	2.50	3.50			6.00 (2.08– 6.60)	1,820 (410–2,110)	8.4 (1.9– 9.8)
	25+50	2.41	4.82			7.23 (2.25– 7.64)	2,390 (450–2,610)	11.1 (2.1–12.1)
	25+60	2.22	5.33			7.55 (2.38– 8.25)	2,410 (480–2,880)	11.2 (2.2–13.4)
	25+71	2.06	5.84			7.90 (2.52– 8.53)	2,590 (520–3,010)	12.0 (2.4–14.0)
	35+35	3.50	3.50			7.00 (2.18– 7.31)	2,360 (440–2,580)	10.9 (2.0–12.0)
	35+50	3.11	4.44			7.55 (2.38– 8.02)	2,550 (480–2,840)	11.8 (2.2–13.2)
	35+60	2.90	4.97			7.87 (2.51– 8.52)	2,580 (520–3,000)	12.0 (2.4–13.9)
	35+71	2.72	5.51			8.23 (2.65– 8.54)	2,820 (520–3,010)	13.1 (2.4–14.0)
	50+50	4.02	4.02			8.03 (2.58– 8.49)	2,700 (520–3,000)	12.5 (2.4–13.9)
	50+60	3.80	4.55			8.35 (2.71– 8.83)	2,730 (550–3,050)	12.7 (2.6–14.1)
	50+71	3.60	5.11			8.71 (2.85– 9.03)	2,980 (550–3,180)	13.8 (2.6–14.7)
	60+60	4.34	4.34			8.68 (2.84– 9.34)	2,770 (550–3,220)	12.8 (2.6–14.9)
	60+71	4.14	4.89			9.03 (2.98– 9.36)	2,960 (580–3,230)	13.7 (2.7–15.0)
	71+71	4.69	4.69			9.38 (3.13– 9.57)	3,100 (620–3,230)	14.4 (2.9–15.0)
	25+25+25	2.41	2.41	2.41		7.23 (2.25– 7.64)	2,190 (450–2,470)	10.2 (2.1–11.5)
	25+25+35	2.22	2.22	3.11		7.55 (2.38– 8.25)	2,410 (480–2,820)	11.2 (2.2–13.1)
	25+25+50	2.01	2.01	4.01		8.03 (2.58– 8.66)	2,550 (520–2,920)	11.8 (2.4–13.5)
	25+25+60	1.90	1.90	4.55		8.35 (2.71– 9.17)	2,580 (520–3,090)	12.0 (2.4–14.3)
	25+25+71	1.80	1.80	5.11		8.71 (2.85– 9.37)	2,710 (550–3,230)	12.6 (2.6–15.0)
	25+35+35	2.07	2.90	2.90		7.87 (2.51– 8.63)	2,590 (520–2,880)	12.0 (2.4–13.4)
	25+35+50	1.90	2.66	3.79		8.35 (2.71– 8.85)	2,730 (550–3,050)	12.7 (2.6–14.1)
	25+35+60	1.81	2.53	4.34		8.68 (2.84– 9.36)	2,770 (550–3,230)	12.8 (2.6–15.0)
	25+35+71	1.73	2.41	4.89		9.03 (2.98– 9.38)	2,960 (580–3,230)	13.7 (2.7–15.0)
	25+50+50	1.76	3.54	3.54		8.84 (2.90– 9.34)	2,890 (550–3,220)	13.4 (2.6–14.9)
	25+50+60	1.70	3.39	4.07		9.16 (3.04– 9.67)	2,860 (590–3,270)	13.3 (2.7–15.2)
	25+50+71	1.63	3.26	4.62		9.51 (3.18– 9.69)	3,000 (620–3,280)	13.9 (2.9–15.2)
	25+60+60	1.64	3.92	3.92		9.48 (3.17–10.01)	2,830 (590–3,320)	13.1 (2.7–15.4)
	25+60+71	1.57	3.77	4.46		9.80 (3.31–10.22)	3,180 (620–3,470)	14.7 (2.9–16.1)
	35+35+35	2.73	2.73	2.73		8.19 (2.64– 8.82)	2,760 (520–3,010)	12.8 (2.4–14.0)
	35+35+50	2.53	2.53	3.62		8.68 (2.84– 9.03)	2,990 (550–3,180)	13.9 (2.6–14.7)
	35+35+60	2.42	2.42	4.16		9.00 (2.97– 9.37)	2,960 (580–3,230)	13.7 (2.7–15.0)
	35+35+71	2.32	2.32	4.71		9.35 (3.12– 9.49)	3,160 (620–3,230)	14.7 (2.9–15.0)
	35+50+50	2.38	3.39	3.39		9.16 (3.04– 9.34)	3,090 (580–3,220)	14.3 (2.7–14.9)
	35+50+60	2.29	3.27	3.92		9.48 (3.17– 9.68)	3,070 (620–3,270)	14.2 (2.9–15.2)
	35+50+71	2.20	3.14	4.46		9.80 (3.31– 9.94)	3,280 (620–3,490)	15.2 (2.9–16.2)
	35+60+60	2.22	3.79	3.79		9.80 (3.30–10.26)	3,110 (620–3,540)	14.4 (2.9–16.4)
	50+50+50	3.21	3.21	3.21		9.64 (3.23– 9.89)	3,200 (620–3,480)	14.8 (2.9–16.1)
	25+25+25+25	2.01	2.01	2.01	2.01	8.04 (2.58– 9.03)	2,400 (520–3,030)	11.1 (2.4–14.1)
	25+25+25+35	1.90	1.90	1.90	2.65	8.35 (2.71– 9.19)	2,580 (520–3,090)	12.0 (2.4–14.3)
	25+25+25+50	1.77	1.77	1.77	3.53	8.84 (2.90– 9.68)	2,740 (560–3,270)	12.7 (2.6–15.2)
	25+25+25+60	1.70	1.70	1.70	4.06	9.16 (3.04–10.02)	2,770 (590–3,320)	12.8 (2.7–15.4)
	25+25+25+71	1.63	1.63	1.63	4.62	9.51 (3.18–10.36)	2,970 (590–3,330)	13.8 (2.7–15.4)
	25+25+35+35	1.81	1.81	2.53	2.53	8.68 (2.84– 9.38)	2,770 (550–3,230)	12.8 (2.6–15.0)
	25+25+35+50	1.70	1.70	2.37	3.39	9.16 (3.04– 9.69)	2,930 (590–3,280)	13.6 (2.7–15.2)
	25+25+35+60	1.63	1.63	2.29	3.93	9.48 (3.17–10.34)	2,970 (590–3,320)	13.8 (2.7–15.4)
	25+25+35+71	1.57	1.57	2.20	4.46	9.80 (3.31–10.50)	3,180 (620–3,470)	14.7 (2.9–16.1)

Heat pump

220 V, 60 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			
4MXS100KVM Cooling capacity	25+25+50+50	1.61	1.61	3.21	3.21	9.64 (3.23–10.45)	3,110 (620–3,840)	14.4 (2.9–17.8)
	25+35+35+35	1.74	2.42	2.42	2.42	9.00 (2.97– 9.41)	2,960 (580–3,230)	13.7 (2.7–15.0)
	25+35+35+50	1.63	2.29	2.29	3.27	9.48 (3.17– 9.70)	3,140 (620–3,280)	14.6 (2.9–15.2)
	25+35+35+60	1.58	2.21	2.21	3.80	9.80 (3.30–10.49)	3,180 (620–3,470)	14.7 (2.9–16.1)
	35+35+35+35	2.33	2.33	2.33	2.33	9.32 (3.10– 9.40)	3,230 (620–3,230)	15.0 (2.9–15.0)
	35+35+35+50	2.21	2.21	2.21	3.17	9.80 (3.30–10.49)	3,420 (620–3,860)	15.9 (2.9–17.9)
4MXS100KVM Heating capacity	25	3.05				3.05 (1.29– 4.47)	910 (350–1,410)	4.2 (1.6– 6.5)
	35	4.27				4.27 (1.39– 4.80)	1,430 (360–1,800)	6.6 (1.7– 8.3)
	50	6.09				6.09 (1.80– 6.89)	1,810 (440–2,160)	8.4 (2.0–10.0)
	60	7.31				7.31 (2.06– 8.38)	2,250 (540–2,770)	10.4 (2.5–12.8)
	71	8.65				8.65 (2.36– 8.87)	2,800 (580–2,910)	13.0 (2.7–13.5)
	25+25	3.05	3.05			6.09 (1.80– 7.33)	1,710 (440–2,240)	7.9 (2.0–10.4)
	25+35	3.05	4.26			7.31 (2.06– 8.72)	2,130 (550–2,810)	9.9 (2.6–13.0)
	25+50	2.98	5.95			8.93 (2.46– 9.54)	2,540 (590–2,800)	11.8 (2.7–13.0)
	25+60	2.83	6.78			9.61 (2.71– 9.90)	2,680 (580–2,860)	12.4 (2.7–13.3)
	25+71	2.68	7.62			10.30 (2.99–10.60)	2,850 (600–3,030)	13.2 (2.8–14.1)
	35+35	4.27	4.27			8.53 (2.33– 8.99)	2,780 (580–3,020)	12.9 (2.7–14.0)
	35+50	3.96	5.65			9.61 (2.71– 9.73)	2,740 (610–2,800)	12.7 (2.8–13.0)
	35+60	3.79	6.51			10.30 (2.97–10.58)	2,880 (610–3,000)	13.4 (2.8–13.9)
	35+71	3.40	6.90			10.30 (3.25–10.61)	2,760 (650–2,930)	12.8 (3.0–13.6)
	50+50	5.15	5.15			10.30 (3.10–10.51)	2,850 (640–2,960)	13.2 (3.0–13.7)
	50+60	4.68	5.62			10.30 (3.35–10.73)	2,720 (650–2,890)	12.6 (3.0–13.4)
	50+71	4.26	6.04			10.30 (3.63–10.76)	2,710 (700–2,930)	12.6 (3.2–13.6)
	60+60	5.15	5.15			10.30 (3.61–10.95)	2,640 (640–2,920)	12.2 (3.0–13.5)
	60+71	4.72	5.58			10.30 (3.89–10.98)	2,580 (690–2,910)	12.0 (3.2–13.5)
	71+71	5.15	5.15			10.30 (4.17–11.02)	2,510 (730–2,840)	11.6 (3.4–13.2)
	25+25+25	2.98	2.98	2.98		8.93 (2.46–10.11)	2,350 (540–2,880)	10.9 (2.5–13.4)
	25+25+35	2.83	2.83	3.95		9.61 (2.71– 9.91)	2,560 (580–2,720)	11.9 (2.7–12.6)
	25+25+50	2.58	2.58	5.14		10.30 (3.10–10.74)	2,710 (610–2,940)	12.6 (2.8–13.6)
	25+25+60	2.34	2.34	5.62		10.30 (3.35–10.96)	2,590 (600–2,860)	12.0 (2.8–13.3)
	25+25+71	2.13	2.13	6.04		10.30 (3.63–10.99)	2,520 (640–2,850)	11.7 (3.0–13.2)
	25+35+35	2.72	3.79	3.79		10.30 (2.97–10.59)	2,770 (600–2,930)	12.8 (2.8–13.6)
	25+35+50	2.34	3.28	4.68		10.30 (3.35–10.74)	2,710 (650–2,880)	12.6 (3.0–13.4)
	25+35+60	2.15	3.00	5.15		10.30 (3.61–10.96)	2,580 (640–2,860)	12.0 (3.0–13.3)
	25+35+71	1.97	2.75	5.58		10.30 (3.89–11.00)	2,520 (690–2,840)	11.7 (3.2–13.2)
	25+50+50	2.06	4.12	4.12		10.30 (3.73–10.90)	2,610 (680–2,880)	12.1 (3.2–13.4)
	25+50+60	1.91	3.81	4.58		10.30 (3.99–11.12)	2,480 (690–2,800)	11.5 (3.2–13.0)
	25+50+71	1.76	3.53	5.01		10.30 (4.27–11.15)	2,470 (730–2,790)	11.5 (3.4–12.9)
	25+60+60	1.78	4.26	4.26		10.30 (4.24–11.34)	2,350 (680–2,770)	10.9 (3.2–12.8)
	25+60+71	1.65	3.96	4.69		10.30 (4.53–11.37)	2,340 (740–2,760)	10.9 (3.4–12.8)
	35+35+35	3.43	3.43	3.43		10.30 (3.22–10.60)	2,760 (650–2,930)	12.8 (3.0–13.6)
	35+35+50	3.00	3.00	4.30		10.30 (3.61–10.75)	2,710 (700–2,930)	12.6 (3.2–13.6)
	35+35+60	2.77	2.77	4.76		10.30 (3.86–10.97)	2,580 (690–2,850)	12.0 (3.2–13.2)
	35+35+71	2.56	2.56	5.18		10.30 (4.14–11.01)	2,520 (730–2,840)	11.7 (3.4–13.2)
	35+50+50	2.68	3.81	3.81		10.30 (3.99–10.90)	2,600 (730–2,880)	12.1 (3.4–13.4)
	35+50+60	2.49	3.55	4.26		10.30 (4.24–11.12)	2,480 (740–2,800)	11.5 (3.4–13.0)
	35+50+71	2.31	3.30	4.69		10.30 (4.53–11.16)	2,470 (780–2,790)	11.5 (3.6–12.9)
	35+60+60	2.32	3.99	3.99		10.30 (4.50–11.35)	2,350 (750–2,770)	10.9 (3.5–12.8)
	50+50+50	3.43	3.43	3.43		10.30 (4.37–11.06)	2,500 (780–2,820)	11.6 (3.6–13.1)
	25+25+25+25	2.57	2.57	2.57	2.57	10.28 (3.10–10.96)	2,530 (550–2,860)	11.7 (2.6–13.3)
	25+25+25+35	2.34	2.34	2.34	3.28	10.30 (3.35–10.97)	2,580 (600–2,850)	12.0 (2.8–13.2)
	25+25+25+50	2.06	2.06	2.06	4.12	10.30 (3.73–11.12)	2,480 (640–2,800)	11.5 (3.0–13.0)
	25+25+25+60	1.91	1.91	1.91	4.57	10.30 (3.99–11.34)	2,350 (630–2,770)	10.9 (2.9–12.8)
	25+25+25+71	1.76	1.76	1.76	5.02	10.30 (4.27–11.38)	2,340 (690–2,760)	10.9 (3.2–12.8)
	25+25+35+35	2.15	2.15	3.00	3.00	10.30 (3.61–10.98)	2,530 (640–2,850)	11.7 (3.0–13.2)
	25+25+35+50	1.91	1.91	2.67	3.81	10.30 (3.99–11.13)	2,470 (690–2,800)	11.5 (3.2–13.0)
	25+25+35+60	1.78	1.78	2.49	4.25	10.30 (4.24–11.35)	2,350 (670–2,770)	10.9 (3.1–12.8)
	25+25+35+71	1.65	1.65	2.31	4.69	10.30 (4.53–11.38)	2,340 (740–2,760)	10.9 (3.4–12.8)
	25+25+50+50	1.72	1.72	3.43	3.43	10.30 (4.37–11.28)	2,370 (740–2,790)	11.0 (3.4–12.9)
	25+35+35+35	1.99	2.77	2.77	2.77	10.30 (3.86–10.99)	2,520 (690–2,850)	11.7 (3.2–13.2)
	25+35+35+50	1.78	2.49	2.49	3.54	10.30 (4.24–11.14)	2,470 (740–2,790)	11.5 (3.4–12.9)
	25+35+35+60	1.66	2.33	2.33	3.98	10.30 (4.50–11.36)	2,350 (750–2,770)	10.9 (3.5–12.8)
	35+35+35+35	2.57	2.57	2.57	2.57	10.28 (4.12–11.00)	2,520 (740–2,840)	11.7 (3.4–13.2)
	35+35+35+50	2.33	2.33	2.33	3.31	10.30 (4.50–11.15)	2,470 (790–2,790)	11.5 (3.7–12.9)

Notes: 1. Cooling operation data is based on the following conditions: indoor temp.26.7°CDB, 19.4°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 14.5kW to the 4MXS80KVM; up to 15.6kW to the 4MXS100KVM.
4. A single indoor unit cannot be connected.

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			
5MXS110LVM Cooling capacity	25	2.50					2.50 (1.98– 3.54)	640 (500–930)	3.0 (2.4– 4.4)
	35	3.50					3.50 (1.98– 3.70)	900 (500–990)	4.2 (2.4– 4.7)
	50	5.00					5.00 (2.34– 5.86)	1,260 (530–1,700)	5.9 (2.5– 8.0)
	60	6.00					6.00 (2.37– 6.99)	1,760 (530–2,520)	8.2 (2.5–11.9)
	71	7.10					7.10 (2.39– 7.42)	2,580 (530–2,910)	12.1 (2.5–13.7)
	25+25	2.50	2.50				5.00 (2.69– 6.29)	1,240 (550–1,640)	5.8 (2.6– 7.7)
	25+35	2.50	3.50				6.00 (2.69– 7.39)	1,720 (550–2,420)	8.1 (2.6–11.4)
	25+50	2.43	4.86				7.29 (2.91– 9.57)	2,040 (550–3,440)	9.6 (2.6–16.2)
	25+60	2.29	5.50				7.79 (2.94– 9.73)	2,270 (550–3,440)	10.6 (2.6–16.2)
	25+71	2.17	6.16				8.33 (2.96–10.20)	2,580 (550–3,960)	12.1 (2.6–18.6)
	35+35	3.50	3.50				7.00 (2.70– 7.74)	2,470 (550–2,800)	11.6 (2.6–13.2)
	35+50	3.21	4.58				7.79 (2.91– 9.59)	2,330 (550–3,440)	10.9 (2.6–16.2)
	35+60	3.05	5.23				8.28 (2.94–10.09)	2,640 (550–3,960)	12.4 (2.6–18.6)
	35+71	2.91	5.91				8.82 (2.96–10.22)	3,040 (550–3,960)	14.2 (2.6–18.6)
	50+50	4.27	4.27				8.53 (3.08–11.20)	2,330 (550–4,010)	10.9 (2.6–18.8)
	50+60	4.10	4.92				9.02 (3.10–11.34)	2,570 (550–4,010)	12.0 (2.6–18.8)
	50+71	3.95	5.61				9.56 (3.12–11.44)	2,960 (550–4,010)	13.9 (2.6–18.8)
	60+60	4.76	4.76				9.51 (3.12–11.47)	2,890 (550–4,010)	13.5 (2.6–18.8)
	60+71	4.61	5.45				10.06 (3.13–11.57)	3,230 (550–4,010)	15.1 (2.6–18.8)
	71+71	5.30	5.30				10.60 (3.26–11.66)	3,550 (550–4,000)	16.6 (2.6–18.8)
	25+25+25	2.43	2.43	2.43			7.29 (2.94– 9.74)	1,990 (550–3,440)	9.3 (2.6–16.2)
	25+25+35	2.29	2.29	3.21			7.79 (2.94– 9.76)	2,270 (550–3,440)	10.6 (2.6–16.2)
	25+25+50	2.13	2.13	4.27			8.53 (3.10–11.35)	2,270 (550–4,010)	10.6 (2.6–18.8)
	25+25+60	2.05	2.05	4.92			9.02 (3.12–11.48)	2,510 (550–4,010)	11.8 (2.6–18.8)
	25+25+71	1.98	1.98	5.60			9.56 (3.14–11.58)	2,890 (550–4,010)	13.5 (2.6–18.8)
	25+35+35	2.18	3.05	3.05			8.28 (2.94–10.12)	2,580 (550–3,960)	12.1 (2.6–18.6)
	25+35+50	2.05	2.87	4.10			9.02 (3.11–11.36)	2,570 (550–4,010)	12.0 (2.6–18.8)
	25+35+60	1.98	2.77	4.76			9.51 (3.12–11.50)	2,890 (550–4,010)	13.5 (2.6–18.8)
	25+35+71	1.92	2.69	5.45			10.06 (3.14–11.59)	3,230 (550–4,000)	15.1 (2.6–18.8)
	25+50+50	1.96	3.90	3.90			9.76 (3.22–12.19)	2,690 (550–3,990)	12.6 (2.6–18.7)
	25+50+60	1.90	3.80	4.55			10.25 (3.23–12.28)	3,010 (550–3,980)	14.1 (2.6–18.7)
	25+50+71	1.85	3.70	5.25			10.80 (3.24–12.34)	3,360 (550–3,980)	15.7 (2.6–18.7)
	25+60+60	1.85	4.45	4.45			10.75 (3.31–12.36)	3,290 (550–3,980)	15.4 (2.6–18.7)
	25+60+71	1.76	4.23	5.01			11.00 (3.32–12.41)	3,460 (550–3,980)	16.2 (2.6–18.7)
	35+35+35	2.92	2.92	2.92			8.77 (2.95–10.14)	3,040 (550–3,960)	14.2 (2.6–18.6)
	35+35+50	2.77	2.77	3.97			9.51 (3.11–11.38)	2,890 (550–4,010)	13.5 (2.6–18.8)
	35+35+60	2.70	2.70	4.61			10.01 (3.13–11.51)	3,230 (550–4,010)	15.1 (2.6–18.8)
	35+35+71	2.62	2.62	5.31			10.55 (3.27–11.60)	3,550 (550–4,000)	16.6 (2.6–18.8)
	35+50+50	2.65	3.80	3.80			10.25 (3.22–12.20)	3,010 (550–3,990)	14.1 (2.6–18.7)
	35+50+60	2.59	3.71	4.45			10.75 (3.37–12.29)	3,360 (550–3,980)	15.7 (2.6–18.7)
	35+50+71	2.47	3.53	5.00			11.00 (3.38–12.34)	3,460 (550–3,980)	16.2 (2.6–18.7)
	35+60+60	2.48	4.26	4.26			11.00 (3.38–12.36)	3,460 (550–3,980)	16.2 (2.6–18.7)
	50+50+50	3.66	3.66	3.66			10.99 (3.43–12.66)	3,270 (550–3,960)	15.3 (2.6–18.6)
	25+25+25+25	2.13	2.13	2.13	2.13		8.53 (3.12–11.49)	2,260 (550–4,010)	10.6 (2.6–18.8)
	25+25+25+35	2.05	2.05	2.05	2.87		9.02 (3.12–11.50)	2,510 (550–4,010)	11.8 (2.6–18.8)
	25+25+25+50	1.95	1.95	1.95	3.91		9.76 (3.23–12.28)	2,680 (550–3,980)	12.6 (2.6–18.7)
	25+25+25+60	1.90	1.90	1.90	4.55		10.25 (3.24–12.36)	2,940 (550–3,980)	13.8 (2.6–18.7)
	25+25+25+71	1.85	1.85	1.85	5.25		10.80 (3.25–12.41)	3,280 (550–3,980)	15.4 (2.6–18.7)
	25+25+35+35	1.98	1.98	2.77	2.77		9.51 (3.13–11.52)	2,830 (550–4,010)	13.3 (2.6–18.8)
	25+25+35+50	1.90	1.90	2.66	3.79		10.25 (3.23–12.29)	2,940 (550–3,980)	13.8 (2.6–18.7)
	25+25+35+60	1.85	1.85	2.59	4.46		10.75 (3.24–12.37)	3,280 (550–3,980)	15.4 (2.6–18.7)
	25+25+35+71	1.76	1.76	2.47	5.01		11.00 (3.25–12.42)	3,460 (550–3,980)	16.2 (2.6–18.7)
	25+25+50+50	1.83	1.83	3.66	3.66		10.99 (3.29–12.69)	3,270 (550–3,960)	15.3 (2.6–18.6)
	25+35+35+35	1.91	2.70	2.70	2.70		10.01 (3.13–11.53)	3,230 (550–4,010)	15.1 (2.6–18.8)
	25+35+35+50	1.85	2.59	2.59	3.72		10.75 (3.24–12.30)	3,360 (550–3,980)	15.7 (2.6–18.7)
	25+35+35+60	1.77	2.48	2.48	4.27		11.00 (3.25–12.37)	3,460 (550–3,980)	16.2 (2.6–18.7)
	35+35+35+35	2.63	2.63	2.63	2.63		10.50 (3.13–11.54)	3,550 (550–4,010)	16.6 (2.6–18.8)
	35+35+35+50	2.48	2.48	2.48	3.56		11.00 (3.24–12.31)	3,460 (550–3,980)	16.2 (2.6–18.7)
	25+25+25+25+25	1.95	1.95	1.95	1.95	1.95	9.76 (3.24–12.36)	2,620 (550–3,980)	12.3 (2.6–18.7)
	25+25+25+25+35	1.90	1.90	1.90	1.90	2.65	10.25 (3.25–12.37)	2,940 (550–3,980)	13.8 (2.6–18.7)
	25+25+25+25+50	1.83	1.83	1.83	1.83	3.68	11.00 (3.30–12.80)	3,270 (550–4,030)	15.3 (2.6–18.9)
	25+25+25+35+35	1.85	1.85	1.85	2.60	2.60	10.75 (3.25–12.38)	3,280 (550–3,980)	15.4 (2.6–18.7)
	25+25+35+35+35	1.78	1.78	2.48	2.48	2.48	11.00 (3.25–12.39)	3,460 (550–3,980)	16.2 (2.6–18.7)

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			
5MXS110LVM Heating capacity	25	3.16					3.16 (2.44– 4.83)	700 (530–1,150)	3.3 (2.5– 5.4)
	35	4.43					4.43 (2.44– 5.12)	1,060 (540–1,250)	5.0 (2.6– 5.9)
	50	6.33					6.33 (2.46– 7.20)	1,560 (530–1,910)	7.3 (2.5– 9.0)
	60	7.60					7.60 (2.46– 8.61)	2,080 (530–2,560)	9.7 (2.5–12.0)
	71	8.99					8.99 (2.47–10.16)	2,670 (530–3,300)	12.5 (2.5–15.5)
	25+25	3.17	3.17				6.33 (2.46– 9.88)	1,650 (530–3,180)	7.7 (2.5–15.0)
	25+35	3.17	4.43				7.60 (2.46–10.15)	2,200 (530–3,340)	10.3 (2.5–15.7)
	25+50	3.07	6.13				9.20 (2.47–11.43)	2,760 (520–3,840)	12.9 (2.5–18.0)
	25+60	2.86	6.85				9.71 (2.47–11.59)	2,940 (520–3,930)	13.8 (2.5–18.5)
	25+71	2.68	7.60				10.28 (2.47–11.91)	3,090 (520–4,010)	14.5 (2.5–18.8)
	35+35	4.44	4.44				8.87 (2.46–10.29)	2,920 (530–3,420)	13.7 (2.5–16.1)
	35+50	4.00	5.71				9.71 (2.47–11.58)	2,970 (520–3,970)	13.9 (2.5–18.7)
	35+60	3.77	6.46				10.23 (2.47–11.93)	3,220 (520–4.270)	15.1 (2.5–20.1)
	35+71	3.56	7.23				10.79 (2.47–11.97)	3,380 (520–4,070)	15.8 (2.5–19.1)
	50+50	5.24	5.24				10.48 (2.47–12.26)	3,050 (510–4,080)	14.3 (2.4–19.2)
	50+60	5.00	6.00				11.00 (2.47–12.27)	3,280 (510–4,020)	15.4 (2.4–18.9)
	50+71	4.66	6.61				11.27 (2.47–12.30)	3,210 (510–3,840)	15.0 (2.4–18.0)
	60+60	5.63	5.63				11.25 (2.47–12.28)	3,310 (510–3,960)	15.5 (2.4–18.6)
	60+71	5.28	6.24				11.52 (2.47–12.31)	3,300 (500–3,780)	15.5 (2.4–17.8)
	71+71	5.90	5.90				11.80 (2.46–12.32)	3,300 (500–3,620)	15.5 (2.4–17.0)
	25+25+25	3.07	3.07	3.07			9.20 (2.78–11.73)	2,710 (570–4,050)	12.7 (2.7–19.0)
	25+25+35	2.86	2.86	3.99			9.71 (2.78–11.87)	2,920 (570–4,180)	13.7 (2.7–19.6)
	25+25+50	2.62	2.62	5.24			10.48 (2.78–12.59)	3,000 (550–4,370)	14.1 (2.6–20.5)
	25+25+60	2.50	2.50	6.00			11.00 (2.78–12.69)	3,160 (550–4,430)	14.8 (2.6–20.8)
	25+25+71	2.33	2.33	6.61			11.27 (2.78–12.72)	3,160 (540–4,230)	14.8 (2.6–19.9)
	25+35+35	2.69	3.77	3.77			10.23 (2.78–12.17)	3,200 (570–4,530)	15.0 (2.7–21.3)
	25+35+50	2.50	3.50	5.00			11.00 (2.78–12.68)	3,190 (550–4,480)	14.9 (2.6–21.0)
	25+35+60	2.34	3.28	5.63			11.25 (2.78–12.69)	3,290 (550–4,420)	15.4 (2.6–20.8)
	25+35+71	2.20	3.08	6.24			11.52 (2.78–12.72)	3,280 (540–4,210)	15.4 (2.6–19.8)
	25+50+50	2.27	4.55	4.55			11.37 (2.77–12.74)	3,050 (540–3,970)	14.3 (2.6–18.7)
	25+50+60	2.15	4.30	5.16			11.62 (2.77–12.74)	3,140 (530–3,920)	14.7 (2.5–18.4)
	25+50+71	2.04	4.08	5.79			11.90 (2.76–12.74)	3,140 (530–3,760)	14.7 (2.5–17.7)
	25+60+60	2.05	4.91	4.91			11.87 (2.76–12.74)	3,220 (530–3,870)	15.1 (2.5–18.2)
	25+60+71	1.92	4.62	5.46			12.00 (2.76–12.75)	3,170 (530–3,720)	14.9 (2.5–17.5)
	35+35+35	3.58	3.58	3.58			10.74 (2.78–12.43)	3,500 (570–4,880)	16.4 (2.7–22.9)
	35+35+50	3.28	3.28	4.69			11.25 (2.78–12.68)	3,320 (550–4,470)	15,6 (2.6–21.0)
	35+35+60	3.10	3.10	5.31			11.50 (2.78–12.69)	3,420 (550–4,400)	16.0 (2.6–20.7)
	35+35+71	2.92	2.92	5.93			11.77 (2.77–12.72)	3,410 (540–4,200)	16.0 (2.6–19.7)
	35+50+50	3.01	4.30	4.30			11.62 (2.77–12.74)	3,170 (540–3,960)	14.9 (2.6–18.6)
	35+50+60	2.87	4.09	4.91			11.87 (2.77–12.74)	3,250 (530–3,910)	15.2 (2.5–18.4)
	35+50+71	2.69	3.85	5.46			12.00 (2.76–12.75)	3,190 (530–3,750)	14.9 (2.5–17.6)
	35+60+60	2.71	4.65	4.65			12.00 (2.76–12.74)	3,280 (530–3,860)	15.4 (2.5–18.1)
	50+50+50	4.00	4.00	4.00			12.00 (2.75–12.72)	3,050 (520–3,580)	14.3 (2.5–16.8)
	25+25+25+25	2.62	2.62	2.62	2.62		10.48 (3.09–12.94)	2,950 (590–4,790)	13.8 (2.8–22.5)
	25+25+25+35	2.50	2.50	2.50	3.50		11.00 (3.09–12.94)	3,140 (590–4,770)	14.7 (2.8–22.4)
	25+25+25+50	2.27	2.27	2.27	4.55		11.37 (3.07–12.94)	3,010 (570–4,220)	14.1 (2.7–19.8)
	25+25+25+60	2.15	2.15	2.15	5.16		11.62 (3.07–12.94)	3,090 (570–4,160)	14.5 (2.7–19.5)
	25+25+25+71	2.04	2.04	2.04	5.79		11.90 (3.06–12.94)	3,100 (570–4,000)	14.5 (2.7–18.8)
	25+25+35+35	2.34	2.34	3.28	3.28		11.25 (3.09–12.94)	3,270 (590–4,750)	15.3 (2.8–22.3)
	25+25+35+50	2.15	2.15	3.01	4.30		11.62 (3.07–12.94)	3,120 (570–4,210)	14.6 (2.7–19.8)
	25+25+35+60	2.05	2.05	2.87	4.91		11.87 (3.07–12.94)	3,210 (570–4,150)	15.0 (2.7–19.5)
	25+25+35+71	1.92	1.92	2.69	5.46		12.00 (3.06–12.94)	3,150 (570–3,980)	14.8 (2.7–18.7)
	25+25+50+50	2.00	2.00	4.00	4.00		12.00 (3.05–12.94)	3,020 (560–3,800)	14.2 (2.7–17.9)
	25+35+35+35	2.21	3.10	3.10	3.10		11.50 (3.09–12.94)	3,400 (590–4,740)	15.9 (2.8–22.3)
	25+35+35+50	2.05	2.87	2.87	4.09		11.87 (3.07–12.94)	3,240 (570–4,200)	15.2 (2.7–19.7)
	25+35+35+60	1.94	2.71	2.71	4.65		12.00 (3.07–12.94)	3,260 (570–4,140)	15.3 (2.7–19.5)
	35+35+35+35	2.94	2.94	2.94	2.94		11.75 (3.09–12.94)	3,530 (590–4,720)	16.5 (2.8–22.2)
	35+35+35+50	2.71	2.71	2.71	3.87		12.00 (3.07–12.94)	3,290 (570–4,180)	15.4 (2.7–19.6)
	25+25+25+25+25	2.27	2.27	2.27	2.27	2.27	11.37 (3.53–13.10)	2,960 (640–4,460)	13.9 (3.0–20.9)
	25+25+25+25+35	2.15	2.15	2.15	2.15	3.01	11.62 (3.53–13.10)	3,070 (640–4,450)	14.4 (3.0–20.9)
	25+25+25+25+50	2.00	2.00	2.00	2.00	4.00	12.00 (3.50–13.10)	2,980 (610–4,020)	14.0 (2.9–18.9)
	25+25+25+35+35	2.05	2.05	2.05	2.87	2.87	11.87 (3.53–13.10)	3,190 (640–4,430)	14.9 (3.0–20.8)
	25+25+35+35+35	1.94	1.94	2.71	2.71	2.71	12.00 (3.53–13.10)	3,240 (640–4,420)	15.2 (3.0–20.8)

Notes: 1. Cooling operation data is based on the following conditions: indoor temp. 27°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 15.6 kW to the 5MXS110LVM.
4. The above is the value for connecting with the following indoor units: 2.5/3.5/5.0/6.0/7.1 kW class, wall-mounted K series.
5. A single indoor unit cannot be connected.