

PCRAU0644D



The Comfort and Luxury You Deserve



SUPER MULTI NX



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



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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.

Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING
DIVISION



JMI-0107

Scope of Registration:
THE DESIGN/DEVELOPMENT AND
MANUFACTURE OF COMMERCIAL AIR
CONDITIONING, HEATING, COOLING,
REFRIGERATING EQUIPMENT,
COMMERCIAL HEATING EQUIPMENT,
RESIDENTIAL AIR CONDITIONING
EQUIPMENT, HEAT RECLAIM VENTILATION,
AIR CLEANING EQUIPMENT, MARINE TYPE
CONTAINER REFRIGERATION UNITS,
COMPRESSORS AND VALVES.

Organization:
DAIKIN INDUSTRIES
(THAILAND) LTD.



JQA-1452

Scope of Registration:
THE DESIGN/DEVELOPMENT
AND MANUFACTURE OF AIR
CONDITIONERS AND THE
COMPONENTS INCLUDING
COMPRESSORS USED FOR
THEM



Quality
Standard
Company

Daikin Australia
Pty Limited (ISO 9001)
QEC 23256 31 May 2006



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Certified
Environmental
Management

Daikin Australia
Pty Limited (ISO 14001)
CEM20437 13 November 2006

Dealer

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Air condition your home with a single outdoor unit.

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

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

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

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Super Multi NX is the knowledgeable choice.

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

Key concepts for Super Multi NX

Enjoy the comfort and luxury of your dreams.

SUPER MULTI NX

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

Intelligent technologies

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

Ideal environment

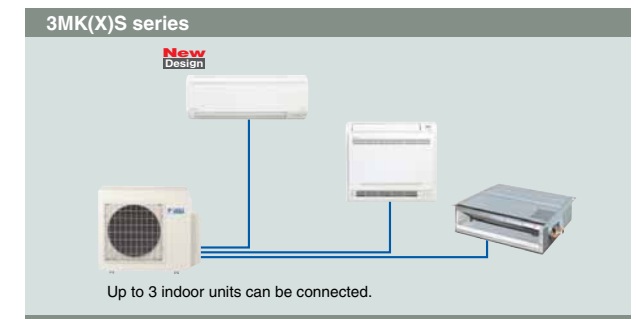
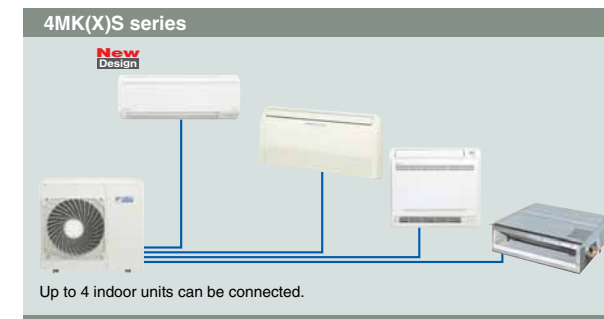
The quiet operation mode helps create a more pleasant living environment. DC inverter power control provides comfortable temperature control.

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.



Main features

Intelligent technologies

High energy efficiency through advanced technologies delivers high COP.



High energy savings

4MXS80EVMA

	Cooling operation	Heating operation
COP	3.79	4.59

* During rated capacity operation of 4 indoor units (2.0 + 2.5 + 5.0 + 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.

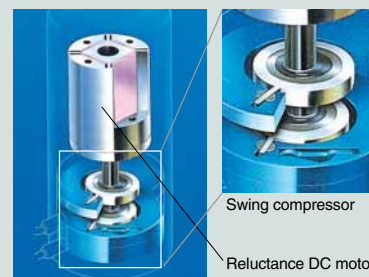
$$\text{COP} = \frac{\text{Capacity (W)}}{\text{Power consumption (W)}}$$



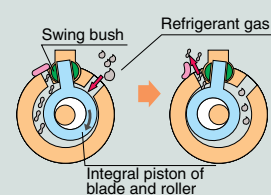
Daikin energy-saving technologies



1 Swing compressor



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



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

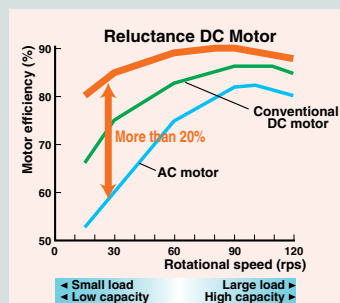


This marked the development of a high-performance swing compressor that was compatible with alternative fluorocarbons. The prize was presented in 1997.

2 Reluctance DC motor



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



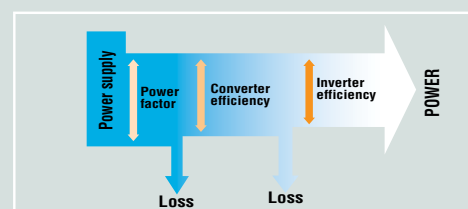
This was the first scroll compressor to be equipped with the Reluctance DC motor in commercial-use air conditioners. The Institute of Electrical Engineers of Japan presented the award in 1998.

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

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



Main features

ideal environment

Convenient features to realise your ideal environment



Quiet operation

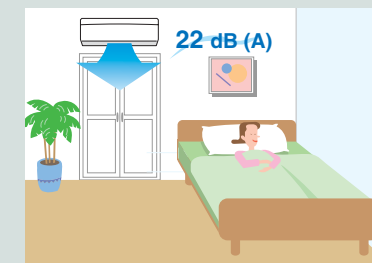
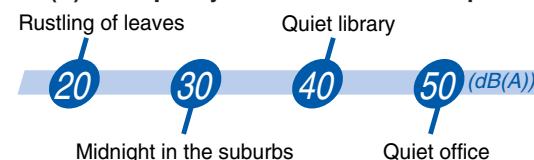
Indoor unit



A quiet indoor unit is important for your personal comfort. Super Multi NX offers the quiet sound level of 22 dB (A) during Indoor Unit Quiet Operation of the CTXS20/FTXS25 during cooling operation.

Note: Capacity may decrease when quiet functions are selected.

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



Outdoor unit



A quiet outdoor unit is essential for your comfort and peace in your neighbourhood. Super Multi NX achieves a quiet sound level of 43 dB (A) during Outdoor Unit Quiet Operation or Night Quiet Mode of the 3MXS52 during cooling operation. The minimum outdoor unit sound level is 39 dB (A).*

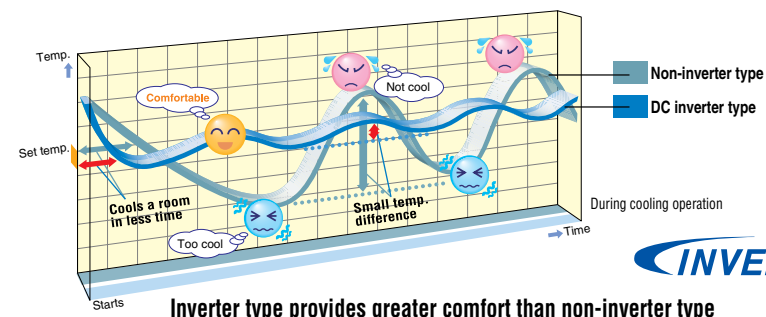
* Achievable when:

1. A single 2.0 or 2.5 kW class indoor unit is operating.
2. Indoor Unit Quiet Operation is selected for all indoor units in operation.
3. Outdoor Unit Quiet Operation is selected.

Note: Capacity may decrease when quiet functions are selected.

Comfortable temperature control

DC inverter power control uses its full capacity at start-up to cool/warm quickly. As soon as the set temperature is reached, it carefully adjusts current frequency to prevent temperature fluctuation and energy loss.



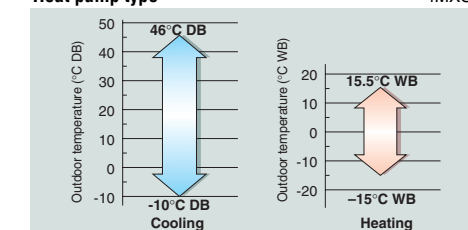
Inverter type provides greater comfort than non-inverter type

Wide operation range

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

Note: This information is available for heat pump type.

Heat pump type 4MXS80



Main features

Interior & exterior flexibility

Wide array of choices to match your interior



Stylish indoor units for elegant interiors



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



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



Only 240 mm is required above the ceiling for installation.

Compact outdoor units for a less obtrusive exterior look

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



Needs just one outdoor unit

Long piping lengths for installation flexibility

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

Model name		3MKS58	3MKS75	4MKS90
Max. piping length	Total	50 m	60 m	70 m
	For one room	25 m		



Main features

Individual control

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



Preferential air conditioning Initial setting required during installation



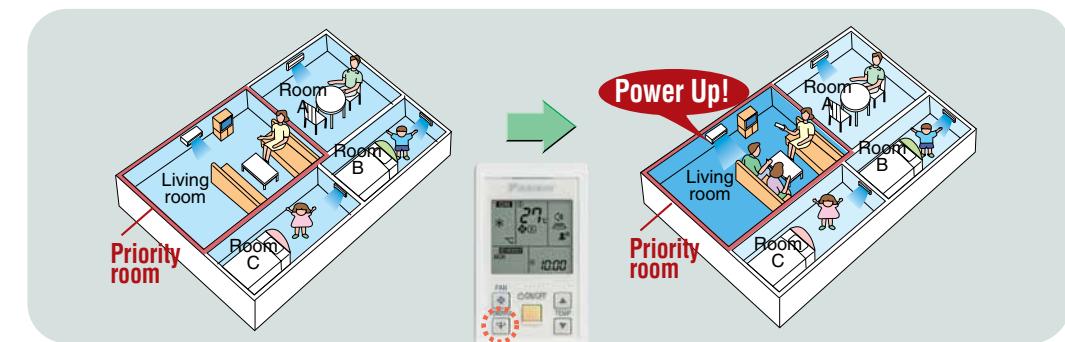
Priority-Room Setting delivers priority capacity to a prioritised room when using multi-split air conditioners. After a priority room is selected, it receives preferential air-conditioning plus priority control over the 3 functions below.

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

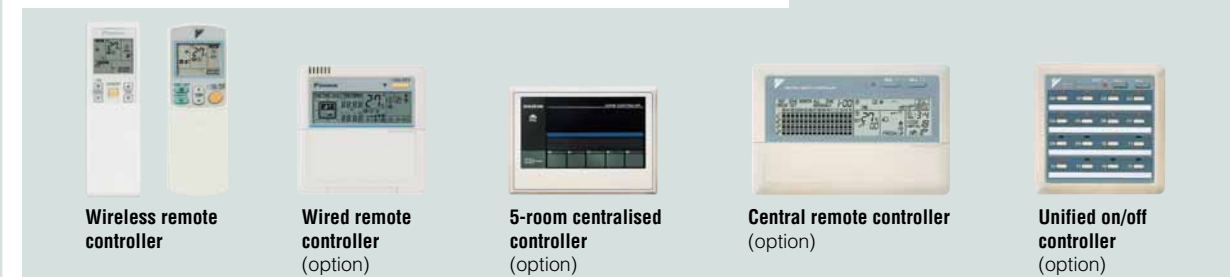


Priority-Room Setting also allows Outdoor Unit Quiet Operation to be selected by one command* from the priority room.

* 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.


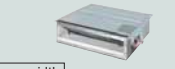





A wide range of models to choose from that deliver comfort and convenience

Outdoor unit

Model	Model name	Capacity class	Max. piping length	Max. height difference
 <p>Connectable to up to 3 indoor units</p>	Cooling only	3MKS58EVMA	5.8 kW	50 m
		3MKS75EVMA	7.5 kW	60 m
	Heat pump	3MXS52EVMA	5.2 kW	50 m
		3MXS68EVMA	6.8 kW	60 m
 <p>Connectable to up to 4 indoor units</p>	Cooling only	4MKS90EVMA	9.0 kW	70 m
	Heat pump	4MXS80EVMA	8.0 kW	70 m

Indoor unit

Model	Capacity class	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	7.1 kW
 <p>Wall-mounted type <small>New Design</small></p>	Cooling only	CTKS20KVMA	FTKS25KVMA	FTKS35KVMA			
	Heat pump	CTXS20KVMA	FTXS25KVMA	FTXS35KVMA			
	Cooling only				FTKS50KVMA	FTKS60KVMA	FTKS71KVMA
	Heat pump				FTXS50KVMA	FTXS60KVMA	FTXS71KVMA
 <p>Duct-connected type <small>700 mm width</small></p>	Cooling only	CDKS25EAVMA	CDKS35EAVMA				
	Heat pump	CDXS25EAVMA	CDXS35EAVMA				
	Cooling only	CDKS25CVMA	CDKS35CVMA	CDKS50CVMA	CDKS60CVMA		
	Heat pump	FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA		
 <p>Floor-standing type <small>900/1,100 mm width</small></p>	Heat pump	FVXS25GV1A	FVXS35GV1A	FVXS50GV1A			
	Heat pump	FLXS25BVMA	FLXS35GVMA	FLXS50GVMA	FLXS60GVMA		
 <p>Floor/ceiling-suspended dual type</p>	Heat pump	FLXS25BVMA	FLXS35GVMA	FLXS50GVMA	FLXS60GVMA		
	Heat pump	FLXS25BVMA	FLXS35GVMA	FLXS50GVMA	FLXS60GVMA		
 <p>Compact multi flow ceiling-mounted cassette type <small>Option</small></p>	Cooling only	FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B		
	Heat pump	FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B		

Possible combinations for indoor and outdoor units

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

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.



Floor-standing type

Unobtrusive and convenient with a floor-standing compact design.



Duct-connected type

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



Floor/ceiling-suspended dual type

Choose either ceiling-suspended or floor-level installation for this attractive model with a beautiful, rounded design.



Compact multi flow ceiling-mounted cassette type

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

Wall-Mounted Type

New Design

Option

	2.0 kW class	2.5 kW class	3.5 kW class
Cooling only	CTKS20KVMA	FTKS25KVMA	FTKS35KVMA
Heat pump	CTXS20KVMA	FTXS25KVMA	FTXS35KVMA

* Heat pump only

Option

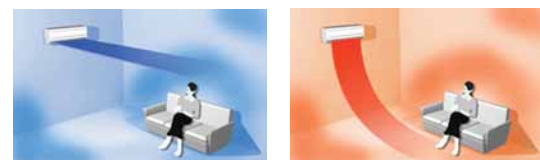
	5.0 kW class	6.0 kW class	7.1 kW class
Cooling only	FTKS50KVMA	FTKS60KVMA	FTKS71KVMA
Heat pump	FTXS50KVMA	FTXS60KVMA	FTXS71KVMA

* Heat pump only



Evenly distributed air

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.

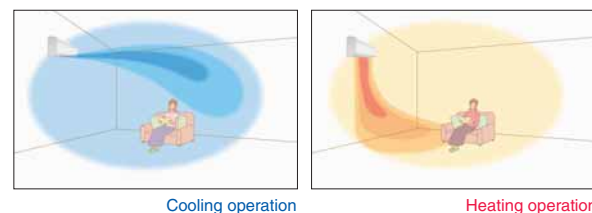
3-D airflow

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



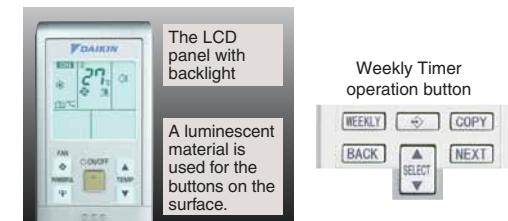
Comfort airflow mode

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.



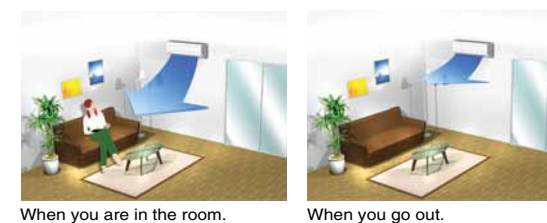
Weekly timer

The remote controller with a backlit liquid crystal display and luminescent control buttons also features a built-in Weekly Timer that can be programmed to suit your personal lifestyle, with up to four actions per day for each day of the week. This controller not only allows you to programme on and off times, but also the desired temperature during those times. Furthermore, the 'copy' function enables any daily programme to be replicated on any other day or days as required. Correct programming of the unit may also result in considerable energy savings.



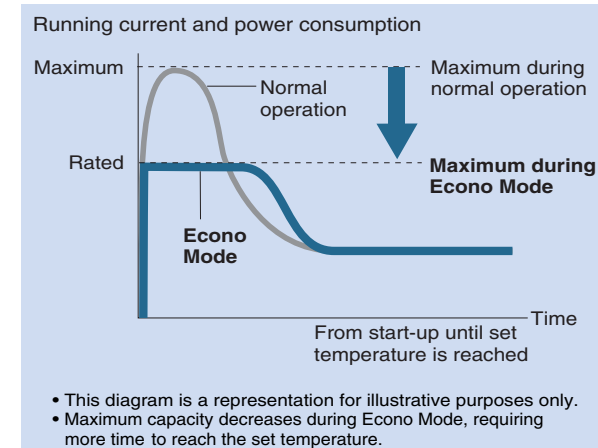
Intelligent eye

Intelligent Eye with its infrared sensor automatically controls air conditioner operation according to human movement in a room. When there is no movement, it adjusts the temperature by $\pm 2^{\circ}\text{C}$ for energy savings.



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.

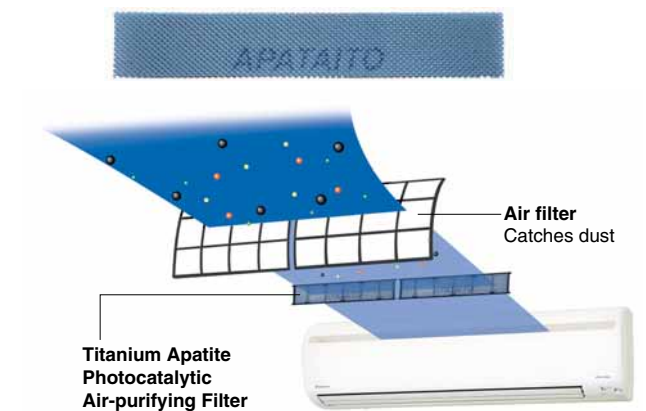


Clean air

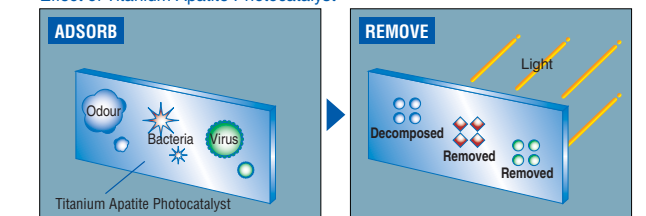
Uses a Titanium Apatite Photocatalytic Air-Purifying Filter. Titanium apatite is a photocatalytic material with high adsorption power. It effectively adsorbs and removes bacteria and viruses along with mould and odours.

These filters are not medical devices. Benefits such as the adsorption and decomposition of bacteria and viruses 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



Effect of Titanium Apatite Photocatalyst



Quiet operation

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

	CTXS20	FTXS25	FTXS35
(H/L/SL)			
During cooling operation	38/25/22 dB(A)		42/26/23 dB(A)

Easy cleaning

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



Floor-Standing Type



	2.5 kW class	3.5 kW class	5.0 kW class
Heat pump	FVXS25GV1A	FVXS35GV1A	FVXS50GV1A

Stylish and compact flat panel

The clever construction of the elegant flat panel unit allows the flexibility of fully exposed installation against a wall or semi-recessed installation in spaces such as in a mantelpiece.



Exposed portion of unit only 115 mm thick, allowing for installation almost anywhere.



Easier cleaning

The flat panel design makes cleaning the front face of the unit a breeze. Surface dust can be simply wiped away with a soft cloth. Furthermore, the unit can be installed off the floor to allow for cleaning of the floor space under the unit.



Wiping clean the flat panel is a breeze.



Easily clean beneath the unit.

Dual air discharge for enhanced comfort

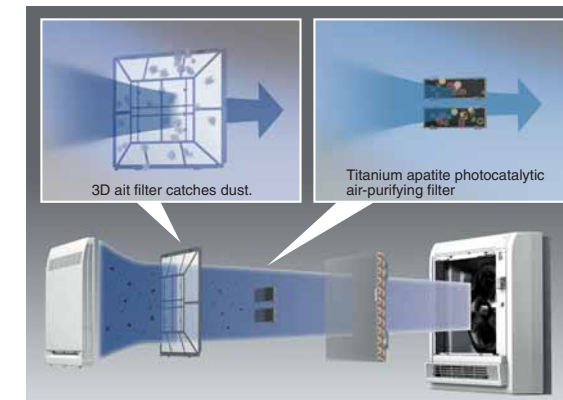
Daikin's inverter floor standing split systems are especially effective in heating. The unit features dual air outlets that diffuse warm, cosy air at low floor level—where you need it most in winter. This, combined with the vertical auto swing louvres on the top air outlet, provides uniform distribution of heated air in the room.

Once winter is over, the lower air outlet can be shut off, leaving the top air diffuser to stream cool refreshing air upwards, allowing you to enjoy a cool, comfortable summer.



Double airflow keeps feet warm during heating operation.

Clean air



Internal structure

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

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Bacteria Removal Test
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Versatile remote control

The remote controller with a backlit liquid crystal display and luminescent control buttons also features a built-in Weekly Timer that can be programmed to suit your personal lifestyle, with up to four actions per day for each day of the week. This controller not only allows you to programme on and off times, but also the desired temperature during those times. Furthermore, the 'copy' function enables any daily programme to be replicated on any other day or days as required. Correct programming of the unit may also result in considerable energy savings.

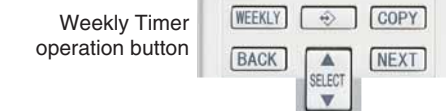
Stylish design



The LCD panel with backlight

A luminescent material is used for the buttons on the surface.

User friendliness and operation in dark rooms, such as bedrooms at night, has been improved.



Weekly Timer operation button



Duct-Connected Type



Option

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

<700 mm width type>

Cooling only CDKS25EAVMA CDKS35EAVMA

Heat pump CDXS25EAVMA CDXS35EAVMA

<900/1,100 mm width type>

Cooling only CDKS25CVMA CDKS35CVMA CDKS50CVMA CDKS60CVMA

Heat pump FDXS25CVMA FDXS35CVMA FDXS50CVMA FDXS60CVMA

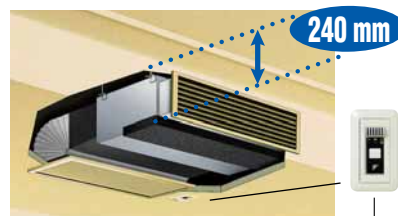
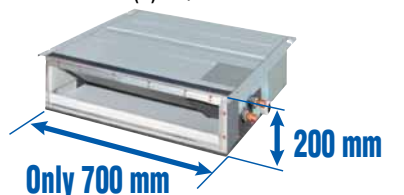


* Heat pump only

Slim and compact design

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

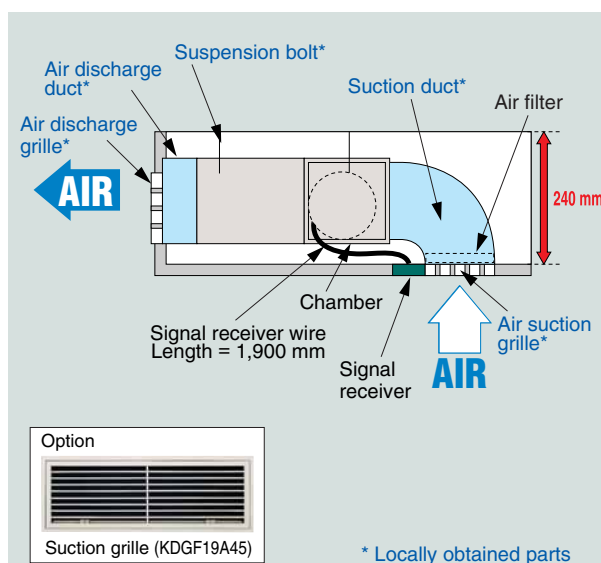


Signals from the wireless remote controller are transmitted to the signal receiver.

	CDK(X)S25EA	CDK(X)S35EA	C(F)DK(X)S25C	C(F)DK(X)S35C
Dimensions (H x W x D)	200 x 700 x 620 mm	200 x 700 x 620 mm	200 x 900 x 620 mm	200 x 900 x 620 mm
Weight	21 kg	21 kg	25 kg	25 kg
Airflow rate (H)	145 ℓ/s	145 ℓ/s	158 ℓ/s	167 ℓ/s
External static pressure	30 Pa	30 Pa	40 Pa	40 Pa

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

Notes:

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

Floor/Ceiling-Suspended Dual Type



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

Heat pump FLXS25BVMA FLXS35GVMA FLXS50GVMA FLXS60GVMA

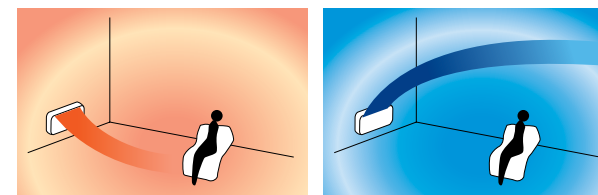


Two-way installation

The rounded design of these slim and lightweight units makes them the suitable choice for rooms without false ceilings. Ceiling-suspended installation frees up floor and wall space, and floor-level installation is possible without loss of warm air.

Comfortable airflow

Vertical Auto-Swing and Wide-Angle Louvers realise a comfortable airflow spreading throughout a large room, air-conditioning the whole room evenly.



Quiet operation

The FLXS25 achieves the quiet sound level of 28 dB (A). Indoor Unit Quiet Operation decreases the operation sound by 2 or 3 dB (A) from the low setting fan speed.

(H/L/SL)

FLXS25	FLXS35	FLXS50	FLXS60
37/31/28 dB(A)	38/32/29 dB(A)	47/39/36 dB(A)	48/41/39 dB(A)

During cooling operation



Ceiling-Suspended Installation



Floor-Level Installation

Compact Multi Flow Ceiling-Mounted Cassette Type

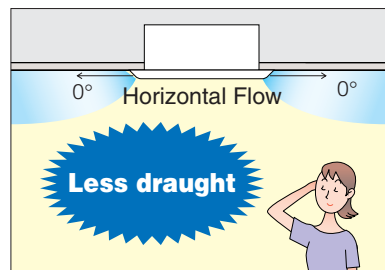


	2.5 kW class	3.5 kW class	5.0 kW class	6.0 kW class
Cooling only	FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B
Heat pump	FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B

Icons: Fan, Sun, Water, Leaf, CLEAN, 72 ON/OFF, SELF

* Heat pump only

Low draft performance is designed for your comfort



Comfortable across all areas

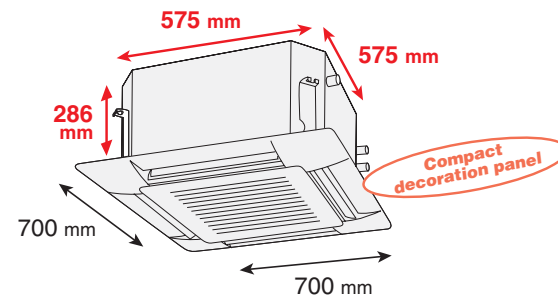
Conditioned air is distributed evenly by Auto-swing operation. Adjustable airflow angle to suit all room conditions.

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

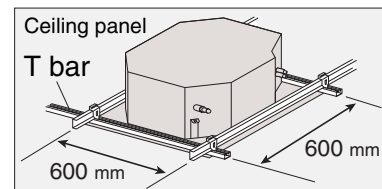
Note: Angles shown above are provided as a guide. They may differ depending on the installation site.



Designed to fit 600 mm wide ceiling grids



• T-bar grid does not need to be cut



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

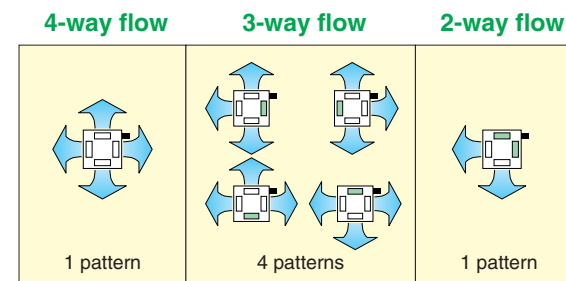
• Quiet sound level of only 24.5 dB (A)

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



	FFQ25	FFQ35	FFQ50	FFQ60
(H/L)	29.5/24.5 dB(A)	32/25 dB(A)	36/27 dB(A)	41/32 dB(A)

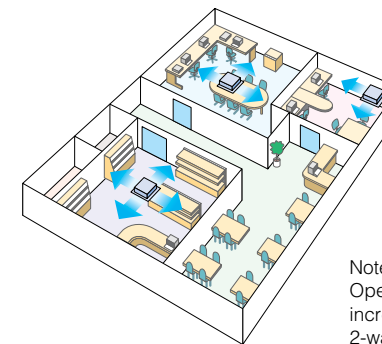
• Multi-Flow System



■ 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"

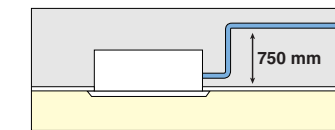
Programme Dry gives priority to reducing the level of humidity rather than room temperature. Dehumidification is computer controlled to prevent abrupt and uncomfortable changes in air temperature.

• 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



• Mould-resistant treatment for filter

The filter has sanitary, mould-resistant treatment.

• 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

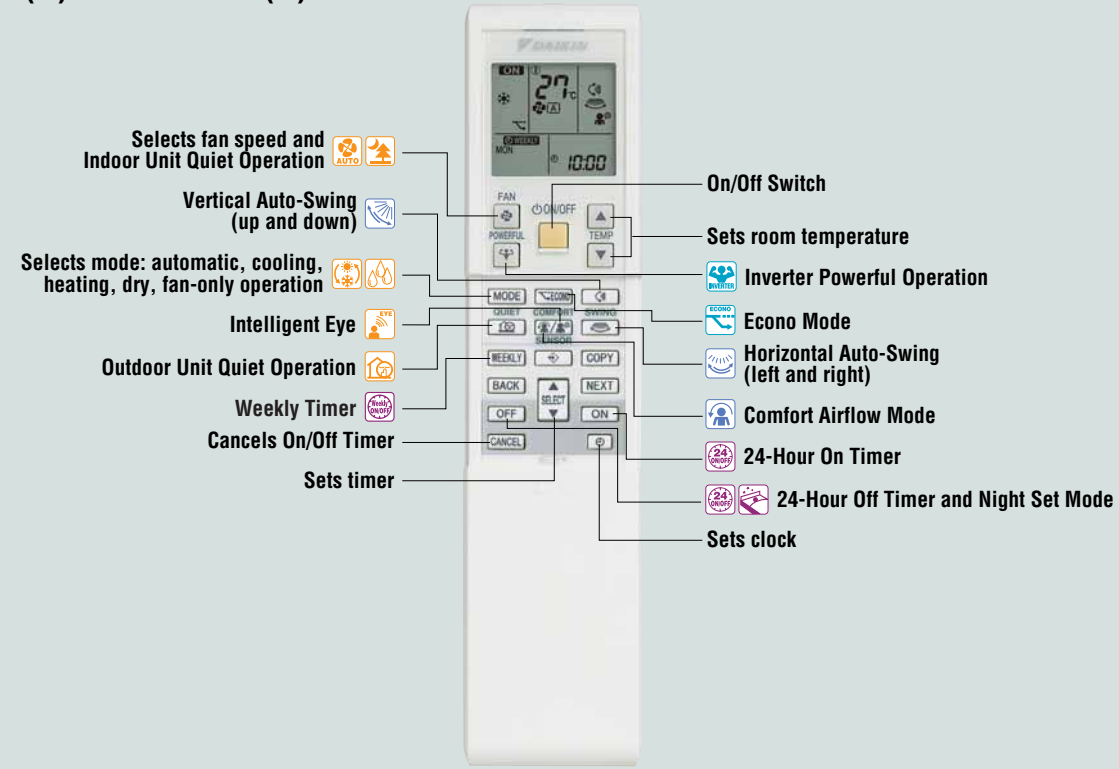
Daikin's innovative air discharge mechanism keeps airflow away from the ceiling. Ceiling cleaning is required less frequently.

• Filter sign

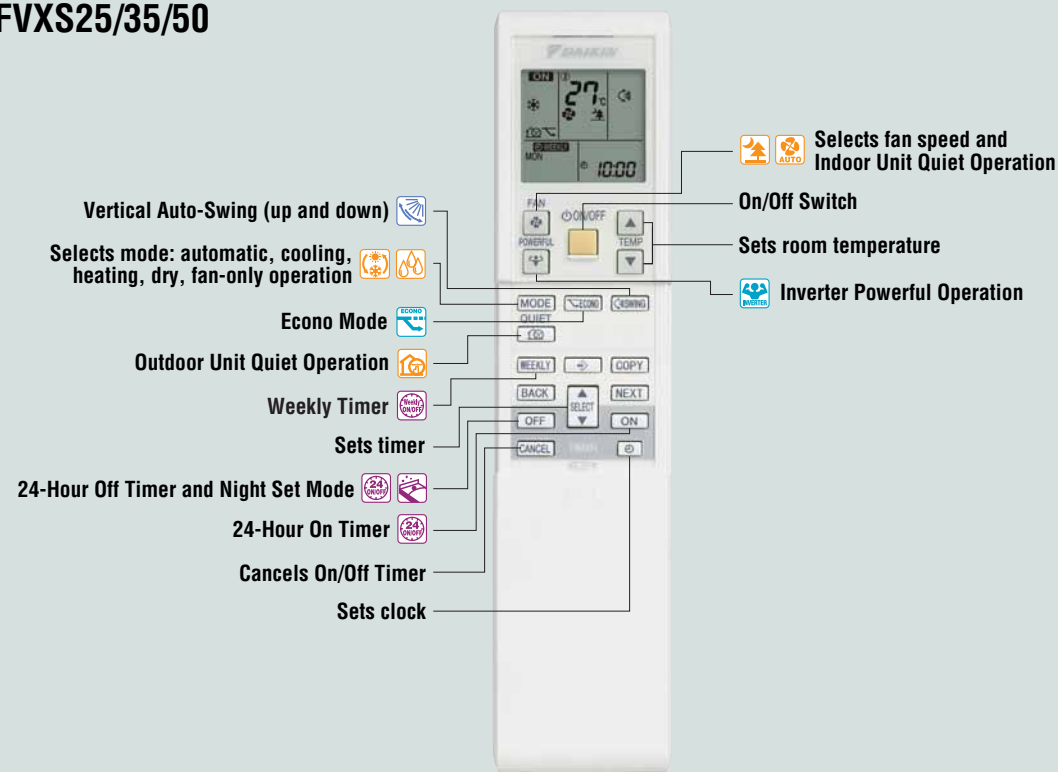
When the filter requires cleaning, the filter icon is displayed on the remote controller.

Easy-to-use wireless remote controller

CTK(X)S20 and FTK(X)S25/35/50/60/71



FVXS25/35/50



Models	Indoor unit						Outdoor unit
	Wall-mounted type	Duct-connected type	Floor-standing type	Floor/ceiling-suspended dual type	Compact multi flow ceiling-mounted cassette type		
	CTK(X)S20 FTK(X)S25/35	FTK(X)S50-71	CDK(X)S/FDXS	FVXS	FLXS	FFQ	
Comfortable Airflow	Power-Airflow Dual Flaps						
	Wide-Angle Louvres						
	Vertical Auto-Swing (up and down)						
	Horizontal Auto-Swing (left and right)	New					
Comfort Control	3-D Airflow	New					
	Comfort Airflow Mode	New					
	Indoor Unit Quiet Operation						
Lifestyle Convenience	Outdoor Unit Quiet Operation						
	Night Quiet Mode						
	Intelligent Eye						
	Automatic Operation (Heat pump type only)						
	Programme Dry Function						
	Auto Fan Speed						
	Inverter Powerful Operation						
Cleanliness	Econo Mode						
	Home Leave Operation						
	Indoor Unit On/Off Switch						
	Priority-Room Setting						
	Titanium Apatite Photocatalytic Air-Purifying Filter						
Timers	Photocatalytic Deodorising Filter						
	Air-Purifying Filter						
	Mould-Proof Air Filter						
Worry Free	Wipe-Clean Flat Panel						
	Filter Cleaning Indicator						
	24-Hour On/Off Timer						
Worry Free	72-Hour On/Off Timer						
	Weekly Timer	New					
	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 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 no matter where the indoor unit is placed in a room.

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.

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, decomposes odours and even removes bacteria and viruses. It lasts for 3 years without replacement if washed about once every 6 months.

Photocatalytic Deodorising Filter
This filter decomposes odours and even removes bacteria and viruses. This power is maintained simply by exposing the filter to sunlight once every 6 months.

Air-Purifying Filter
The filter removes bacteria and viruses, and impurities such as dust, pollen and cigarette smoke from the air.

Mould-Proof Air Filter
The air filter net is impregnated with a safe, odourless mould preventative to make the filter virtually immune to mould.

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 and 13

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 12 and 14

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 any 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 20 to check the functions offered by individual models.

Specifications

Outdoor unit

Model name	Cooling only			Heat pump					
	3MKS58EVMA	3MKS75EVMA	4MKS90EVMA	3MXS52EVMA	3MXS68EVMA	4MXS80EVMA			
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz								
Max. connected indoor units capacity	kW	10.0	13.5	15.6	9.0	11.0	14.5		
Casing colour	Ivory white								
Compressor type	Hermetically sealed swing type								
Refrigerant type	R-410A								
Sound level* (H/L/SL)	Cooling	46/43		48/45		46/43		48/45	
	Heating	—		—		47/44		49/46	
Sound power level (H)	Cooling	59		61		59		61	
	Heating	—		—		60		62	
Dimensions (H x W x D)	mm	735 x 936 x 300		770 x 900 x 320		735 x 936 x 300		770 x 900 x 320	
Machine weight	kg	49	58	69	49	59	72		
Operation range	Cooling	°CDB 10 to 46			-5 to 46			-10 to 46	
	Heating	°CWB —			-15 to 15.5			—	
Max. piping length	m	50 (total)		60 (total)		70 (total)		25 (for one room)	
		50 (total)		60 (total)		70 (total)		20 (for 30 m or more)	
Necessity of additional charge	g/m	Chargeless			20 (for 30 m or more)			20 (for 40 m 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)				

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

Indoor unit

Wall-mounted type

Model name	Cooling only					
	CTXS20KVMA	FTXS25KVMA	FTXS35KVMA	FTXS50KVMA	FTXS60KVMA	FTXS71KVMA
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz					
Front panel colour	White					
Airflow rate (H)	l/s (cfm)	161 (343)	188 (399)	245 (519)	270 (572)	290 (614)
Sound level (H/L/SL)	dB (A)	38/25/22	42/26/23	44/35/32	45/36/33	46/37/34
Sound power level (H)	dB (A)	54	58	60	61	62
Fan speed	5 steps, quiet and automatic					
Temperature control	Microcomputer control					
Dimensions (H x W x D)	mm	295 x 800 x 215			290 x 1,050 x 250	
Machine weight	kg	9	10	12		
Piping connections	Liquid (flare)	ø6.4				
	Gas (flare)	ø9.5		ø12.7		ø15.9
	Drain	I.D. ø14.0/O.D. ø18.0				
Heat insulation	Both liquid and gas pipes					
Model name	Heat pump					
	CTXS20KVMA	FTXS25KVMA	FTXS35KVMA	FTXS50KVMA	FTXS60KVMA	FTXS71KVMA
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz					
Front panel colour	White					
Airflow rate (H)	Cooling	161 (343)	188 (399)	245 (519)	270 (572)	290 (614)
	Heating	175 (371)	191 (406)	270 (572)	290 (614)	358 (759)
Sound level (H/L/SL)	Cooling	38/25/22	42/26/23	44/35/32	45/36/33	46/37/34
	Heating	39/28/25	42/29/26	42/33/30	44/35/32	46/37/34
Sound power level (H)	Cooling	54	58	60	61	62
	Heating	55	58	58	60	62
Fan speed	5 steps, quiet and automatic					
Temperature control	Microcomputer control					
Dimensions (H x W x D)	mm	295 x 800 x 215			290 x 1,050 x 250	
Machine weight	kg	9	10	12		
Piping connections	Liquid (flare)	ø6.4				
	Gas (flare)	ø9.5		ø12.7		ø15.9
	Drain	I.D. ø14.0/O.D. ø18.0				
Heat insulation	Both liquid and gas pipes					

Indoor unit

Duct-connected type <700 mm width>

Model name	Cooling only		Heat pump	
	CDKS25EAVMA	CDKS35EAVMA	CDXS25EAVMA	CDXS35EAVMA
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz			
Airflow rate (H)	Cooling	145 (307)		
	Heating	—		
Sound level* (H/L/SL)	Cooling	35/31/29		
	Heating	—		
Sound power level (H)	Cooling	53		
	Heating	—		
Fan speed	5 steps, quiet and automatic			
Temperature control	Microcomputer control			
Dimensions (H x W x D)	mm 200 x 700 x 620			
Machine weight	kg 21			
Piping connections	Liquid (flare)	ø6.4		
	Gas (flare)	ø9.5		
	Drain	VP20 (External Dia. 26/Internal Dia. 20)		
Heat insulation	Both liquid and gas pipes			
External static pressure	Pa 30			

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

Duct-connected type <900/1,100 mm width>

Model name	Cooling only				Heat pump					
	CDKS25CVMA	CDKS35CVMA	CDKS50CVMA	CDKS60CVMA	FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA		
Power supply	1 phase, 220-240 V/220-230 V, 50/60 Hz									
Airflow rate (H)	Cooling	158 (335)	167 (353)	200 (424)	267 (565)	158 (335)	167 (353)	200 (424)	267 (565)	
	Heating	—				158 (335)	167 (353)	200 (424)	267 (565)	
Sound level* (H/L/SL)	Cooling	35/31/29		37/33/31		38/34/32		35/31/29		
	Heating	—		—		—		35/31/29		
Sound power level (H)	Cooling	53		55		56		53		
	Heating	—		—		—		53		
Fan speed	5 steps, quiet and automatic									
Temperature control	Microcomputer control									
Dimensions (H x W x D)	mm 200 x 900 x 620				mm 200 x 1,100 x 620		mm 200 x 900 x 620		mm 200 x 1,100 x 620	
Machine weight	kg 25		kg 27		kg 30		kg 25		kg 27	kg 30
Piping connections	Liquid (flare)	ø6.4								
	Gas (flare)	ø9.5		ø12.7		ø9.5		ø12.7		
	Drain	VP 20 (External Dia. 26/Internal Dia. 20)								
Heat insulation	Both liquid and gas pipes									
External static pressure	Pa 40									

Note: * The operation sound level values represent those for rear-suction operation and an external static pressure of 40 Pa for CDKS/FDXS-C. Sound level values for bottom-suction operation can be obtained by adding 5 dB to the CDKS/FDXS-C values.

Floor-standing type

Model name	FVXS25GV1A		FVXS35GV1A		FVXS50GV1A		
	Power supply	1 phase, 220-240 V, 50 Hz					
Front panel colour	White						
Airflow rate (H)	Cooling	137 (290)		142 (300)		178 (378)	
	Heating	147 (311)		157 (332)		197 (417)	
Sound level (H/L/SL)	Cooling	38/26/23		39/27/24		44/36/32	
	Heating	38/26/23		39/27/24		45/36/32	
Sound power level (H)	Cooling	54		55		56	
	Heating	54		55		57	
Fan speed	5 steps, quiet and automatic						
Temperature control	Microcomputer control						
Dimensions (H x W x D)	mm 600 x 700 x 210						
Machine weight	kg 14						
Piping connections	Liquid (flare)	ø6.4					
	Gas (flare)	ø9.5		ø12.7		ø12.7	
	Drain	ø20.0					
Heat insulation	Both liquid and gas pipes						

Floor/ceiling-suspended dual type

Model name			FLXS25BVMA	FLXS35GVMA	FLXS50GVMA	FLXS60GVMA
Power supply			1 phase, 220-240 V/220-230 V, 50/60 Hz			
Front grille colour			Almond white			
Airflow rate (H)	Cooling	ℓ/s (cfm)	126 (268)	143 (304)	190 (402)	200 (424)
	Heating		153 (325)	163 (346)	202 (427)	213 (452)
Sound level (H/L/SL)	Cooling		37/31/28	38/32/29	47/39/36	48/41/39
	Heating	dB (A)	37/31/29	39/33/30	46/35/33	47/37/34
Sound power level (H)	Cooling	dB (A)	53	54	63	64
	Heating		53	55	62	63
Fan speed			5 steps, quiet and automatic			
Temperature control			Microcomputer control			
Dimensions (H x W x D)			490 x 1,050 x 200			
Machine weight			16		17	
Piping connections	Liquid (flare)		ø6.4			
	Gas (flare)	mm	ø9.5		ø12.7	
	Drain		ø18.0			
Heat insulation			Both liquid and gas pipes			

Compact multi flow ceiling-mounted cassette type

Model name			Cooling only				Heat pump			
Power supply			1 phase, 220-240 V, 50 Hz							
Airflow rate (H)	Cooling	ℓ/s (cfm)	150 (318)	167 (353)	200 (424)	250 (530)	150 (318)	167 (353)	200 (424)	250 (530)
	Heating		—				150 (318)	167 (353)	200 (424)	250 (530)
Sound level* (H/L)	Cooling	dB (A)	29.5/24.5	32/25	36/27	41/32	29.5/24.5	32/25	36/27	41/32
	Heating		—				29.5/24.5	32/25	36/27	41/32
Sound power level (H)	Cooling	dB (A)	46.5	49	53	58	46.5	49	53	58
	Heating		—				46.5	49	53	58
Fan speed			2 steps							
Temperature control			Microcomputer control							
Unit dimensions (H x W x D)			286 x 575 x 575							
Machine weight			17.5							
Piping connections	Liquid (flare)		ø6.4							
	Gas (flare)	mm	ø9.5		ø12.7		ø9.5		ø12.7	
	Drain		VP20 (External Dia. 26/Internal Dia. 20)							
Heat insulation			Both liquid and gas pipes							
Panel (option)	Model		BYFQ60B8W1							
	Colour		White							
	Dimensions (H x W x D)	mm	55 x 700 x 700							
	Weight	kg	2.7							

Note: * Anechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

Measurement conditions

- Cooling operation data is based on the following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; piping length 7.5 m.
- Heating operation data is based on the following conditions: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; piping length 7.5 m.
- Sound levels are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.

Options

Outdoor unit

No.	Item	3MXS52E	3MKS58E	3MXS68E	3MKS75E	4MXS80E	4MKS90E
1	Air direction adjustment grille	KPW945A4					
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.



Air direction adjustment grille
KPW945A4



Drain plug
KKP937A4

Indoor unit

No.	Item	Wall-mounted type	Duct-connected type			Floor-standing type	Floor/ceiling-suspended dual type	
		C(F)TK(X)S20-35	FTK(X)S50-71	CDK(X)S25/35EA	C(F)DK(X)S25-50C			C(F)DK(X)S60C
1	Wired remote controller*1	BRC944B2					—	
2	Wired remote controller cord	Length 3 m (shielded wire)	BRCW901A03					—
		Length 8 m (shielded wire)	BRCW901A08					—
3	5-room centralised controller*2	KRC72					—	
4	Wiring adaptor for time clock/remote controller*3 (Normal open pulse contact/normal open contact)	KRP413AB1S					—	
5	Titanium apatite photocatalytic air-purifying filter*4	KAF970A46	—			KAF968A42	—	
6	Photocatalytic deodorising filter with frame*5	—					KAZ917B41	
7	Photocatalytic deodorising filter without frame*5	—					KAZ917B42	
8	Air-purifying filter with frame*6	—					KAF925B41	
9	Air-purifying filter without frame*6	—					KAF925B42	
10	Wireless remote controller loss prevention chain	KKF910A4	KKF917A4			KKF910A4	KKF917A4	
11	Suction grille	—					KDGF19A45	
12	Insulation kit for high humidity	—	KDT25N32	KDT25N50	KDT25N63	—		

Notes: *1. 3 m (BRCW901A03) or 8 m (BRCW901A08) length wired remote controller cord is necessary.

*2. A wiring adaptor (KRP413AB1S) is also required for each indoor unit.

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

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

*5. The photocatalytic deodorising filter is a standard accessory. It can be reused indefinitely if it is exposed to direct sunlight once every 6 months. This accessory is only required if the original filter is damaged or lost, etc.

*6. The air-purifying filter is a standard accessory. It should be replaced approximately once every 3 months. This accessory is required for the replacement of filters.



Wired remote controller
BRC944B2



5-room centralised controller
KRC72



Titanium apatite photocatalytic air-purifying filter
KAF970A46



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)	KRC501-1B			
7	Replacement long-life filter	KAFQ441BA60			
8	Fresh air intake kit	Direct installation type	KDDQ44XA60		
9	Sealing member of air discharge outlet	KDBH44BA60			
10	Panel spacer	KDBQ44BA60A			

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

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

Control system

No.	Item	Wall-mounted type	Duct-connected type	Floor-standing type	Floor/ceiling-suspended dual type
1	Central remote controller*	DCS302CA61			
2	Unified on/off controller*	DCS301BA61			
3	Schedule timer*	DST301BA61			
4	Interface adaptor for DIII-NET use	KRP928BB2S			

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

Cooling only

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
3MKS58EVMA	20	2.00				2.00 (1.76-3.06)	460 (350- 810)	2.0 (1.5- 3.2)
	25	2.50				2.50 (1.76-3.30)	620 (350- 820)	2.7 (1.5- 3.2)
	35	3.50				3.50 (1.76-4.56)	960 (350-1,510)	4.1 (1.5- 5.5)
	50	5.00				5.00 (1.85-5.82)	1,540 (350-1,980)	6.5 (1.5- 8.3)
	20+20	2.00	2.00			4.00 (1.88-5.96)	950 (350-1,910)	4.0 (1.5- 8.0)
	20+25	2.00	2.50			4.50 (1.88-6.23)	1,180 (350-2,140)	5.0 (1.5- 9.0)
	20+35	1.86	3.25			5.11 (1.88-6.24)	1,520 (350-2,070)	6.4 (1.5- 8.7)
	20+50	1.56	3.90			5.46 (1.88-6.91)	1,400 (350-2,070)	5.9 (1.5- 8.7)
	25+25	2.50	2.50			5.00 (1.88-6.23)	1,450 (350-2,140)	6.1 (1.5- 9.0)
	25+35	2.18	3.05			5.23 (1.88-6.35)	1,580 (350-2,160)	6.6 (1.5- 9.1)
	25+50	1.86	3.71			5.57 (1.88-6.91)	1,470 (350-2,070)	6.2 (1.5- 8.7)
	35+35	2.73	2.73			5.46 (1.88-6.40)	1,720 (350-2,160)	7.2 (1.5- 9.1)
	35+50	2.39	3.41			5.80 (1.88-6.92)	1,600 (350-2,080)	6.7 (1.5- 8.8)
	50+50	2.90	2.90			5.80 (1.83-7.00)	1,540 (350-2,110)	6.5 (1.5- 8.9)
	20+20+20	1.74	1.74	1.74		5.22 (1.86-7.04)	1,260 (350-2,160)	5.3 (1.5- 9.1)
	20+20+25	1.64	1.64	2.05		5.33 (1.86-7.04)	1,310 (350-2,160)	5.5 (1.5- 9.1)
	20+20+35	1.49	1.49	2.60		5.58 (1.95-7.06)	1,410 (370-2,160)	5.9 (1.6- 9.1)
	20+20+50	1.29	1.29	3.22		5.80 (1.77-7.30)	1,540 (350-2,190)	6.5 (1.5- 9.2)
	20+25+25	1.56	1.95	1.95		5.46 (1.86-7.04)	1,380 (350-2,160)	5.8 (1.5- 9.1)
	20+25+35	1.42	1.78	2.49		5.69 (1.95-7.06)	1,480 (370-2,160)	6.2 (1.6- 9.1)
20+25+50	1.22	1.53	3.05		5.80 (1.77-7.30)	1,540 (350-2,240)	6.5 (1.5- 9.4)	
20+35+35	1.28	2.26	2.26		5.80 (1.86-7.07)	1,570 (350-2,160)	6.6 (1.5- 9.1)	
25+25+25	1.86	1.86	1.86		5.58 (1.95-7.04)	1,410 (370-2,160)	5.9 (1.6- 9.1)	
25+25+35	1.71	1.71	2.38		5.80 (1.95-7.06)	1,570 (370-2,160)	6.6 (1.6- 9.1)	
25+25+50	1.45	1.45	2.90		5.80 (1.77-7.30)	1,540 (350-2,240)	6.5 (1.5- 9.4)	
25+35+35	1.52	2.14	2.14		5.80 (1.95-7.07)	1,570 (380-2,160)	6.6 (1.6- 9.1)	
3MKS75EVMA	20	2.00				2.00 (1.70-2.97)	500 (420- 790)	2.3 (1.9- 3.6)
	25	2.50				2.50 (1.70-3.46)	650 (420- 920)	3.0 (1.9- 4.2)
	35	3.50				3.50 (1.71-4.79)	1,010 (420-1,410)	4.4 (1.8- 6.2)
	50	5.00				5.00 (1.83-5.94)	1,560 (450-1,990)	6.6 (1.9- 8.5)
	60	6.00				6.00 (1.92-6.45)	2,100 (440-2,320)	8.8 (1.9- 9.8)
	71	7.10				7.10 (2.06-7.17)	2,820 (460-2,840)	11.9 (1.9-12.0)
	20+20	2.00	2.00			4.00 (1.73-5.22)	1,170 (360-1,610)	5.0 (1.5- 6.8)
	20+25	2.00	2.50			4.50 (1.83-5.70)	1,420 (390-1,860)	6.0 (1.7- 7.9)
	20+35	2.00	3.50			5.50 (1.92-6.25)	1,950 (420-2,350)	8.2 (1.8- 9.9)
	20+50	1.93	4.82			6.75 (2.15-7.17)	2,310 (430-2,470)	9.7 (1.8-10.4)
	20+60	1.77	5.28			7.05 (2.21-7.52)	2,430 (430-2,570)	10.2 (1.8-10.8)
	20+71	1.62	5.76			7.38 (2.32-7.87)	2,620 (450-2,890)	11.0 (1.9-12.2)
	25+25	2.50	2.50			5.00 (1.83-6.10)	1,660 (390-2,040)	7.1 (1.7- 8.7)
	25+35	2.50	3.50			6.00 (1.92-6.49)	2,300 (420-2,490)	9.7 (1.8-10.5)
	25+50	2.30	4.60			6.90 (2.10-7.31)	2,400 (410-2,570)	10.1 (1.7-10.8)
	25+60	2.12	5.08			7.20 (2.21-7.66)	2,620 (420-2,710)	11.0 (1.8-11.4)
	25+71	1.95	5.55			7.50 (2.32-8.00)	2,760 (440-3,020)	11.6 (1.9-12.7)
	35+35	3.50	3.50			7.00 (2.06-7.16)	2,790 (460-3,140)	11.7 (1.9-13.2)
	35+50	2.96	4.24			7.20 (2.21-7.65)	2,620 (440-2,810)	11.0 (1.9-11.8)
	35+60	2.76	4.74			7.50 (2.32-7.95)	2,840 (460-3,050)	12.0 (1.9-12.8)
35+71	2.48	5.02			7.50 (2.42-8.27)	2,740 (490-3,210)	11.5 (2.1-13.5)	
50+50	3.75	3.75			7.50 (2.40-8.09)	2,590 (460-2,900)	10.9 (1.9-12.2)	
50+60	3.41	4.09			7.50 (2.48-8.32)	2,540 (480-3,060)	10.7 (2.0-12.9)	
50+71	3.10	4.40			7.50 (2.61-8.50)	2,500 (510-3,170)	10.5 (2.1-13.3)	
60+60	3.75	3.75			7.50 (2.60-8.50)	2,500 (510-3,170)	10.5 (2.1-13.3)	
60+71	3.44	4.06			7.50 (2.74-8.62)	2,450 (540-3,210)	10.3 (2.3-13.5)	
20+20+20	2.00	2.00	2.00		6.00 (1.95-6.75)	1,680 (350-2,020)	7.1 (1.5- 8.5)	
20+20+25	2.03	2.03	2.54		6.60 (2.00-7.07)	2,000 (380-2,200)	8.4 (1.6- 9.3)	
20+20+35	1.84	1.84	3.22		6.90 (2.10-7.46)	2,180 (400-2,510)	9.2 (1.7-10.6)	
20+20+50	1.63	1.63	4.09		7.35 (2.23-8.05)	2,260 (420-2,650)	9.5 (1.8-11.2)	
20+20+60	1.50	1.50	4.50		7.50 (2.40-8.39)	2,310 (450-2,810)	9.7 (1.9-11.8)	
20+20+71	1.35	1.35	4.80		7.50 (2.49-8.66)	2,310 (470-2,960)	9.7 (2.0-12.5)	
20+25+25	1.93	2.41	2.41		6.75 (2.10-7.29)	2,090 (380-2,390)	8.8 (1.6-10.1)	
20+25+35	1.76	2.22	3.07		7.05 (2.21-7.66)	2,250 (430-2,590)	9.5 (1.8-10.9)	
20+25+50	1.58	1.97	3.95		7.50 (2.40-8.23)	2,360 (450-2,810)	9.9 (1.9-11.8)	
20+25+60	1.43	1.79	4.28		7.50 (2.40-8.57)	2,310 (450-2,860)	9.7 (1.9-12.0)	
20+25+71	1.29	1.62	4.59		7.50 (2.49-8.79)	2,260 (470-3,020)	9.5 (2.0-12.7)	
20+35+35	1.63	2.86	2.86		7.35 (2.21-8.05)	2,440 (420-2,890)	10.3 (1.8-12.2)	
20+35+50	1.43	2.50	3.57		7.50 (2.40-8.57)	2,360 (450-3,070)	9.9 (1.9-12.9)	
20+35+60	1.30	2.29	3.91		7.50 (2.48-8.72)	2,260 (480-2,960)	9.5 (2.0-12.5)	
20+35+71	1.19	2.08	4.23		7.50 (2.64-8.95)	2,240 (510-3,180)	9.4 (2.1-13.4)	
20+50+50	1.24	3.13	3.13		7.50 (2.70-8.86)	2,130 (510-2,920)	9.0 (2.1-12.3)	
20+50+60	1.15	2.89	3.46		7.50 (2.78-8.97)	2,080 (560-3,090)	8.8 (2.4-13.0)	
25+25+25	2.30	2.30	2.30		6.90 (2.10-7.46)	2,180 (380-2,490)	9.2 (1.6-10.5)	
25+25+35	2.12	2.12	2.96		7.20 (2.21-7.87)	2,350 (420-2,740)	9.9 (1.8-11.5)	
25+25+50	1.88	1.88	3.74		7.50 (2.40-8.36)	2,360 (450-2,860)	9.9 (1.9-12.0)	
25+25+60	1.70	1.70	4.10		7.50 (2.48-8.63)	2,260 (480-2,960)	9.5 (2.0-12.5)	

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)	
		A room	B room	C room	D room				
3MKS75EVMA	25+25+71	1.55	1.55	4.40		7.50 (2.61-8.86)	2,240 (510-3,020)	9.4 (2.1-12.7)	
	25+35+35	1.98	2.76	2.76		7.50 (2.29-8.23)	2,580 (450-3,070)	10.9 (1.9-12.9)	
	25+35+50	1.70	2.39	3.41		7.50 (2.48-8.63)	2,360 (480-3,070)	9.9 (2.0-12.9)	
	25+35+60	1.56	2.19	3.75		7.50 (2.60-8.84)	2,260 (510-2,960)	9.5 (2.1-12.5)	
	25+35+71	1.43	2.00	4.07		7.50 (2.74-9.01)	2,220 (530-3,130)	9.3 (2.2-13.2)	
	25+50+50	1.50	3.00	3.00		7.50 (2.70-8.92)	2,130 (500-3,030)	9.0 (2.1-12.8)	
	25+50+60	1.39	2.78	3.33		7.50 (2.78-9.04)	2,080 (560-3,090)	8.8 (2.4-13.0)	
	35+35+35	2.50	2.50	2.50		7.50 (2.41-8.53)	2,560 (480-3,150)	10.8 (2.0-13.3)	
	35+35+50	2.19	2.19	3.12		7.50 (2.60-8.84)	2,360 (510-3,230)	9.9 (2.1-13.6)	
	35+35+60	2.02	2.02	3.46		7.50 (2.72-8.98)	2,210 (530-3,040)	9.3 (2.2-12.8)	
	35+50+50	1.94	2.78	2.78		7.50 (2.78-9.07)	2,130 (560-3,140)	9.0 (2.4-13.2)	
	4MKS90EVMA	20	2.00				2.00 (1.94-2.98)	560 (460-1,000)	2.4 (2.0- 4.3)
		25	2.50				2.50 (2.01-3.49)	700 (490-1,150)	3.0 (2.1- 4.9)
		35	3.50				3.50 (2.06-4.80)	1,120 (490-1,900)	4.8 (2.1- 8.1)
50		5.00				5.00 (2.23-5.37)	1,520 (500-1,700)	6.5 (2.1- 7.2)	
60		6.00				6.00 (2.34-6.49)	1,880 (470-2,180)	8.0 (2.0- 9.3)	
71		7.10				7.10 (2.46-7.23)	2,540 (500-2,650)	10.8 (2.1-11.3)	
20+20		2.00	2.00			4.00 (2.12-5.30)	1,120 (500-1,840)	4.8 (2.1- 7.8)	
20+25		2.00	2.50			4.50 (2.17-5.73)	1,270 (470-1,930)	5.4 (2.0- 8.2)	
20+35		2.00	3.50			5.50 (2.28-6.31)	1,700 (470-2,130)	7.2 (2.0- 9.1)	
20+50		2.00	5.00			7.00 (2.45-7.17)	2,210 (510-2,320)	9.4 (2.2- 9.9)	
20+60		1.84	5.52			7.36 (2.59-7.77)	2,430 (540-2,660)	10.3 (2.3-11.3)	
20+71		1.69	5.98			7.67 (2.75-8.22)	2,610 (570-2,960)	11.1 (2.4-12.6)	
25+25		2.50	2.50			5.00 (2.23-6.05)	1,390 (470-1,930)	5.9 (2.0- 8.2)	
25+35		2.50	3.50			6.00 (2.34-6.49)	1,880 (470-2,180)	8.0 (2.0- 9.3)	
25+50		2.40	4.81			7.21 (2.52-7.48)	2,320 (510-2,490)	9.9 (2.2-10.6)	
25+60		2.21	5.29			7.50 (2.67-8.03)	2,490 (540-2,840)	10.6 (2.3-12.1)	
25+71		2.03	5.78			7.81 (2.83-8.22)	2,720 (570-2,960)	11.6 (2.4-12.6)	
35+35		3.50	3.50			7.00 (2.45-7.17)	2,490 (500-2,600)	10.6 (2.1-11.1)	
35+50		3.09	4.41			7.50 (2.67-8.01)	2,540 (540-2,840)	10.8 (2.3-12.1)	
35+60		2.87	4.92			7.79 (2.81-8.21)	2,720 (570-2,960)	11.6 (2.4-12.6)	
35+71		2.63	5.32			7.95 (2.98-8.35)	2,780 (600-3,100)	11.8 (2.6-13.2)	
50+50		3.95	3.95			7.90 (2.89-8.74)	2,480 (580-3,040)	10.5 (2.5-12.9)	
50+60		3.73	4.48			8.21 (3.04-8.79)	2,660 (610-3,040)	11.3 (2.6-12.9)	
50+71		3.52	5.01			8.53 (3.20-8.99)	2,850 (640-3,180)	12.1 (2.7-13.5)	
60+60		4.25	4.25			8.50 (3.18-9.00)	2,850 (640-3,180)	12.1 (2.7-13.5)	
60+71		3.92	4.63			8.55 (3.35-9.02)	2,790 (670-3,180)	11.9 (2.8-13.5)	
71+71		4.33	4.33			8.66 (3.51-9.04)	2,790 (710-3,180)	11.9 (3.0-13.5)	
20+20+20		2.00	2.00	2.00		6.00 (2.34-6.63)	1,670 (510-1,960)	7.1 (2.2- 8.3)	
20+20+25		2.00	2.00	2.50		6.50 (2.39-6.84)	1,910 (480-2,110)	8.1 (2.0- 9.0)	
20+20+35		1.92	1.92	3.37		7.21 (2.52-7.48)	2,320 (510-2,490)	9.9 (2.2-10.6)	
20+20+50		1.70	1.70	4.24		7.64 (2.74-8.30)	2,310 (550-2,720)	9.8 (2.3-11.6)	
20+20+60		1.59	1.59	4.75		7.93 (2.89-8.74)	2,490 (580-2,980)	10.6 (2.5-12.7)	
20+20+71		1.48	1.48	5.28		8.24 (3.05-9.03)	2,670 (610-3,180)	11.4 (2.6-13.5)	
20+25+25		2.00	2.50	2.50		7.00 (2.45-7.17)	2,220 (510-2,270)		

240 V, 50 Hz

Heat pump

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
4MKS90EVMA	35+35+35	2.69	2.69	2.69		8.07 (2.96-8.41)	2,900 (600-3,150)	12.3 (2.6-13.4)
	35+35+50	2.48	2.48	3.54		8.50 (3.18-8.99)	2,850 (640-3,180)	12.1 (2.7-13.5)
	35+35+60	2.37	2.37	4.05		8.79 (3.33-9.03)	2,980 (670-3,180)	12.7 (2.8-13.5)
	35+35+71	2.22	2.22	4.51		8.95 (3.49-9.05)	2,990 (710-3,190)	13.9 (3.3-14.8)
	35+50+50	2.31	3.31	3.31		8.93 (3.40-9.58)	2,850 (640-3,260)	13.2 (3.0-15.1)
	35+50+60	2.18	3.10	3.72		9.00 (3.55-9.62)	2,860 (670-3,270)	13.3 (3.1-15.2)
	35+50+71	2.02	2.88	4.10		9.00 (3.71-9.80)	2,790 (710-3,420)	12.9 (3.3-15.9)
	35+60+60	2.04	3.48	3.48		9.00 (3.70-9.80)	2,790 (710-3,420)	12.9 (3.3-15.9)
	50+50+50	3.00	3.00	3.00		9.00 (3.63-9.80)	2,580 (680-3,130)	12.0 (3.2-14.5)
	20+20+20+20	1.84	1.84	1.84	1.84	7.36 (2.59-7.77)	1,980 (520-2,200)	9.2 (2.4-10.2)
	20+20+20+25	1.76	1.76	1.76	2.22	7.50 (2.67-8.04)	2,090 (550-2,370)	9.7 (2.6-11.0)
	20+20+20+35	1.64	1.64	1.64	2.87	7.79 (2.81-8.53)	2,200 (580-2,670)	10.2 (2.7-12.4)
	20+20+20+50	1.49	1.49	1.49	3.74	8.21 (3.04-9.11)	2,350 (580-2,920)	10.9 (2.7-13.5)
	20+20+20+60	1.42	1.42	1.42	4.24	8.50 (3.18-9.40)	2,480 (610-3,130)	11.5 (2.8-14.5)
	20+20+20+71	1.35	1.35	1.35	4.76	8.81 (3.35-9.63)	2,670 (640-3,280)	12.4 (3.0-15.2)
	20+20+25+25	1.70	1.70	2.12	2.12	7.64 (2.74-8.30)	2,140 (550-2,550)	9.9 (2.6-11.8)
	20+20+25+35	1.59	1.59	1.98	2.77	7.93 (2.89-8.74)	2,430 (580-2,980)	11.3 (2.7-13.8)
	20+20+25+50	1.45	1.45	1.82	3.64	8.36 (3.11-9.27)	2,410 (610-3,060)	11.2 (2.8-14.2)
	20+20+25+60	1.38	1.38	1.73	4.15	8.64 (3.26-9.52)	2,600 (640-3,200)	12.1 (3.0-14.8)
	20+20+25+71	1.32	1.32	1.65	4.67	8.96 (3.42-9.68)	2,800 (640-3,280)	13.0 (3.0-15.2)
	20+20+35+35	1.49	1.49	2.61	2.61	8.20 (3.04-8.86)	2,610 (610-3,050)	12.1 (2.8-14.1)
	20+20+35+50	1.38	1.38	2.42	3.46	8.64 (3.26-9.52)	2,600 (640-3,200)	12.1 (3.0-14.8)
	20+20+35+60	1.32	1.32	2.32	3.97	8.93 (3.40-9.66)	2,730 (640-3,280)	12.7 (3.0-15.2)
	20+20+35+71	1.23	1.23	2.16	4.38	9.00 (3.57-9.68)	2,670 (670-3,280)	12.4 (3.1-15.2)
	20+20+50+50	1.29	1.29	3.21	3.21	9.00 (3.48-9.75)	2,520 (640-3,060)	11.7 (3.0-14.2)
	20+20+50+60	1.20	1.20	3.00	3.60	9.00 (3.63-9.80)	2,520 (680-3,070)	11.7 (3.2-14.2)
	20+25+25+25	1.64	2.05	2.05	2.05	7.79 (2.81-8.53)	2,260 (580-2,670)	10.5 (2.7-12.4)
	20+25+25+35	1.54	1.92	1.92	2.69	8.07 (2.96-8.86)	2,550 (580-3,050)	11.8 (2.7-14.1)
	20+25+25+50	1.42	1.77	1.77	3.54	8.50 (3.18-9.40)	2,540 (610-3,130)	11.8 (2.8-14.5)
	20+25+25+60	1.35	1.69	1.69	4.06	8.79 (3.33-9.61)	2,600 (640-3,280)	12.1 (3.0-15.2)
	20+25+25+71	1.28	1.60	1.60	4.52	9.00 (3.49-9.68)	2,670 (670-3,280)	12.4 (3.1-15.2)
	20+25+35+35	1.45	1.83	2.54	2.54	8.36 (3.11-9.04)	2,730 (610-3,180)	12.7 (2.8-14.7)
	20+25+35+50	1.35	1.69	2.37	3.38	8.79 (3.33-9.61)	2,730 (640-3,270)	12.7 (3.0-15.2)
	20+25+35+60	1.29	1.61	2.25	3.85	9.00 (3.48-9.66)	2,730 (670-3,280)	12.7 (3.1-15.2)
	20+25+35+71	1.19	1.49	2.09	4.23	9.00 (3.64-9.80)	2,670 (710-3,430)	12.4 (3.3-15.9)
	20+25+50+50	1.24	1.56	3.10	3.10	9.00 (3.55-9.78)	2,520 (640-3,060)	11.7 (3.0-14.2)
	20+25+50+60	1.17	1.45	2.90	3.48	9.00 (3.70-9.80)	2,520 (680-3,070)	11.7 (3.2-14.2)
	20+35+35+35	1.38	2.42	2.42	2.42	8.64 (3.26-9.05)	2,920 (640-3,190)	13.5 (3.0-14.8)
	20+35+35+50	1.29	2.25	2.25	3.21	9.00 (3.48-9.63)	2,860 (670-3,270)	13.3 (3.1-15.2)
	20+35+35+60	1.20	2.10	2.10	3.60	9.00 (3.63-9.80)	2,730 (710-3,420)	11.6 (3.0-14.5)
	20+35+50+50	1.16	2.04	2.90	2.90	9.00 (3.70-9.80)	2,520 (680-3,070)	10.7 (2.9-13.1)
	25+25+25+25	1.98	1.98	1.98	1.98	7.92 (2.89-8.74)	2,430 (580-2,980)	10.3 (2.5-12.7)
25+25+25+35	1.87	1.87	1.87	2.60	8.21 (3.04-8.86)	2,610 (610-3,050)	11.1 (2.6-13.0)	
25+25+25+50	1.73	1.73	1.73	3.45	8.64 (3.26-9.52)	2,600 (640-3,200)	11.1 (2.7-13.6)	
25+25+25+60	1.65	1.65	1.65	3.98	8.93 (3.40-9.65)	2,730 (640-3,280)	11.6 (2.7-13.9)	
25+25+25+71	1.54	1.54	1.54	4.38	9.00 (3.57-9.68)	2,670 (670-3,280)	11.4 (2.8-13.9)	
25+25+35+35	1.77	1.77	2.48	2.48	8.50 (3.18-9.04)	2,790 (640-3,180)	11.9 (2.7-13.5)	
25+25+35+50	1.65	1.65	2.32	3.31	8.93 (3.40-9.63)	2,790 (640-3,270)	11.9 (2.7-13.9)	
25+25+35+60	1.55	1.55	2.17	3.73	9.00 (3.55-9.66)	2,730 (670-3,280)	11.6 (2.8-13.9)	
25+25+35+71	1.44	1.44	2.02	4.10	9.00 (3.71-9.80)	2,670 (710-3,430)	11.4 (3.0-14.6)	
25+25+50+50	1.50	1.50	3.00	3.00	9.00 (3.63-9.80)	2,520 (680-3,060)	10.7 (2.9-13.0)	
25+35+35+35	1.68	2.37	2.37	2.37	8.79 (3.33-9.07)	3,050 (670-3,190)	13.0 (2.8-13.6)	
25+35+35+50	1.55	2.17	2.17	3.11	9.00 (3.55-9.63)	2,860 (670-3,270)	12.2 (2.8-13.9)	
25+35+35+60	1.45	2.03	2.03	3.49	9.00 (3.70-9.80)	2,730 (710-3,420)	11.6 (3.0-14.5)	
35+35+35+35	2.24	2.24	2.24	2.24	8.96 (3.48-9.05)	3,120 (710-3,220)	13.3 (3.0-13.7)	
35+35+35+50	2.03	2.03	2.03	2.91	9.00 (3.70-9.80)	2,860 (710-3,420)	12.2 (3.0-14.5)	

Notes: 1. Cooling operation data is based on the following conditions: indoor temp. 27 °CDB, 19 °CWB; outdoor temp. 35 °CDB.
2. Total capacity of connected indoor units is: up to 10.0 kW to the 3MKS58E; up to 13.5 kW to the 3MKS75E; up to 15.6 kW to the 4MKS90E.

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			
3MKS52EVMA	20	2.00				2.00 (1.76-2.84)	460 (350- 740)	2.0 (1.5- 3.2)
	25	2.50				2.50 (1.76-3.24)	620 (350- 800)	2.7 (1.5- 3.4)
	35	3.50				3.50 (1.76-4.52)	970 (350-1,510)	4.1 (1.5- 6.4)
	50	5.00				5.00 (1.85-5.80)	1,540 (350-2,100)	6.5 (1.5- 8.8)
	20+20	2.00	2.00			4.00 (1.88-5.96)	950 (350-1,910)	4.0 (1.5- 8.0)
	20+25	2.00	2.50			4.50 (1.88-6.23)	1,180 (350-2,140)	5.0 (1.5- 9.0)
	20+35	1.89	3.31			5.20 (1.88-6.24)	1,550 (350-2,140)	6.5 (1.5- 9.0)
	20+50	1.49	3.71			5.20 (1.88-6.91)	1,280 (350-2,070)	5.4 (1.5- 8.7)
	25+25	2.50	2.50			5.00 (1.88-6.23)	1,450 (350-2,140)	6.1 (1.5- 9.0)
	25+35	2.17	3.03			5.20 (1.88-6.35)	1,550 (350-2,250)	6.5 (1.5- 9.5)
	25+50	1.73	3.47			5.20 (1.88-6.91)	1,280 (350-2,070)	5.4 (1.5- 8.7)
	35+35	2.60	2.60			5.20 (1.88-6.40)	1,550 (350-2,250)	6.5 (1.5- 9.5)
	35+50	2.14	3.06			5.20 (1.88-6.92)	1,260 (350-2,080)	5.3 (1.5- 8.8)
	20+20+20	1.73	1.73	1.73		5.19 (1.86-7.04)	1,240 (350-2,160)	5.2 (1.5- 9.1)
	20+20+25	1.60	1.60	1.99		5.19 (1.86-7.04)	1,240 (350-2,160)	5.2 (1.5- 9.1)
	20+20+35	1.38	1.38	2.43		5.19 (1.95-7.06)	1,240 (370-2,160)	5.2 (1.6- 9.1)
	20+25+25	1.49	1.85	1.85		5.19 (1.86-7.04)	1,240 (350-2,160)	5.2 (1.5- 9.1)
	20+25+35	1.30	1.63	2.27		5.20 (1.95-7.06)	1,240 (370-2,160)	5.2 (1.6- 9.1)
	20+35+35	1.16	2.02	2.02		5.20 (1.95-7.07)	1,240 (370-2,160)	5.2 (1.6- 9.1)
	25+25+25	1.73	1.73	1.73		5.19 (1.95-7.04)	1,240 (370-2,160)	5.2 (1.6- 9.1)
25+25+35	1.53	1.53	2.14		5.20 (1.95-7.06)	1,230 (370-2,160)	5.2 (1.6- 9.1)	
20+20+50	1.16	1.16	2.88		5.20 (2.04-7.30)	1,220 (390-2,190)	5.1 (1.6- 9.2)	
3MKS52EVMA	20	2.72				2.72 (1.21-3.75)	720 (300-1,200)	3.1 (1.3- 5.2)
	25	3.40				3.40 (1.21-4.00)	990 (300-1,260)	4.3 (1.3- 5.4)
	35	4.20				4.20 (1.21-4.82)	1,390 (300-1,680)	5.9 (1.3- 7.1)
	50	5.80				5.80 (1.30-6.79)	1,740 (300-2,510)	7.3 (1.3-10.6)
	20+20	3.05	3.05			6.10 (1.28-7.00)	1,700 (310-2,280)	7.2 (1.3- 9.6)
	20+25	2.78	3.47			6.25 (1.28-7.00)	1,750 (310-2,280)	7.4 (1.3- 9.6)
	20+35	2.38	4.17			6.55 (1.34-7.04)	1,860 (310-2,280)	7.8 (1.3- 9.6)
	20+50	1.94	4.86			6.80 (1.36-7.95)	1,520 (310-2,220)	6.4 (1.3- 9.3)
	25+25	3.25	3.25			6.50 (1.28-7.00)	1,860 (310-2,310)	7.8 (1.3- 9.7)
	25+35	2.79	3.97			6.70 (1.34-7.19)	1,930 (310-2,360)	8.1 (1.3- 9.9)
	25+50	2.27	4.53			6.80 (1.42-7.95)	1,520 (310-2,220)	6.4 (1.3- 9.3)
	35+35	3.40	3.40			6.80 (1.40-7.22)	1,970 (310-2,350)	8.3 (1.3- 9.9)
	35+50	2.80	4.00			6.80 (1.42-7.98)	1,520 (310-2,210)	6.4 (1.3- 9.3)
	20+20+20	2.26	2.26	2.26		6.78 (1.34-8.02)	1,570 (320-2,140)	6.6 (1.3- 9.0)
	20+20+25	2.09	2.09	2.60		6.78 (1.34-8.02)	1,570 (320-2,140)	6.6 (1.3- 9.0)
	20+20+35	1.80	1.80	3.18		6.78 (1.45-8.05)	1,560 (320-2,140)	6.6 (1.3- 9.0)
	20+25+25	1.94	2.42	2.42		6.78 (1.34-8.02)	1,570 (320-2,140)	6.6 (1.3- 9.0)
	20+25+35	1.70	2.13	2.97		6.80 (1.57-8.05)	1,560 (320-2,140)	6.6 (1.3- 9.0)
	20+35+35	1.52	2.64	2.64		6.80 (1.56-8.08)	1,560 (320-2,140)	6.6 (1.3- 9.0)
	25+25+25	2.26	2.26	2.26		6.78 (1.45-8.02)	1,570 (320-2,140)	6.6 (1.3- 9.0)
25+25+35	2.00	2.00	2.80		6.80 (1.57-8.05)	1,560 (320-2,140)	6.6 (1.3- 9.0)	
20+20+50	1.51	1.51	3.78		6.80 (1.64-8.30)	1,420 (320-2,040)	6.0 (1.3- 8.6)	
3MKS68EVMA	20	2.00				2.00 (1.63-2.57)	490 (400- 670)	2.1 (1.7- 2.9)
	25	2.50				2.50 (1.70-3.39)	650 (440- 910)	2.8 (1.9- 3.9)
	35	3.50				3.50 (1.71-4.73)	1,020 (450-1,430)	4.3 (1.9- 6.1)
	50	5.00				5.00 (1.87-5.88)	1,650 (470-2,140)	6.9 (2.0- 9.0)
	60	6.00				6.00 (1.89-6.35)	2,230 (450-2,440)	9.4 (1.9-10.3)
	20+20	2.00	2.00			4.00 (1.82-5.02)	1,100 (430-1,590)	4.6 (1.8- 6.7)
	20+25	2.00	2.50			4.50 (1.83-5.31)	1,340 (440-1,750)	5.6 (1.9- 7.4)
	20+35	2.00	3.50			5.50 (1.92-6.20)	1,860 (450-2,380)	7.8 (1.9-10.0)
	20+50	1.94	4.86			6.80 (1.99-7.10)	2,440 (460-2,510)	10.3 (1.9-10.6)
	20+60	1.70	5.10			6.80 (2.12-7.58)	2,390 (480-2,760)	10.1 (2.0-11.6)
	25							

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
3MXS68EVMA Cooling capacity	20+35+50	1.30	2.27	3.23		6.80 (2.36- 8.37)	2,050 (490-3,120)	8.6 (2.1-13.1)
	25+25+25	2.26	2.26	2.26		6.80 (2.04- 7.45)	2,230 (470-2,580)	9.4 (2.0-10.9)
	25+25+35	2.00	2.00	2.80		6.80 (2.15- 7.79)	2,230 (470-2,860)	9.4 (2.0-12.0)
	25+25+50	1.70	1.70	3.40		6.80 (2.35- 8.27)	2,050 (500-2,960)	8.6 (2.1-12.5)
	25+25+60	1.55	1.55	3.70		6.80 (2.42- 8.53)	2,030 (490-3,180)	8.5 (2.1-13.4)
	25+35+35	1.78	2.51	2.51		6.80 (2.25- 8.11)	2,230 (470-3,200)	9.4 (2.0-13.5)
	25+35+50	1.55	2.16	3.09		6.80 (2.42- 8.53)	2,050 (490-3,250)	8.6 (2.1-13.7)
	35+35+35	2.26	2.26	2.26		6.80 (2.37- 8.44)	2,210 (470-3,330)	9.3 (2.0-14.0)
3MXS68EVMA Heating capacity	20	2.72				2.72 (1.22- 3.88)	790 (370-1,230)	3.4 (1.6- 5.2)
	25	3.40				3.40 (1.23- 4.11)	1,090 (370-1,330)	4.6 (1.6- 5.7)
	35	4.30				4.30 (1.29- 4.47)	1,410 (380-1,560)	5.9 (1.6- 6.6)
	50	7.20				7.20 (1.61- 8.02)	2,420 (400-2,710)	10.2 (1.7-11.4)
	60	7.90				7.90 (1.93- 8.51)	2,510 (430-2,710)	10.6 (1.8-11.4)
	20+20	3.25	3.25			6.50 (1.61- 7.65)	1,830 (400-2,200)	7.7 (1.7- 9.3)
	20+25	3.04	3.81			6.85 (1.61- 7.82)	2,010 (400-2,290)	8.5 (1.7- 9.6)
	20+35	2.71	4.74			7.45 (1.75- 8.35)	2,280 (410-2,570)	9.6 (1.7-10.8)
	20+50	2.46	6.14			8.60 (2.15-10.12)	2,420 (490-2,890)	10.2 (2.1-12.2)
	20+60	2.15	6.45			8.60 (2.43-10.32)	2,310 (540-2,920)	9.7 (2.3-12.3)
	25+25	3.60	3.60			7.20 (1.61- 8.14)	2,200 (400-2,500)	9.3 (1.7-10.5)
	25+35	3.29	4.61			7.90 (1.90- 8.62)	2,560 (430-2,800)	10.8 (1.8-11.8)
	25+50	2.87	5.73			8.60 (2.26-10.23)	2,420 (510-2,930)	10.2 (2.1-12.3)
	25+60	2.53	6.07			8.60 (2.53-10.40)	2,310 (570-2,930)	9.7 (2.4-12.3)
	35+35	4.30	4.30			8.60 (2.13- 8.97)	2,870 (480-3,030)	12.1 (2.0-12.8)
	35+50	3.54	5.06			8.60 (2.50-10.41)	2,410 (570-3,010)	10.1 (2.4-12.7)
	35+60	3.17	5.43			8.60 (2.73-10.56)	2,280 (590-2,920)	9.6 (2.5-12.3)
	50+50	4.30	4.30			8.60 (2.83-10.61)	2,240 (650-2,800)	9.4 (2.7-11.8)
	50+60	3.91	4.69			8.60 (3.04-10.64)	2,150 (640-2,740)	9.0 (2.7-11.5)
	20+20+20	2.63	2.63	2.63		7.89 (1.89-10.03)	2,010 (440-2,640)	8.5 (1.9-11.1)
	20+20+25	2.54	2.54	3.17		8.25 (2.02-10.12)	2,120 (470-2,680)	8.9 (2.0-11.3)
	20+20+35	2.29	2.29	4.02		8.60 (2.27-10.20)	2,300 (500-2,800)	9.7 (2.1-11.8)
	20+20+50	1.91	1.91	4.78		8.60 (2.67-10.47)	2,130 (610-2,620)	9.0 (2.6-11.0)
	20+20+60	1.72	1.72	5.16		8.60 (2.81-10.60)	2,080 (600-2,610)	8.8 (2.5-11.0)
	20+25+25	2.46	3.07	3.07		8.60 (2.15-10.12)	2,300 (480-2,730)	9.7 (2.0-11.5)
	20+25+35	2.15	2.69	3.76		8.60 (2.36-10.20)	2,290 (520-2,800)	9.6 (2.2-11.8)
	20+25+50	1.81	2.26	4.53		8.60 (2.70-10.61)	2,080 (610-2,650)	8.8 (2.6-11.2)
	20+25+60	1.64	2.05	4.91		8.60 (2.93-10.64)	2,060 (630-2,570)	8.7 (2.7-10.8)
	20+35+35	1.92	3.34	3.34		8.60 (2.68-10.41)	2,270 (590-2,840)	9.6 (2.5-12.0)
	20+35+50	1.64	2.87	4.09		8.60 (3.02-10.64)	2,080 (670-2,720)	8.8 (2.8-11.4)
	25+25+25	2.86	2.86	2.86		8.60 (2.26-10.23)	2,300 (500-2,800)	9.7 (2.1-11.8)
	25+25+35	2.53	2.53	3.54		8.60 (2.50-10.41)	2,290 (540-2,880)	9.6 (2.3-12.1)
	25+25+50	2.15	2.15	4.30		8.60 (2.83-10.61)	2,080 (650-2,680)	8.8 (2.7-11.3)
	25+25+60	1.95	1.95	4.70		8.60 (3.04-10.64)	2,040 (660-2,580)	8.6 (2.8-10.9)
	25+35+35	2.26	3.17	3.17		8.60 (2.73-10.56)	2,270 (580-2,880)	9.6 (2.4-12.1)
	25+35+50	1.95	2.74	3.91		8.60 (3.04-10.64)	2,080 (680-2,670)	8.8 (2.9-11.2)
35+35+35	2.86	2.86	2.86		8.60 (3.01-10.62)	2,250 (670-2,940)	9.5 (2.8-12.4)	
4MXS80EVMA Cooling capacity	20	2.00				2.00 (1.80- 2.99)	600 (460-1,070)	2.6 (2.0- 4.5)
	25	2.50				2.50 (1.87- 3.52)	780 (490-1,350)	3.3 (2.1- 5.7)
	35	3.50				3.50 (1.91- 4.85)	1,190 (490-1,570)	5.1 (2.1- 6.7)
	50	5.00				5.00 (2.07- 5.65)	1,670 (470-1,810)	7.1 (2.0- 7.7)
	60	6.00				6.00 (2.17- 6.60)	2,010 (470-2,430)	8.5 (2.0-10.3)
	71	7.10				7.10 (2.28- 7.26)	2,710 (500-2,830)	11.5 (2.1-12.0)
	20+20	2.00	2.00			4.00 (1.97- 5.30)	1,190 (470-1,670)	5.1 (2.0- 7.1)
	20+25	2.00	2.50			4.50 (2.02- 5.73)	1,360 (470-1,810)	5.8 (2.0- 7.7)
	20+35	2.00	3.50			5.50 (2.12- 6.38)	1,810 (470-2,110)	7.7 (2.0- 9.0)
	20+50	2.00	5.00			7.00 (2.27- 7.30)	2,360 (510-2,530)	10.0 (2.2-10.8)
	20+60	1.83	5.48			7.31 (2.41- 7.90)	2,530 (510-2,960)	10.8 (2.2-12.6)
	20+71	1.66	5.90			7.56 (2.56- 8.22)	2,690 (540-3,160)	11.4 (2.3-13.4)
	25+25	2.50	2.50			5.00 (2.07- 6.17)	1,440 (430-2,110)	6.1 (1.8- 9.0)
	25+35	2.50	3.50			6.00 (2.17- 6.60)	2,010 (470-2,370)	8.5 (2.0-10.1)
	25+50	2.40	4.79			7.19 (2.34- 7.59)	2,470 (510-2,770)	10.5 (2.2-11.8)
	25+60	2.18	5.24			7.42 (2.48- 8.03)	2,590 (540-3,030)	11.0 (2.3-12.9)
	25+71	2.00	5.68			7.68 (2.63- 8.22)	2,730 (580-3,160)	11.6 (2.5-13.4)
	35+35	3.50	3.50			7.00 (2.27- 7.27)	2,650 (500-2,830)	11.3 (2.1-12.0)
	35+50	3.06	4.36			7.42 (2.48- 8.01)	2,650 (540-3,030)	11.3 (2.3-12.9)
	35+60	2.82	4.83			7.65 (2.61- 8.54)	2,700 (580-3,560)	11.5 (2.5-15.1)
	35+71	2.61	5.30			7.91 (2.77- 8.23)	2,970 (610-3,160)	12.6 (2.6-13.4)
	50+50	3.88	3.88			7.76 (2.68- 8.76)	2,580 (580-3,240)	11.0 (2.5-13.8)
	50+60	3.64	4.36			8.00 (2.82- 8.79)	2,710 (610-3,250)	11.5 (2.6-13.8)
	50+71	3.31	4.69			8.00 (2.97- 8.99)	2,710 (650-3,390)	11.5 (2.8-14.4)
	60+60	4.00	4.00			8.00 (2.96- 9.00)	2,650 (610-3,390)	11.3 (2.6-14.4)
	60+71	3.66	4.34			8.00 (3.11- 9.02)	2,590 (650-3,390)	11.0 (2.8-14.4)
	71+71	4.00	4.00			8.00 (3.26- 9.04)	2,530 (680-3,400)	10.8 (2.9-14.5)
	20+20+20	2.00	2.00	2.00		6.00 (2.17- 6.63)	1,780 (510-2,090)	7.6 (2.2- 8.9)

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
4MXS80EVMA Cooling capacity	20+20+25	2.00	2.00	2.50		6.50 (2.22-6.95)	2,030 (510-2,310)	8.6 (2.2- 9.8)
	20+20+35	1.92	1.92	3.35		7.19 (2.34-7.61)	2,480 (510-2,720)	10.5 (2.2-11.6)
	20+20+50	1.68	1.68	4.18		7.54 (2.55-8.40)	2,400 (550-2,970)	10.2 (2.3-12.6)
	20+20+60	1.55	1.55	4.67		7.77 (2.68-8.82)	2,530 (580-3,250)	10.8 (2.5-13.8)
	20+20+71	1.44	1.44	5.12		8.00 (2.83-9.03)	2,650 (610-3,400)	11.3 (2.6-14.5)
	20+25+25	2.00	2.50	2.50		7.00 (2.27-7.30)	2,360 (510-2,540)	10.0 (2.2-10.8)
	20+25+35	1.83	2.28	3.20		7.31 (2.41-7.90)	2,540 (510-2,970)	10.8 (2.2-12.6)
	20+25+50	1.61	2.01	4.03		7.65 (2.61-8.62)	2,460 (550-3,110)	10.5 (2.3-13.2)
	20+25+60	1.50	1.88	4.50		7.88 (2.75-8.84)	2,590 (580-3,250)	11.0 (2.5-13.8)
	20+25+71	1.38	1.72	4.90		8.00 (2.90-9.03)	2,650 (610-3,400)	11.3 (2.6-14.5)
	20+35+35	1.68	2.93	2.93		7.54 (2.55-8.23)	2,720 (540-3,160)	11.6 (2.3-13.4)
	20+35+50	1.50	2.63	3.75		7.88 (2.75-8.81)	2,580 (580-3,250)	11.0 (2.5-13.8)
	20+35+60	1.39	2.43	4.18		8.00 (2.89-9.02)	2,590 (610-3,390)	11.0 (2.6-14.4)
	20+35+71	1.27	2.22	4.51		8.00 (3.04-9.07)	2,530 (650-3,400)	10.8 (2.8-14.5)
	20+50+50	1.34	3.33	3.33		8.00 (2.96-9.39)	2,380 (620-3,330)	10.1 (2.6-14.2)
	20+50+60	1.23	3.08	3.69		8.00 (3.09-9.54)	2,320 (650-3,480)	9.9 (2.8-14.8)
	20+50+71	1.13	2.84	4.03		8.00 (3.25-9.60)	2,260 (650-3,490)	9.6 (2.8-14.8)
	20+60+60	1.14	3.43	3.43		8.00 (3.23-9.60)	2,380 (650-3,490)	10.1 (2.8-14.8)
	25+25+25	2.40	2.40	2.40		7.20 (2.34-7.61)	2,480 (510-2,720)	10.5 (2.2-11.6)
	25+25+35	2.18	2.18	3.06		7.42 (2.48-8.05)	2,600 (540-3,030)	11.1 (2.3-12.9)
	25+25+50	1.94	1.94	3.89		7.77 (2.68-8.80)	2,520 (580-3,240)	10.7 (2.5-13.8)
	25+25+60	1.82	1.82	4.36		8.00 (2.82-8.84)	2,650 (610-3,250)	11.3 (2.6-13.8)
	25+25+71	1.65	1.65	4.70		8.00 (2.97-9.03)	2,590 (610-3,400)	11.0 (2.6-14.5)
	25+35+35	2.01	2.82	2.82		7.65 (2.61-8.34)	2,780 (580-3,090)	11.8 (2.5-13.1)
	25+35+50	1.81	2.55	3.64		8.00 (2.82-8.81)	2,710 (610-3,250)	11.5 (2.6-13.8)
	25+35+60	1.67	2.33	4.00		8.00 (2.96-9.02)	2,650 (610-3,390)	11.3 (2.6-14.4)
	25+35+71	1.52	2.14	4.34		8.00 (3.11-9.07)	2,590 (650-3,400)	11.0 (2.8-14.5)
	25+50+50	1.60	3.20	3.20		8.00 (3.03-9.47)	2,380 (620-3,400)	10.1 (2.6-14.5)
	25+50+60	1.48	2.96	3.56		8.00 (3.16-9.58)	2,320 (650-3,480)	9.9 (2.8-14.8)
	25+60+60	1.38	3.31	3.31		8.00 (3.30-9.60)	2,260 (680-3,490)	9.6 (2.9-14.8)
	35+35+35	2.63	2.63	2.63		7.89 (2.75-8.58)	2,900 (610-3,160)	12.3 (2.6-13.4)
	35+35+50	2.33	2.33	3.34		8.00 (2.96-8.99)	2,710 (610-3,390)	11.5 (2.

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
4MXS80EVMA Heating capacity	20	2.44				2.44 (1.31- 4.10)	710 (330-1,290)	3.0 (1.4- 5.5)
	25	3.05				3.05 (1.36- 4.55)	930 (350-1,390)	4.0 (1.5- 5.9)
	35	4.27				4.27 (1.48- 4.94)	1,510 (360-1,790)	6.4 (1.5- 7.6)
	50	6.09				6.09 (1.90- 6.92)	1,830 (440-2,230)	7.8 (1.9- 9.5)
	60	7.31				7.31 (2.19- 7.92)	2,320 (580-2,630)	9.9 (2.5-11.2)
	71	8.65				8.65 (2.50- 8.70)	2,940 (620-2,970)	12.5 (2.6-12.6)
	20+20	2.44	2.44			4.88 (1.62- 6.55)	1,240 (360-1,850)	5.3 (1.5- 7.9)
	20+25	2.44	3.05			5.49 (1.76- 6.85)	1,430 (400-1,930)	6.1 (1.7- 8.2)
	20+35	2.44	4.26			6.70 (2.05- 7.35)	1,970 (460-2,260)	8.4 (2.0- 9.6)
	20+50	2.44	6.09			8.53 (2.47- 8.53)	2,400 (560-2,400)	10.2 (2.4-10.2)
	20+60	2.32	6.95			9.27 (2.74- 9.35)	2,590 (600-2,640)	11.0 (2.6-11.2)
	20+71	2.11	7.49			9.60 (3.04-10.02)	2,630 (640-2,840)	11.2 (2.7-12.1)
	25+25	3.04	3.04			6.08 (1.90- 6.92)	1,790 (440-2,170)	7.6 (1.9- 9.2)
	25+35	3.05	4.26			7.31 (2.19- 8.24)	2,260 (580-2,670)	9.6 (2.5-11.4)
	25+50	2.98	5.95			8.93 (2.61- 9.14)	2,550 (580-2,660)	10.8 (2.5-11.3)
	25+60	2.82	6.78			9.60 (2.88- 9.77)	2,810 (620-2,940)	11.9 (2.6-12.5)
	25+71	2.50	7.10			9.60 (3.17-10.02)	2,660 (670-2,880)	11.3 (2.8-12.2)
	35+35	4.26	4.26			8.52 (2.47- 8.87)	2,870 (630-3,110)	12.2 (2.7-13.2)
	35+50	3.95	5.65			9.60 (2.88- 9.74)	2,810 (630-2,870)	11.9 (2.7-12.2)
	35+60	3.54	6.06			9.60 (3.15-10.00)	2,640 (650-2,850)	11.2 (2.8-12.1)
	35+71	3.17	6.43			9.60 (3.45-10.03)	2,580 (720-2,780)	11.0 (3.1-11.8)
	50+50	4.80	4.80			9.60 (3.28-10.27)	2,440 (630-2,760)	10.4 (2.7-11.7)
	50+60	4.36	5.24			9.60 (3.55-10.31)	2,430 (670-2,740)	10.3 (2.8-11.6)
	50+71	3.97	5.63			9.60 (3.85-10.34)	2,420 (710-2,730)	10.3 (3.0-11.6)
	60+60	4.80	4.80			9.60 (3.82-10.35)	2,460 (710-2,780)	10.5 (3.0-11.8)
	60+71	4.40	5.20			9.60 (4.12-10.38)	2,450 (760-2,770)	10.4 (3.2-11.8)
	71+71	4.80	4.80			9.60 (4.42-10.41)	2,390 (830-2,700)	10.2 (3.5-11.5)
	20+20+20	2.43	2.43	2.43		7.29 (2.19- 8.05)	1,870 (510-2,170)	8.0 (2.2- 9.2)
	20+20+25	2.44	2.44	3.04		7.92 (2.33- 8.64)	2,080 (530-2,360)	8.8 (2.3-10.0)
	20+20+35	2.38	2.38	4.17		8.93 (2.61- 9.37)	2,430 (580-2,640)	10.3 (2.5-11.2)
	20+20+50	2.13	2.13	5.34		9.60 (3.01-10.32)	2,420 (580-2,740)	10.3 (2.5-11.6)
	20+20+60	1.92	1.92	5.76		9.60 (3.28-10.35)	2,410 (610-2,720)	10.2 (2.6-11.6)
	20+20+71	1.73	1.73	6.14		9.60 (3.58-10.39)	2,400 (660-2,710)	10.2 (2.8-11.5)
	20+25+25	2.43	3.05	3.05		8.53 (2.47- 8.64)	2,290 (560-2,340)	9.7 (2.4- 9.9)
	20+25+35	2.31	2.90	4.06		9.27 (2.74- 9.37)	2,560 (600-2,610)	10.9 (2.6-11.1)
	20+25+50	2.02	2.53	5.05		9.60 (3.15-10.32)	2,420 (600-2,740)	10.3 (2.6-11.6)
	20+25+60	1.82	2.29	5.49		9.60 (3.42-10.35)	2,410 (640-2,720)	10.2 (2.7-11.6)
	20+25+71	1.65	2.07	5.88		9.60 (3.72-10.39)	2,400 (680-2,710)	10.2 (2.9-11.5)
	20+35+35	2.14	3.73	3.73		9.60 (3.01-10.01)	2,580 (620-2,790)	11.0 (2.6-11.9)
	20+35+50	1.83	3.20	4.57		9.60 (3.42-10.32)	2,420 (640-2,740)	10.3 (2.7-11.6)
	20+35+60	1.67	2.92	5.01		9.60 (3.69-10.36)	2,410 (680-2,720)	10.2 (2.9-11.6)
	20+35+71	1.52	2.67	5.41		9.60 (3.99-10.39)	2,400 (730-2,710)	10.2 (3.1-11.5)
	20+50+50	1.60	4.00	4.00		9.60 (3.82-10.64)	2,260 (640-2,670)	9.6 (2.7-11.4)
	20+50+60	1.48	3.69	4.43		9.60 (4.09-10.67)	2,250 (700-2,660)	9.6 (3.0-11.3)
	20+50+71	1.37	3.40	4.83		9.60 (4.39-10.71)	2,240 (740-2,640)	9.5 (3.1-11.2)
	20+60+60	1.38	4.11	4.11		9.60 (4.36-10.71)	2,230 (740-2,640)	9.5 (3.1-11.2)
	25+25+25	2.97	2.97	2.97		8.91 (2.61- 9.55)	2,480 (580-2,740)	10.5 (2.5-11.6)
	25+25+35	2.82	2.82	3.96		9.60 (2.88- 9.78)	2,690 (620-2,790)	11.4 (2.6-11.9)
	25+25+50	2.40	2.40	4.80		9.60 (3.28-10.32)	2,420 (620-2,740)	10.3 (2.6-11.6)
	25+25+60	2.18	2.18	5.24		9.60 (3.55-10.35)	2,410 (660-2,720)	10.2 (2.8-11.6)
	25+25+71	1.98	1.98	5.64		9.60 (3.85-10.39)	2,400 (700-2,710)	10.2 (3.0-11.5)
	25+35+35	2.52	3.54	3.54		9.60 (3.15-10.01)	2,580 (640-2,790)	11.0 (2.7-11.9)
	25+35+50	2.19	3.05	4.36		9.60 (3.55-10.32)	2,420 (670-2,740)	10.3 (2.8-11.6)
	25+35+60	2.00	2.80	4.80		9.60 (3.82-10.36)	2,410 (710-2,720)	10.2 (3.0-11.6)
	25+35+71	1.84	2.56	5.20		9.60 (4.12-10.39)	2,400 (750-2,710)	10.2 (3.2-11.5)
	25+50+50	1.92	3.84	3.84		9.60 (3.96-10.64)	2,260 (680-2,670)	9.6 (2.9-11.4)
	25+50+60	1.77	3.56	4.27		9.60 (4.23-10.67)	2,250 (730-2,660)	9.6 (3.1-11.3)
	25+60+60	1.66	3.97	3.97		9.60 (4.50-10.71)	2,230 (770-2,640)	9.5 (3.3-11.2)
	35+35+35	3.20	3.20	3.20		9.60 (3.42-10.02)	2,580 (690-2,790)	11.0 (2.9-11.9)
	35+35+50	2.80	2.80	4.00		9.60 (3.82-10.33)	2,420 (710-2,730)	10.3 (3.0-11.6)
	35+35+60	2.58	2.58	4.44		9.60 (4.09-10.37)	2,400 (760-2,720)	10.2 (3.2-11.6)
	35+35+71	2.38	2.38	4.84		9.60 (4.39-10.40)	2,390 (800-2,710)	10.2 (3.4-11.5)
	35+50+50	2.48	3.56	3.56		9.60 (4.23-10.64)	2,260 (730-2,670)	9.6 (3.1-11.4)
	35+50+60	2.32	3.31	3.97		9.60 (4.50-10.68)	2,250 (780-2,650)	9.6 (3.3-11.3)
	20+20+20+20	2.32	2.32	2.32	2.32	9.28 (2.74- 9.45)	2,410 (510-2,510)	10.2 (2.2-10.7)
	20+20+20+25	2.26	2.26	2.26	2.82	9.60 (2.88- 9.60)	2,510 (550-2,510)	10.7 (2.3-10.7)
	20+20+20+35	2.02	2.02	2.02	3.54	9.60 (3.15-10.37)	2,410 (590-2,720)	10.2 (2.5-11.6)
	20+20+20+50	1.75	1.75	1.75	4.35	9.60 (3.55-10.68)	2,250 (580-2,650)	9.6 (2.5-11.3)
	20+20+20+60	1.60	1.60	1.60	4.80	9.60 (3.82-10.72)	2,230 (620-2,640)	9.5 (2.6-11.2)
	20+20+20+71	1.47	1.47	1.47	5.19	9.60 (4.12-10.75)	2,220 (690-2,630)	9.4 (2.9-11.2)
	20+20+25+25	2.13	2.13	2.67	2.67	9.60 (3.01-10.36)	2,410 (570-2,720)	10.2 (2.4-11.6)
20+20+25+35	1.92	1.92	2.40	3.36	9.60 (3.28-10.37)	2,410 (610-2,720)	10.2 (2.6-11.6)	
20+20+25+50	1.67	1.67	2.09	4.17	9.60 (3.69-10.68)	2,250 (610-2,650)	9.6 (2.6-11.3)	

240 V, 50 Hz

Outdoor unit	Combinations of indoor units	Capacity of each indoor unit (kW)				Total capacity (kW) Rated (Min.-Max.)	Total power consumption (W) Rated (Min.-Max.)	Total current (A) Rated (Min.-Max.)
		A room	B room	C room	D room			
4MXS80EVMA Heating capacity	20+20+25+60	1.54	1.54	1.92	4.60	9.60 (3.96-10.72)	2,230 (640-2,640)	9.5 (2.7-11.2)
	20+20+25+71	1.41	1.41	1.76	5.02	9.60 (4.26-10.75)	2,220 (710-2,630)	9.4 (3.0-11.2)
	20+20+35+35	1.75	1.75	3.05	3.05	9.60 (3.55-10.38)	2,400 (660-2,720)	10.2 (2.8-11.6)
	20+20+35+50	1.54	1.54	2.69	3.83	9.60 (3.96-10.69)	2,240 (670-2,650)	9.5 (2.8-11.3)
	20+20+35+60	1.42	1.42	2.49	4.27	9.60 (4.23-10.73)	2,230 (720-2,640)	9.5 (3.1-11.2)
	20+20+50+50	1.37	1.37	3.43	3.43	9.60 (4.36-11.00)	2,090 (660-2,590)	8.9 (2.8-11.0)
	20+25+25+25	2.01	2.53	2.53	2.53	9.60 (3.15-10.36)	2,410 (590-2,720)	10.2 (2.5-11.6)
	20+25+25+35	1.82	2.29	2.29	3.20	9.60 (3.42-10.37)	2,410 (640-2,720)	10.2 (2.7-11.6)
	20+25+25+50	1.60	2.00	2.00	4.00	9.60 (3.82-10.68)	2,250 (630-2,650)	9.6 (2.7-11.3)
	20+25+25+60	1.47	1.85	1.85	4.43	9.60 (4.09-10.72)	2,230 (690-2,640)	9.5 (2.9-11.2)
	20+25+25+71	1.37	1.70	1.70	4.83	9.60 (4.39-10.75)	2,220 (740-2,630)	9.4 (3.1-11.2)
	20+25+35+35	1.67	2.09	2.92	2.92	9.60 (3.69-10.38)	2,400 (680-2,720)	10.2 (2.9-11.6)
	20+25+35+50	1.48	1.85	2.58	3.69	9.60 (4.09-10.69)	2,240 (700-2,650)	9.5 (3.0-11.3)
	20+25+35+60	1.38	1.71	2.40	4.11	9.60 (4.36-10.73)	2,230 (740-2,640)	9.5 (3.1-11.2)
	20+25+50+50	1.32	1.66	3.31	3.31	9.60 (4.50-11.00)	2,090 (710-2,590)	8.9 (3.0-11.0)
	20+35+35+35	1.53	2.69	2.69	2.69	9.60 (3.96-10.38)	2,400 (730-2,710)	10.2 (3.1-11.5)
	20+35+35+50	1.37	2.40	2.40	3.43	9.60 (4.36-10.70)	2,240 (750-2,650)	9.5 (3.2-11.3)
	25+25+25+25	2.40	2.40	2.40	2.40	9.60 (3.28-10.36)	2,410 (610-2,720)	10.2 (2.6-11.6)
	25+25+25+35	2.18	2.18	2.18	3.06	9.60 (3.55-10.37)	2,410 (660-2,720)	10.2 (2.8-11.6)
	25+25+25+50	1.92	1.92	1.92	3.84	9.60 (3.96-10.68)	2,250 (680-2,650)	9.6 (2.9-11.3)
	25+25+25+60	1.78	1.78	1.78	4.26	9.60 (4.23-10.72)	2,230 (720-2,640)	9.5 (3.1-11.2)
	25+25+35+35	2.00	2.00	2.80	2.80	9.60 (3.82-10.38)	2,400 (710-2,720)	10.2 (3.0-11.6)
	25+25+35+50	1.78	1.78	2.49	3.55	9.60 (4.23-10.69)	2,240 (720-2,650)	9.5 (3.1-11.3)
	25+25+35+60	1.66	1.66	2.32	3.96	9.60 (4.50-10.73)	2,230 (770-2,640)	9.5 (3.3-11.2)
	25+35+35+35	1.86	2.58	2.58	2.58	9.60 (4.09-10.38)	2,400 (760-2,710)	10.2 (3.2-11.5)
	25+35+35+50	1.65	2.32	2.32	3.31	9.60 (4.50-10.70)	2,240 (770-2,650)	9.5 (3.3-11.3)
	35+35+35+35	2.40	2.40	2.40	2.40	9.60 (4.36-10.39)	2,400 (810-2,710)	10.2 (3.4-11.5)

- Notes: 1. Cooling operation data is based on the following conditions: indoor temp. 27 °CDB, 19 °CWB; outdoor temp. 35 °CDB.
 2. Heating operation data is based on the following conditions: indoor temp. 20 °CDB; outdoor temp. 7 °CDB, 6 °CWB.
 3. Total capacity of connected indoor units is: up to 9.0 kW to the 3MXS52E; up to 11.0 kW to the 3MXS68E; up to 14.5 kW to the 4MXS80E.
 4. A single indoor unit cannot be connected.