



HEATING AND COOLING SOLUTIONS

# MULTI SPLIT

SMALL | MEDIUM | LARGE CAPACITY



## MITSUBISHI HEAVY INDUSTRIES AIR-CONDITIONERS AUSTRALIA

Mitsubishi Heavy Industries Air-Conditioners Australia PTY LTD (MHIAA) is one of Australia's leading suppliers of premium residential and commercial air conditioning systems. Delivering engineering excellence for over 130 years, the Mitsubishi Heavy Industries brand is instantly recognisable for quality and technological advancement. With innovation central to both the organisation and the development of air conditioning systems, Mitsubishi Heavy Industries carries a strong philosophy of engineering products that are designed to improve the lives of those who use them and, at the same time, create a sustainable future for our company and the world we live in.

## BRAND AMBASSADOR TARA DENNIS

Interior designer and Television presenter Tara Dennis joins Mitsubishi Heavy Industries Air-Conditioners Australia as the brand's first ambassador to Australia and New Zealand. With extensive experience in home decoration and design, Tara represents the home renovator looking to improve the design of their homes. "As someone who has a passion for styling and renovating you want to push the boundaries and create a space that people love being in. Mitsubishi Heavy Industries Air-Conditioners Australia is the perfect extension of this and a brand that I am proud to be supporting"

*Tara Dennis*





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# MULTI SPLIT SYSTEMS

Mitsubishi Heavy Industries multi split systems use our state of the art advanced technologies to offer a complete and flexible heating and cooling solution for residential and commercial applications.

## INDIVIDUAL TEMPERATURE CONTROL

A multi split system provides individual control of each room's climate. To provide maximum comfort, the indoor units can be individually turned on or off and have the temperature and other features adjusted as needed.

## SPACE SAVING DESIGN

Mitsubishi Heavy Industries multi splits systems allow multiple indoor units to be connected to one outdoor unit. This allows multiple rooms to be conditioned without the need for multiple outdoor units to be added to the exterior of your home.

## VARIETY OF INDOOR UNITS

With over a hundred combinations possible, select the unit type, size and capacity that best suits the interior and size of each room in your home.



## VERSATILE APPLICATION

With the ability to connect from 2 to up to 6 indoor units the application range of the Mitsubishi Heavy Industries multi split is truly versatile to best meet your individual needs.

## ENERGY EFFICIENCY

With the ability to heat or cool only selected rooms with each use instead of your whole house, the multi split systems provide users with an energy efficient air conditioning solution.



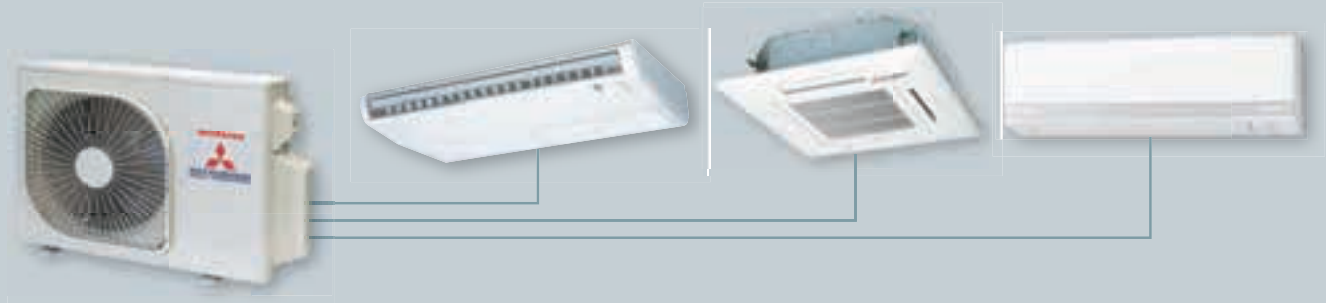


# SCM RANGE

SMALL TO MEDIUM CAPACITY

# SCM-ZS SERIES

Up to 3 units connection



Note: For illustration purposes only

SCM-ZS-S SERIES		SCM40ZS-S	SCM45ZS-S	SCM50ZS-S1
Cooling Capacity	kW	4.0 (1.8~5.9)	4.5(1.5~6.4)	5.0 (1.8~7.1)
Heating Capacity	kW	4.5 (1.4~6.9)	5.3(1.2~6.5)	6.0 (1.4~7.5)
Max Indoor Unit Connection		2 Units	2 Units	2 to 3 Units

# SCM-ZM SERIES

Up to 6 units connection



Note: For illustration purposes only

SCM-ZM-S		SCM60ZM-S1	SCM71ZM-S1	SCM80ZM-S1	SCM100ZM-S	SCM125ZM-S
Cooling Capacity	kW	6.0(1.8~7.5)	7.1 (1.8~8.8)	8.0 (1.8~9.2)	10 (1.8~12.0)	12.5 (1.8~14.0)
Heating Capacity	kW	6.8 (1.5~7.8)	8.6 (1.5~9.4)	9.3 (1.5~9.8)	12 (1.5~13.5)	13.5 (1.5~14.0)
Max Indoor Unit Connection		2 to 3 Units	2 to 4 Units	2 to 4 Units	2 to 5 Units	2 to 6 Units

# INDOOR UNITS

## SCM Range



SRK25-50ZMA-S



SRK71ZMA-S

## SRK-ZMA Series

### Wall Mounted

2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
●	●	●	●		●

- Reverse Cycle
- Multiple Programmable Timers
- Allergen Clear Operation
- Wi-Fi Control\*

## SRK-ZMXA Series

### Wall Mounted



2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
●	●	●	●	●	

- Reverse Cycle
- Multiple Programmable Timers
- Allergen Clear Operation
- Wi-Fi Control\*

## SRF-ZMXA Series

### Floor Standing



2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
	●	●	●		

- Reverse Cycle
- Multiple Programmable Timers
- Air Outlet Selection
- Wi-Fi Control\*

## SRR-ZM Series

### Ceiling Concealed



2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
	●	●	●	●	

- Reverse Cycle
- 200mm Compact Design
- Built-in Drain Pump
- Wi-Fi Control\*

\*Wi-Fi adaptor required. Sold separately.





## FDTC-VF Series

### Ceiling Cassette

2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
	•	•	•	•	

- Reverse Cycle
- 600mm Built-in Drain Pump
- 15 kg Lightweight Design
- Wi-Fi Control\*



## FDUM-VF Series

### Duct Connected

2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
			•		

- Reverse Cycle
- 600mm Built-in Drain Pump
- Multiple Programmable Timers
- Wi-Fi Control\*



## FDE-VG Series

### Ceiling Suspended

2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	7.1kW
			•		

- Reverse Cycle
- Louvre Position Control
- Multiple Programmable Timers
- Wi-Fi Control\*

\*Wi-Fi adaptor required. Sold separately.

# FEATURES AND FUNCTIONS

## Indoor Units - SCM Range

FUNCTION		DESCRIPTION	SRR-ZM	SRK-ZMA	SRK-ZMXA	SRF-ZMXA	
ENERGY SAVING	 Fuzzy Auto Mode	Using fuzzy logic algorithms, the unit determines the operating mode, temperature settings and automatically adjusts the inverter frequency accordingly.	●	●	●		
	 Auto Operation	The unit will automatically select from heating, cooling or dry operation mode.	●	●	●	●	
	 Economy Mode	The unit operates at a slightly reduced capacity to reduce power consumption.	●	●	●	●	
Airflow	 High Power Operation	Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation. Perfect for when you first turn on the unit.	●	●		●	
	 3D Auto	Activates three independent motors which effectively and efficiently distributes an even airflow.		●	●		
	 Auto Louvre Mode	Depending on whether the unit is in heating or cooling mode this will automatically set the louvre at the optimum angle for even air distribution.		●		●	
	 Memory Louvre	Set the louvre at the desired angle. The unit will automatically return the louvres to this position on every subsequent start up.		●	●	●	
	 Up/Down Louvre Swing	The horizontal louvres will automatically swing up and down for even air distribution.		●	●	●	
	 Right/Left Louvre Swing	The vertical louvres will automatically swing left and right for even air distribution.		●	●	●	
	 Air Outlet Selection	Select whether the airflow is distributed via the upper outlet, the lower outlet or both.				●	
	 Positioning of Installation	Manually set the horizontal airflow direction to ensure even air distribution in situations where the indoor unit is installed in close proximity to a wall.		●	●		
	Clean Air	 Allergen Clear Operation	Multi-stage operation that activates enzymes in the specially designed filter, neutralising and suppressing airborne allergens such as pollen, dust and hair captured on the allergen filter.		●	●	
		 Self-Clean Operation	Dries the indoor unit components by running the fan on ultra-low mode, preventing the growth of mould. Designed to be run regularly after use.		●	●	●
 Photocatalytic Washable Deodorizing Filter		Easy to clean filter that catches airborne particles before neutralising the odour causing molecules within them.		●	●	●	
 Removable Cover Panel		Removable front cover allowing access for easy cleaning and maintenance.		●	●	●	
Comfort & Convenience	 Dry Operation	Reduces humidity by removing moisture from the air without affecting the indoor temperature.	●	●	●	●	
	 Silent Operation	Set periods of time where the unit will operate with reduced noise levels, perfect for night time and an uninterrupted sleep.	●	●	●		
	 Night Setback	Designed for the colder seasons, this function ensures the room temperature is kept at around 10°C, even while unoccupied.	●	●	●		
	 Weekly Timer	Set up to 4 timer operations a day (max 28 per week). Once set, the unit will turn on and off at the specified times of the day repeatedly.		●	●		
	 Sleep Timer	Set a pre-determined amount of time between 30 and 240 mins that your unit will operate for before switching off.		●	●		
	 On/Off Timer	Set your unit to turn on and off once, at specific times, within a 24 hour period. Unit will then turn on and off at the specified times every day.	●	●	●	●	
	 Auto Operation	The unit will automatically select from heating, cooling or dry operation mode.	●			●	
	 Sleep Mode	During sleep mode, the unit will automatically control the temperature of the room to ensure that it does not get too hot or cold.	●			●	
Maintenance & Prevention	 Microcomputer-Operated Defrosting	Automatically activated during low ambient temperatures to prevent the frosting of the outdoor heat exchanger.	●	●	●	●	
	 Self-Diagnostic Function	In the unlikely event of a fault the internal microcomputer automatically runs a diagnostic of the system. This enables a service agent to quickly isolate and repair any issues.	●	●	●	●	
	 Back-up Switch	If the remote control fails, the unit can be operated via an on/off switch on the indoor unit.	●	●	●	●	
	 Auto Restart Function	If there is a temporary loss of power, the unit will automatically restart in the same operating mode it was in when power is restored.	●	●	●	●	



	FUNCTION	DESCRIPTION	FDTC-VF	FDUM-VF	FDE-VG
Energy Saving	Set Temperature Auto Return*	Program a preferred set temperature that the unit will return to each time it is switched on.	●	●	●
	Home Leave Operation*	This function ensures that when the room is unoccupied for long periods of time, the unit will maintain a moderate indoor temperature, avoiding extremely hot or cool temperatures.	●	●	●
Airflow	Louvre Control System	Set the upper and lower limit positions of each individual louvre, providing you with complete control over internal airflow.	●		●
	Automatic Fan Speed	The unit's on-board microcomputer continuously monitors the room's air temperature and adjusts the fan speed accordingly.	●	●	●
	Vertical Auto Swing	The vertical louvres will move up and down continuously during operation. This function allows you to set the up/down swing position of the louver to your preferred operation angle.	●		●
Clean Air	Air Filter	Traps and removes air borne dust particles and other allergens, providing you with clean air throughout your home.	●	●	●
	Filter Sign	Alerts you to when the filter needs to be cleaned.	●	●	●
	Outside Air Intake	Draws in fresh air from outside the building before distributing this within the system, avoiding constant recycling of internal air and ensuring clean and fresh air within your home.	●	●	
Comfort & Convenience	High Power Operation*	Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation. Perfect for when you first turn on it the unit.	●	●	●
	Silent Operation	This function allows you to program periods where the unit will operate with reduced noise levels, perfect for night time and an uninterrupted sleep.	●	●	●
	Automatic Operation	Automatically selects the required heating or cooling function based on the current room conditions and set temperature.	●	●	●
	Weekly Timer	Set your unit to turn on and off at specific times for each day of the week to suit your needs.	●	●	●
	Sleep Timer	This function allows you to set a pre-determined amount of time between 30 and 240 mins that your unit will operate for before switching off.	●	●	●
	Peak-Cut Timer*	This function lets you preset the capacity limit during certain periods of the day, minimising energy consumption during peak billing times, thus reducing operation costs.	●	●	●
	Function Switch*	From the six available functions on the unit, this function allows you to set two functions to operate automatically. (Note: this is not available when a centralised remote control is connected).	●	●	●
Maintenance	Self Diagnostics	In the unlikely event of a fault the internal microcomputer automatically runs a diagnostic of the system. This enables a service agent to quickly isolate and repair any issues.	●	●	●
	Improved Serviceability	The fan unit (comprised of impeller and motor) is easily accessible from either the side or bottom of the unit and can be slid out for easy maintenance.		●	
	Built in Drain Pump	The built-in drain pump allows greater flexibility with installation, offering a perfect solution for applications with limited space.	●	●	

Note: can only be enabled using the RC-EX3 wired controller.

# COMPATIBILITY MATRIX

## SCM Range

INDOOR UNITS			WALL MOUNTED								
			SRK-ZMA Series				SRK-ZMXA Series				
											
			2.0 kW	2.5 kW	3.5 kW	5.0 kW	7.1 kW*	2.0 kW	2.5 kW	3.5 kW	5.0 kW
SCM-ZS Series	SCM40ZS-S 4.0 kW		●	●	●			●	●	●	
	SCM45ZS-S 4.5 kW		●	●	●			●	●	●	
	SCM50ZS-S1		●	●	●	●		●	●	●	●
SCM-ZM Series	SCM60ZM-S1 6.0 kW		●	●	●	●		●	●	●	●
	SCM71ZM-S1 7.1 kW		●	●	●	●		●	●	●	●
	SCM80ZM-S1 8.0 kW		●	●	●	●		●	●	●	●
	*SCM100ZM-S 10.0 kW		●	●	●	●	●**	●	●	●	●
	*SCM125ZM-S 12.5 kW		●	●	●	●	●**	●	●	●	●

Note: 7.1 kW model has a different indoor unit design. Please refer to technical specifications on p.25

\* For combinations with SRK-ZMXA-S, SRK71ZMA-S, FDE50VG, 3 indoor units can be connected e.g. 3 x SRK-ZMXA-S or 3 x FDE50VG or a combination of any of these three product series.

\*\* For combinations with SRK71ZMA-S, two indoor units can be connected i.e. 2 x SRK71ZMA-S



CEILING CONCEALED					FLOOR STANDING			CEILING CASSETTE				DUCTED	CEILING SUSPENDED
SRR-ZM Series					SRF-ZMXA Series			FDTC-VF Series				FDUM-VF Series	FDE-VG Series
													
6.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	2.5 kW	3.5 kW	5.0 kW	2.5 kW	3.5 kW	5.0 kW	6.0 kW	5.0 kW	5.0 kW
	●	●			●	●		●	●				
	●	●			●	●		●	●				
	●	●	●		●	●	●	●	●	●		●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●	●	●	●



# VRF RANGE

LARGE CAPACITY

# KX6 MICRO SERIES

Up to 8 units connection



Note: For illustration purposes only

KX6 MICRO SERIES		FDC112KXEN6 / FDC112KXES6	FDC140KXEN6 / FDC140KXES6	FDC155KXEN6 / FDC155KXES6
		1 phase / 3 phase	1 phase / 3 phase	1 phase / 3 phase
Cooling Capacity	kW	11.2	14.0	15.5
Heating Capacity	kW	12.5	16.0	16.3
Max Indoor Unit Connection		6 units	8 units	8 units

# KXZPE1 LITE SERIES

Up to 8 units connection



Note: For illustration purposes only

KXZPE1 LITE SERIES		FDC224KXZPE1	FDC280KXZPE1
Cooling Capacity	kW	22.4	28.0
Heating Capacity	kW	22.4	28.0
Max Indoor Unit Connection		8 units	8 units

# INDOOR UNITS

VRF Range



## FDK-KXZE1 Series

Wall Mounted

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
●	●	●	●	●	●	●	●					

- Reverse Cycle
- Stylish European Design
- Jet Air Technology
- Wi-Fi Control\*



## FDU-KXE6F, FDU-KXZE1 Series

Duct Connected (High Static Pressure)

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
				●	●	●	●	●	●	●	●	●

- Reverse Cycle
- Multiple Programmable Timers
- Quiet Operation
- Wi-Fi Control\*



## FDUM-KXE6F Series

Duct Connected (Low / Medium Static Pressure)

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
	●	●	●	●	●	●	●	●	●	●		

- Reverse Cycle
- Automatic ESP\* Control
- Optional Air Filter Kit
- Wi-Fi Control\*

\*Note: External Static Pressure



## FDUT-KXE6F Series

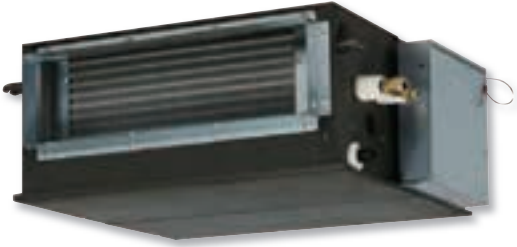
Duct Connected (Low Static Pressure)

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
●	●	●	●	●	●	●						

- Reverse Cycle
- 200mm Compact Design
- Quiet Operation
- Wi-Fi Control\*

\*Wi-Fi adaptor required. Sold separately.





## FDUH-KXE6F Series

Duct Connected

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
		•	•	•								

- Reverse Cycle
- Stylish European Design
- Quiet Operation
- Wi-Fi Control\*



## FDT-KXZE1 Series

Ceiling Cassette

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
		•	•	•	•	•	•	•	•	•		

- Reverse Cycle
- Draught Control Technology
- Allergen Clear Operation
- Wi-Fi Control\*

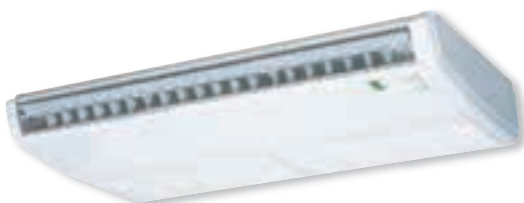


## FDTC-KXZE1 Series

Compact Ceiling Cassette

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
•	•	•	•	•	•							

- Reverse Cycle
- Individual Flap Control
- Quiet Operation
- Wi-Fi Control\*



## FDE-KXZE1 Series

Ceiling Suspended

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
			•	•	•	•		•	•			

- Reverse Cycle
- Louvre Position Control
- Multiple Programmable Timers
- Wi-Fi Control\*

\*Wi-Fi adaptor required. Sold separately.

# INDOOR UNITS

VRF Range



## FDFW-KXE6F Series

Floor Standing

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
		•		•	•							

- Reverse Cycle
- Auto Air Outlet Selection
- Quiet Operation
- Wi-Fi Control\*



## FDFL-KXE6F Series

Floor Standing (with casing)

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
						•						

- Reverse Cycle
- Multiple Programmable Timers
- Air Filter
- Wi-Fi Control\*



## FDFU-KXE6F Series

Floor Standing (without casing)

1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Capacity (kW)												
		•		•	•	•						

- Reverse Cycle
- Multiple Programmable Timers
- Air Filter
- Wi-Fi Control\*

\*Wi-Fi adaptor required. Sold separately.

# FEATURES AND FUNCTIONS



## Indoor Units - VRF Range

Function		Description	FDK	FDU	FDUM	FDUT	FDUH	FDT	FDTC	FDE	FDFW	FDL	FDU	
Energy Saving	Set Temperature Auto Return*	Program a preferred set temperature that the unit will return to each time it is switched on.	●	●	●	●	●	●	●	●	●	●	●	
	Home Leave Operation *	This function ensures that when the room is unoccupied for long periods of time, the unit will maintain a moderate indoor temperature, avoiding extremely hot or cool temperatures.	●	●	●	●	●	●	●	●	●	●	●	
Airflow	Louvre Control System	Set the upper and lower limit positions of each individual louvre, providing you with complete control over internal airflow.	●					●	●	●	●			
	Automatic Fan Speed	The unit's on-board microcomputer continuously monitors the room's air temperature and adjusts the fan speed accordingly.	●	●	●	●	●	●	●	●	●	●	●	
	Air Outlet Selection	Select whether the airflow is distributed via the upper outlet, the lower outlet or both.									●			
	3D Auto	Activates three independent motors which effectively and efficiently distributes an even airflow.	●											
	Vertical Auto Swing	The vertical louvres will move up and down continuously during operation. This function allows you to set the up/down swing position of the louver to your preferred operation angle.	●					●	●	●	●			
Clean Air	Allergen Clear Operation	Multi-stage operation that activates enzymes in the specially designed filter, neutralising and suppressing airborne allergens such as pollen, dust and hair captured on the allergen filter.	●											
	Air Filter	Traps and removes air borne dust particles and other allergens, providing you with clean air throughout your home.	●		●	●	●	●	●	●	●	●	●	
	Filter Sign	Alerts you to when the filter needs to be cleaned.	●	●	●	●	●	●	●	●	●	●	●	
	Outside Air Intake	Draws in fresh air from outside the building before distributing this within the system, avoiding constant recycling of internal air and ensuring clean and fresh air within your home.		●	●	●	●	●	●	●				
Comfort & Convenience	High Power Operation *	Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation. Perfect for when you first turn on it the unit.	●	●	●	●	●	●	●	●	●	●	●	
	Silent Operation	This function allows you to program periods where the unit will operate with reduced noise levels, perfect for night time and an uninterrupted sleep.	●	●	●	●	●	●	●	●	●	●	●	
	Automatic Operation	Automatically selects the required heating or cooling function based on the current room conditions and set temperature.	●	●	●	●	●	●	●	●	●	●	●	
	Weekly Timer	Set your unit to turn on and off at specific times for each day of the week to suit your needs.	●	●	●	●	●	●	●	●	●	●	●	
	Sleep Timer	This function allows you to set a pre-determined amount of time between 30 and 240 mins that your unit will operate for before switching off.	●	●	●	●	●	●	●	●	●	●	●	
	Peak-Cut Timer*	This function lets you preset the capacity limit during certain periods of the day, minimising energy consumption during peak billing times, thus reducing operation costs.	●	●	●	●	●	●	●	●	●	●	●	
	Function Switch*	From the six available functions on the unit, this function allows you to set two functions to operate automatically. (Note: this is not available when a centralised remote control is connected).	●	●	●	●	●	●	●	●	●	●	●	
Maintenance	Self Diagnostics	In the unlikely event of a fault the internal microcomputer automatically runs a diagnostic of the system. This enables a service agent to quickly isolate and repair any issues.	●	●	●	●	●	●	●	●	●	●	●	
	Built in Drain Pump	The built-in drain pump allows greater flexibility with installation, offering a perfect solution for applications with limited space.		●	●	●	●	●	●					

Note: \*can only be enabled using the RC-EX3 wired controller.

# COMPATIBILITY MATRIX

## VRF Range

OUTDOOR UNITS		COMPATIBILITY
KXZPE1 LITE SERIES		Compatible with 1.5 - 28.0 kW indoor unit models
KX6 MICRO SERIES		Compatible with 1.5 - 16.0 kW indoor unit models

INDOOR UNITS			1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4	28.0
Wall Mounted	FDK-KXZE1		●	●	●	●	●	●	●	●					
	FDU-KXE6F / KXZE1						●	●	●	●	●	●	●	●	●
Duct Connected	FDUM-KXE6F			●	●	●	●	●	●	●	●	●	●		
	FDUT-KXE6F			●	●	●	●	●	●						
	FDUH-KXE6F				●	●	●								
Ceiling Cassette	FDT-KXZE1				●	●	●	●	●	●	●	●	●		
	FDTK-KXZE1		●	●	●	●	●	●							
Ceiling Suspended	FDE-KXZE1					●	●	●	●		●	●			
Floor Standing	FDL-KXE6F				●		●	●							
	FDFL-KXE6F								●						
	FDFU-KXE6F				●		●	●	●						



**CONTROL YOUR AIR. YOUR WAY.**



# WI-FI SOLUTION

The SMART way to control your MHI Air Conditioner from anywhere using your smartphone or tablet.



- Control your air conditioner via your Google Home or Amazon smart device.
- Set up 'favourite' scenes and activate them with a single tap.
- Set your air conditioner to respond to the weather, you arriving home, calendar events + more.
- Receive instant notifications and email updates and even create usage logs.

Compatible with:



\*via IFTTT application. Must be downloaded separately.

IntesisHome®



\*Wi-Fi adaptor required see page 22

# CONTROL OPTIONS

## Wired



**RC-EX3**

LCD back lit display wired controller with easy to use touch screen that allows you to access, change or set all the functions on your AC system.



**RC-E5**

Set temperatures, timers and run maintenance checks all through this easy to use wired controller with a clear LCD display.



**RCH-E3**

Set and control temperature, fan speed and operation mode with this simple and easy to use wired remote control.

## Wireless



Change operation mode, set timers and other functions available on your AC with this easy to use remote control.

## Wi-Fi Adaptors



**MH-AC-WIFI-1**



**IS-IR-WIFI-1**



**MH-RC-WIFI-1**

With the range of Wi-Fi adaptors that can either be concealed within the indoor unit (MH-AC-WIFI-1) or discreetly installed next to it, you can easily access and control your AC from your phone or tablet, even when you're away from home.

INDOOR UNITS														
	SRK-ZMA	SRK-ZMXA	SRR-ZM	SRF-ZMXA	FDK	FDU	FDUM	FDUT	FDUH	FDT	FDTC	FDE	FDLW	FDLW-FDFU
<b>WIRED</b>														
<b>Optional</b>														
RC-EX3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RC-E5	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RCH-E3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>WIRELESS</b>														
<b>Accessory</b>	•	•	•	•										
<b>Optional (requires Wireless Kit)</b>														
RCN-T-36W-E										•				
RCN-TC-24W-ER											•			
RCN-TW-E2														
RCN-K-E, RCN-K71-E					•									
RCN-E-E												•		
RCN-FW-E													•	
RCN-KLT4-E2						•	•	•	•					•
<b>WI-FI</b>														
<b>Optional</b>														
MH-AC-WIFI-1 NEW	•	•	•	•										
MH-RC-WIFI-1					•	•	•	•	•	•	•	•	•	•
IS-IR-WIFI-1	•	•	•	•										

NOTE: Central control and BMS control options are available. Please contact MHIAA for more information.



# PRODUCT SPECIFICATIONS

# SCM-ZS & ZM SERIES



SCM100-125ZM-S



SCM71-80ZM-S1



SCM50ZS-S1/SCM60ZM-S1



SCM40-45ZS-S

## SCM-ZS

SCMZM-S	CAPACITY	4.0kW	4.5kW	5.0kW
Outdoor Unit		SCM40ZS-S	SCM45ZS-S	SCM50ZS-S1
Power supply	Outdoor	1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz
Capacity	Cooling T1	kW 4.0 (1.8-5.9)	kW 4.5 (1.5-6.4)	kW 5.0 (1.8-7.1)
	Heating H1	kW 4.5 (1.4-6.9)	kW 5.3 (1.2-6.5)	kW 6.0 (1.4-7.5)
Input	Cooling T1	kW 0.84	kW 1.04	kW 1.05
	Heating H1	kW 0.90	kW 1.15	kW 1.24
EER	Cooling T1	4.76	4.33	4.76
	Heating H1	5.00	4.61	4.84
Current	Cooling T1	A 3.8	A 4.6	A 4.8
	Heating H1	A 4	A 5	A 5.7
Sound power level (JIS C9612)	Cooling(Outdoor)	dB (A) 60	dB (A) 62	dB (A) 62
	Heating(Outdoor)	dB (A) 64	dB (A) 64	dB (A) 64
External dimensions	(HXWXD)	mm 596x780(+90)x290	mm 596x780(+90)x290	mm 640x850(+65)x290
	Net weight	kg 42	kg 42	kg 48.5
Refrigerant piping	Liquid line	mm Ø6.35 X 2	mm Ø6.35 X 2	mm Ø6.35 X 3
	Gas line	mm Ø9.52 X 2	mm Ø9.52 X 2	mm Ø9.52 X 3
	Union	mm Ø9.52-Ø12.7) X 1	mm Ø9.52-Ø12.7) X 1	mm Ø9.52-Ø12.7) X 1
	Connection method	Flare connection	Flare connection	Flare connection
Refrigerant R410A	Volume	kg 1.9	kg 1.9	kg 2.5
	Pre-Charged	m 30	m 30	m 40
Indoor Unit Combination	SRK-ZMA	kW 2.0, 2.5, 3.5	kW 2.0, 2.5, 3.5	kW 2.0, 2.5, 3.5, 5.0
	SRK-ZMXA	kW 2.0, 2.5, 3.5	kW 2.0, 2.5, 3.5	kW 2.0, 2.5, 3.5, 5.0
	SRF-ZMXA	kW 2.5, 3.5	kW 2.5, 3.5	kW 2.5, 3.5, 5.0
Max Indoor Unit Connection	SRR-ZM	kW 2.5, 3.5	kW 2.5, 3.5	kW 2.5, 3.5, 5.0
	FDTC-VF	kW 2.5, 3.5	kW 2.5, 3.5	kW 2.5, 3.5, 5.0
Indoor Connection Capacity	FDUM-VF	kW 5.0	kW 5.0	kW 5.0
	FDE-VG	kW 5.0	kW 5.0	kW 5.0
Indoor Connection Capacity	Max Indoor Unit Connection	2 Units	2 Units	2 to 3 Units
	Indoor Connection Capacity	4.0kW to 6.0kW	4.0kW to 6.0kW	4.5kW to 7.0kW

Note 1 Rated data is measured using SRK-ZMXA indoor unit at an equivalent indoor/ outdoor capacity

## SCM-ZM

SCMZM-S	6.0kW	7.1kW	8.0kW	10.0kW	12.5kW
Outdoor Unit	SCM60ZM-S1	SCM71ZM-S1	SCM80ZM-S1	SCM100ZM-S	SCM125ZM-S
Power supply	1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz
Capacity	Cooling T1	kW 6.0 (1.8-7.5)	kW 7.1 (1.8-8.8)	kW 8.0 (1.8-9.2)	kW 10 (1.8-12.0)
	Heating H1	kW 6.8 (1.5-7.8)	kW 8.6 (1.5-9.4)	kW 9.3 (1.5-9.8)	kW 12 (1.5-13.5)
Input	Cooling T1	kW 1.43	kW 1.74	kW 2.16	kW 2.86
	Heating H1	kW 1.51	kW 2.00	kW 2.26	kW 2.93
EER	Cooling T1	4.20	4.08	3.70	3.5
	Heating H1	4.50	4.30	4.12	4.1
Current	Cooling T1	A 6.5	A 7.6	A 9.4	A 12.4
	Heating H1	A 6.8	A 8.8	A 10	A 12.8
Sound power level (JIS C9612)	Cooling(Outdoor)	dB (A) 63	dB (A) 65	dB (A) 66	dB (A) 68
	Heating(Outdoor)	dB (A) 65	dB (A) 66	dB (A) 66	dB (A) 71
External dimensions	(HXWXD)	mm 640x850x290	mm 750x880x340	mm 750x880x340	mm 945x970x370
	Net weight	kg 49	kg 62	kg 62	kg 92
Refrigerant piping	Liquid line	mm Ø6.35 X 3	mm Ø6.35 X 4	mm Ø6.35 X 4	mm Ø6.35 X 5
	Gas line	mm Ø9.52 X 3	mm Ø9.52 X 4	mm Ø9.52 X 4	mm Ø9.52 X 5
	Union	mm Ø9.52-Ø12.7) X 2	mm Ø9.52-Ø12.7) X 2	mm Ø9.52-Ø12.7) X 2	mm Ø9.52-Ø12.7, Ø15.8) X 2
	Connection method	Flare connection	Flare connection	Flare connection	Flare connection
Refrigerant R410A	Volume	kg 2.5	kg 3.15	kg 3.15	kg 6
	Pre-Charged	m 40	m 40	m 40	m 50
Indoor Unit Combination	SRK-ZMA	kW 2.0, 2.5, 3.5, 5.0	kW 2.0, 2.5, 3.5, 5.0	kW 2.0, 2.5, 3.5, 5.0	kW 2.0, 2.5, 3.5, 5.0, *7.1
	SRK-ZMXA	kW 2.0, 2.5, 3.5, 5.0	kW 2.0, 2.5, 3.5, 5.0, 6.0	kW 2.0, 2.5, 3.5, 5.0, 6.0	kW 2.0, 2.5, 3.5, 5.0, 6.0
	SRF-ZMXA	kW 2.5, 3.5, 5.0	kW 2.5, 3.5, 5.0	kW 2.5, 3.5, 5.0	kW 2.5, 3.5, 5.0
Max Indoor Unit Connection	SRR-ZM	kW 2.5, 3.5, 5.0, 6.0	kW 2.5, 3.5, 5.0, 6.0	kW 2.5, 3.5, 5.0, 6.0	kW 2.5, 3.5, 5.0, 6.0
	FDTC-VF	kW 2.5, 3.5, 5.0, 6.0	kW 2.5, 3.5, 5.0, 6.0	kW 2.5, 3.5, 5.0, 6.0	kW 2.5, 3.5, 5.0, 6.0
Indoor Connection Capacity	FDUM-VF	kW 5.0	kW 5.0	kW 5.0	kW 5.0
	FDE-VG	kW 5.0	kW 5.0	kW 5.0	kW 5.0
Indoor Connection Capacity	Max Indoor Unit Connection	2 to 3 Units	2 to 4 Units	2 to 4 Units	2* to 6 Units
	Indoor Connection Capacity	6.0kW to 11.0kW	7.0kW to 12.5kW	8.0kW to 13.5kW	10.0kW to 16.0kW



# SRK-ZMA & SRK-ZMXA SERIES



SRK20-50ZMA-S



SRK20-60ZMXA-S



SRK71ZMA-S

## SRK-ZMA

SRKZMA-S	CAPACITY	2.0kW			3.5kW			5.0kW			7.1kW										
		SRK20ZMA-S			SRK35ZMA-S			SRK50ZMA-S			SRK71ZMA-S										
Indoor Unit		2.0			2.5			3.5			5.0			7.1							
Cooling capacity		kW			3.0			4.5			5.8			8.0							
Heating capacity		49			50			58			60			60							
Sound power level*		52			55			59			61			61							
Sound pressure level*	Cooling	Hi: 33 Me: 27 Lo: 24 UL: 21			Hi: 34 Me: 28 Lo: 24 UL: 21			Hi: 42 Me: 32 Lo: 26 UL: 22			Hi: 46 Me: 37 Lo: 28 UL: 25			Hi: 49 Me: 45 Lo: 39 UL: 26							
	Heating	Hi: 38 Me: 31 Lo: 24 UL: 21			Hi: 39 Me: 31 Lo: 24 UL: 21			Hi: 43 Me: 37 Lo: 25 UL: 22			Hi: 45 Me: 37 Lo: 31 UL: 27			Hi: 46 Me: 43 Lo: 38 UL: 35							
Airflow	Cooling	Hi: 130 Me: 93 Lo: 88 UL: 80			Hi: 132 Me: 100 Lo: 88 UL: 83			Hi: 168 Me: 107 Lo: 90 UL: 83			Hi: 188 Me: 130 Lo: 100 UL: 88			Hi: 325 Me: 292 Lo: 233 UL: 133							
	Heating	Hi: 163 Me: 105 Lo: 83 UL: 75			Hi: 177 Me: 108 Lo: 85 UL: 77			Hi: 213 Me: 157 Lo: 102 UL: 80			Hi: 225 Me: 170 Lo: 125 UL: 103			Hi: 358 Me: 325 Lo: 258 UL: 233							
Exterior dimensions (HxWxD)		294x798x229			294x798x229			294x798x229			294x798x229			318x1098x248							
Net weight		9.5			9.5			9.5			9.5			15							
Piping	Liquid line	Ø6.35			Ø6.35			Ø6.35			Ø6.35			Ø6.35							
	Gas line	Ø9.52			Ø9.52			Ø9.52			Ø9.52			Ø15.88							
OUTDOOR UNITS TO BE COMBINED													SCM40-45ZS-S, SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S			SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S			SCM100ZM-S, SCM125ZM-S		

## SRK-ZMXA

SRKZMA-S	CAPACITY	2.0kW			3.5kW			5.0kW			6.0kW										
		SRK20ZMXA-S			SRK35ZMXA-S			SRK50ZMXA-S			SRK60ZMXA-S										
Indoor Unit		2.0			2.5			3.5			5.0			6.0							
Cooling capacity		kW			3.0			4.5			5.8			6.8							
Heating capacity		53			55			58			60			62							
Sound power level*		54			58			59			64			64							
Sound pressure level*	Cooling	Hi: 39 Me: 30 Lo: 24 UL: 21			Hi: 41 Me: 31 Lo: 25 UL: 22			Hi: 43 Me: 33 Lo: 25 UL: 22			Hi: 47 Me: 40 Lo: 27 UL: 25			Hi: 51 Me: 41 Lo: 29 UL: 25							
	Heating	Hi: 38 Me: 33 Lo: 25 UL: 21			Hi: 41 Me: 34 Lo: 27 UL: 21			Hi: 42 Me: 35 Lo: 27 UL: 22			Hi: 48 Me: 40 Lo: 33 UL: 26			Hi: 48 Me: 41 Lo: 34 UL: 27							
Airflow	Cooling	Hi: 208 Me: 133 Lo: 105 UL: 83			Hi: 208 Me: 150 Lo: 105 UL: 83			Hi: 225 Me: 158 Lo: 108 UL: 83			Hi: 225 Me: 183 Lo: 133 UL: 117			Hi: 242 Me: 208 Lo: 142 UL: 117							
	Heating	Hi: 200 Me: 158 Lo: 117 UL: 105			Hi: 217 Me: 167 Lo: 125 UL: 105			Hi: 233 Me: 183 Lo: 133 UL: 108			Hi: 283 Me: 242 Lo: 175 UL: 133			Hi: 292 Me: 250 Lo: 183 UL: 142							
Exterior dimensions (HxWxD)		309x890x220			309x890x220			309x890x220			309x890x220			309x890x220							
Net weight		13.5			13.5			13.5			13.5			13.5							
Piping	Liquid line	Ø6.35			Ø6.35			Ø6.35			Ø6.35			Ø6.35							
	Gas line	Ø9.52			Ø9.52			Ø9.52			Ø9.52			Ø12.7							
OUTDOOR UNITS TO BE COMBINED													SCM40-45ZS-S, SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S			SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S			SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S		

# SRF-ZMXXA, SRR-ZM, FDUM-VF, FDE-VG, FDTC-VF SERIES



SRF-ZMXXA



SRR-ZM

Indoor Unit		SRF-ZMXXA				SRR-ZM*				FDUM-VF		FDE-VG		
		CAPACITY		2.5kW	3.5kW	5.0kW	SRF25ZMXXA-S	SRF35ZMXXA-S	SRF50ZMXXA-S	SRF25ZM-S	SRF35ZM-S	SRF50ZM-S	FDUM50VF	5.0kW
Cooling capacity	Heating capacity	kW		2.5	3.5	5.0	2.5	3.5	5.0	2.5	3.5	5.0	5.0	5.0
		dB(A)		51	52	58	56	57	59	60	59	60	60	60
Sound pressure level	Cooling	dB(A)		Hi: 40 Me: 32 Lo: 29	Hi: 41 Me: 34 Lo: 32	Hi: 46 Me: 42 Lo: 35	Hi: 37 Me: 33 Lo: 30	Hi: 38 Me: 34 Lo: 31	Hi: 41 Me: 37 Lo: 34	Hi: 41 Me: 37 Lo: 34	Hi: 44 Me: 38 Lo: 35	P-Hi: 37 Hi: 32 Me: 29 Lo: 26	P-Hi: 37 Hi: 32 Me: 29 Lo: 26	P-Hi: 46 Hi: 39 Me: 68 Lo: 31
		Heating	dB(A)		Hi: 40 Me: 35 Lo: 33	Hi: 41 Me: 36 Lo: 35	Hi: 47 Me: 41 Lo: 39	Hi: 40 Me: 37 Lo: 34	Hi: 41 Me: 38 Lo: 35	Hi: 43 Me: 39 Lo: 37	Hi: 43 Me: 39 Lo: 37	Hi: 45 Me: 41 Lo: 38	P-Hi: 37 Hi: 32 Me: 29 Lo: 26	P-Hi: 37 Hi: 32 Me: 29 Lo: 26
Airflow	Indoor		l/s		Hi: 150 Me: 127 Lo: 112	Hi: 153 Me: 130 Lo: 122	Hi: 192 Me: 160 Lo: 123	Hi: 158 Me: 142 Lo: 108	Hi: 167 Me: 142 Lo: 117	Hi: 225 Me: 183 Lo: 167	Hi: 242 Me: 208 Lo: 183	P-Hi: 217 Hi: 167 Me: 150 Lo: 133	P-Hi: 217 Hi: 167 Me: 150 Lo: 133	P-Hi: 217 Hi: 167 Me: 150 Lo: 133
		mm		600x860x238	600x860x238	600x860x238	200x750x600	200x750x600	200x950x500	200x950x500	200x950x500	210x1070x690	210x1070x690	210x1070x690
Net weight	Piping	kg		18	19	19	20.5	20.5	24	20.5	24	29	28	
		mm		Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø12.7	Ø12.7	Ø12.7
OUTDOOR UNITS TO BE COMBINED				SCM40-45ZS-S, SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S		SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S		SCM40-45ZS-S, SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S		SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S		SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S		

\*Note: built-in drain pump



FDUM-VF



FDE-VG



FDTC-VF

Indoor Unit		FDTC-VF					
		CAPACITY		2.5kW	3.5kW	5.0kW	6.0kW
Cooling capacity	Heating capacity	kW		2.5	3.5	5.0	6.0
		dB(A)		56	58	60	60
Sound pressure level	Cooling	dB(A)		Hi: 38 Hi: 36 Me: 32 Lo: 29	Hi: 41 Hi: 40 Me: 36 Lo: 30	Hi: 47 Hi: 46 Me: 39 Lo: 30	Hi: 47 Hi: 46 Me: 39 Lo: 30
		Heating	dB(A)		Hi: 39 Hi: 38 Me: 33 Lo: 29.5	Hi: 43 Hi: 42 Me: 35 Lo: 32	Hi: 47 Hi: 46 Me: 39 Lo: 32
Airflow	Indoor		l/s		Hi: 167 Hi: 150 Me: 133 Lo: 108	Hi: 183 Hi: 159 Me: 150 Lo: 117	Hi: 225 Hi: 192 Me: 167 Lo: 133
		mm		248x570x570	248x570x570	248x570x570	248x570x570
Net weight	Piping	kg		15	15	15	15
		mm		Ø6.35	Ø6.35	Ø6.35	Ø6.35
OUTDOOR UNITS TO BE COMBINED				SCM40-45ZS-S, SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S		SCM50ZS-S1, SCM60-80ZM-S1, SCM100-125ZM-S	

# KX6 MICRO & KXZPE1 LITE SERIES

## KX6 MICRO

CAPACITY		11.2kW	14.0kW	15.5kW	11.2kW	14.0kW	15.5kW
Unit		FDC112KXEN6	FDC140KXEN6	FDC155KXEN6	FDC112KXES6	FDC140KXES6	FDC155KXES6
Power Supply		3 Phase 380-415V, 50Hz					
Nominal capacity	Cooling	11.2	14.0	15.5	11.2	14.0	15.5
	Heating	12.5	16.0	16.3	12.5	16.0	16.3
Electrical characteristics	Power consumption	2.8	4.17	4.71	2.8	4.17	4.71
	Running current	2.89	4.31	4.38	2.89	4.31	4.38
Exterior dimensions	HxWxD	13.5-12.4	20.6-18.9	23.3-21.3	13.5-12.4	20.6-18.9	23.3-21.3
	Net weight	14.1-12.9	21.5-19.7	21.9-20.1	14.1-12.9	21.5-19.7	21.9-20.1
Refrigerant charge	R410A	845x970x370					
Sound pressure level	Cooling/Heating	85					
Refrigerant piping size	Liquid line	52/64	53/57	53/57	52/54	53/57	53/57
	Gas line	Ø9.52					
Max Indoor Unit Connection		Ø15.88					
	Indoor Connection Capacity	6 units	8 units	8 units	6 units	8 units	8 units
		80-150					
		%					

## KXZPE1 LITE

CAPACITY		22.4kW	28.0kW
Unit		FDC224KXZPE1	FDC280KXZPE1
Power Supply		3 Phase 380-415v, 50Hz	
Nominal capacity	Cooling	22.4	28.0
	Heating	22.4	28.0
Electrical characteristics	Power consumption	5.6	7.87
	Running current	4.8	6.47
Exterior dimensions	HxWxD	9.2-8.5	12.9-11.8
	Net weight	7.9-7.3	10.6-9.7
Refrigerant charge	R410A	1505x970x370	
Sound pressure level	Cooling/Heating	165	
Refrigerant piping size	Liquid line	59/60	60/63
	Gas line	Ø9.52	
Max Indoor Unit Connection		Ø19.05	Ø22.22
	Indoor Connection Capacity	8 units	8 units
		50-120	
		%	



KXZPE1 LITE



KX6 MICRO

# FDT-KXZE1, FDTC-KXZE1 SERIES



FDT-KXZE1



FDTC-KXZE1

## FDT-KXZE1

	2.8kW	3.6kW	4.5kW	5.6kW	7.1kW	9kW	11.2kW	14kW	16kW
<b>Indoor Unit</b>	FDT28KXZE1	FDT36KXZE1	FDT45KXZE1	FDT56KXZE1	FDT71KXZE1	FDT90KXZE1	FDT112KXZE1	FDT140KXZE1	FDT160KXZE1
Cooling capacity	2.8	3.6	4.5	5.6	7.1	9	11.2	14	16
Heating capacity	3.2	4	5	6.3	8	10	12.5	16	18
Power source	1 Phase 220-240V, 50Hz								
Sound power level	49		50	55	62			66	
Sound pressure level	P-Hi:37 Hi:33 Me:30 Lo:28	P-Hi:38 Hi:33 Me:31 Lo:29	P-Hi:37 Hi:35 Me:32 Lo:28	P-Hi:49 Hi:38 Me:36 Lo:31	P-Hi:49 Hi:39 Me:37 Lo:31	P-Hi:49 Hi:38 Me:36 Lo:31	P-Hi:49 Hi:39 Me:37 Lo:31	P-Hi:49 Hi:42 Me:39 Lo:32	P-Hi:49 Hi:42 Me:39 Lo:33
Air flow	P-Hi:15 Hi:14 Me:12 Lo:10	P-Hi:16 Hi:14 Me:12 Lo:10	P-Hi:17 Hi:15 Me:13 Lo:10	P-Hi:20 Hi:16 Me:13 Lo:11	P-Hi:28 Hi:17 Me:14 Lo:12	P-Hi:37 Hi:25 Me:22 Lo:15	P-Hi:38 Hi:26 Me:23 Lo:17	P-Hi:38 Hi:28 Me:25 Lo:18	P-Hi:38 Hi:29 Me:26 Lo:19
Exterior dimensions (H x W x D)	Unit:236x840x840 Panel:35x950x950								
Net weight	Unit:20 Standard Panel:5								
Panel	Unit:21.5 Standard Panel:5 T-PSAE-5AW-E								
Piping	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")			Liquid line:ø12.7(1/2")			Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")		
Optional Motion Sensor	LB-T5W-E								

## OUTDOOR UNITS TO BE COMBINED

**FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6**

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

## FDTC-KXZE1

	1.5kW	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW
<b>Indoor Unit</b>	FDT15KXZE1	FDT22KXZE1	FDT28KXZE1	FDT36KXZE1	FDT45KXZE1	FDT56KXZE1
Cooling capacity	1.5	2.2	2.8	3.6	4.5	5.6
Heating capacity	1.7	2.5	3.2	4	5	6.3
Power source	1 Phase 220-240V, 50Hz					
Sound power level	47	49				
Sound pressure level	P-Hi:33 Hi:30 Me:28 Lo:25	P-Hi:35 Hi:32 Me:29 Lo:25	P-Hi:39 Hi:36 Me:31 Lo:26	P-Hi:39 Hi:36 Me:31 Lo:26	P-Hi:43 Hi:39 Me:36 Lo:28	P-Hi:47 Hi:43 Me:39 Lo:31
Air flow	P-Hi:8 Hi:7 Me:6 Lo:5	P-Hi:9 Hi:8 Me:7 Lo:6	P-Hi:10 Hi:9 Me:8 Lo:6	P-Hi:10 Hi:9 Me:8 Lo:6	P-Hi:12 Hi:10 Me:9 Lo:7	P-Hi:14 Hi:12 Me:10 Lo:8
Exterior dimensions (H x W x D)	Unit:248x670x670 Panel:10x620x620					
Net weight	Unit:12.5 Standard Panel:2.5					
Panel	Unit:13 Standard Panel:2.5 TC-PSAE-5AW-E					
Piping	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8") Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")					

## OUTDOOR UNITS TO BE COMBINED

**FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6**

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

PRODUCT SPECIFICATIONS

# FDU-KXE6F/KXZE1, FDUM-KXE6F SERIES



**FDU-KXE6F/KXZE1**

	4.5kW	5.6kW	7.1kW	9kW	11.2kW	14kW	16kW	22.4kW	28kW
Indoor Unit	FDU45KXE6F	FDU56KXE6F	FDU71KXE6F	FDU90KXE6F	FDU112KXE6F	FDU140KXE6F	FDU160KXE6F	FDU224KXE1	FDU280KXE1
Cooling capacity	4.5	5.6	7.1	9	11.2	14	16	22.4	28
Heating capacity	5	6.3	8	10	12.5	16	18	25	31.5
Power source	1 Phase 220-240V, 50Hz								
Sound power level	60								
Sound pressure level	P-Hi:37 Hi:32 Me:29 Lo:26	P-Hi:38 Hi:33 Me:29 Lo:25		P-Hi:44 Hi:38 Me:36 Lo:30		P-Hi:47 Hi:40 Me:35 Lo:30		P-Hi:52 Hi:50 Me:47 Lo:45	
Air flow	P-Hi:13 Hi:10 Me:9 Lo:8	P-Hi:24 Hi:19 Me:15 Lo:10		P-Hi:36 Hi:28 Me:25 Lo:19		P-Hi:48 Hi:35 Me:28 Lo:22		P-Hi:80 Hi:72 Me:64 Lo:56	
Exterior dimensions (H x W x D)	280x750x635								
Net weight	29		34		54		89		
Maximum external static pressure	200								
Piping	Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")		Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")		Liquid line:ø9.52(3/8") Gas line:ø19.05(3/4")		Liquid line:ø9.52(3/8") Gas line:ø22.22(7/8")		
<b>OUTDOOR UNITS TO BE COMBINED</b>	<b>FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6</b>								

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB. External static pressure of indoor unit is 72Pa.

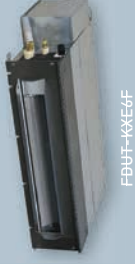
**FDUM-KXE6F**

	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	7.1kW	9kW	11.2kW	14kW	16kW
Indoor Unit	FDUM22KXE6F	FDUM28KXE6F	FDUM36KXE6F	FDUM45KXE6F	FDUM56KXE6F	FDUM71KXE6F	FDUM90KXE6F	FDUM112KXE6F	FDUM140KXE6F	FDUM160KXE6F
Cooling capacity	2.2	2.8	3.6	4.5	5.6	7.1	9	11.2	14	16
Heating capacity	2.5	3.2	4	5	6.3	8	10	12.5	16	18
Power source	1 Phase 220-240V, 50Hz									
Sound power level	60									
Sound pressure level	P-Hi:37 Hi:32 Me:29 Lo:26		P-Hi:38 Hi:33 Me:29 Lo:25		P-Hi:44 Hi:38 Me:36 Lo:30		P-Hi:47 Hi:40 Me:35 Lo:30		P-Hi:45 Hi:40 Me:34 Lo:29	
Air flow	P-Hi:13 Hi:10 Me:9 Lo:8		P-Hi:24 Hi:19 Me:15 Lo:10		P-Hi:36 Hi:28 Me:25 Lo:19		P-Hi:40 Hi:31 Me:25 Lo:16		P-Hi:39 Hi:32 Me:26 Lo:20	
Exterior dimensions (H x W x D)	280 x 750 x 635		280 x 950 x 635		280 x 950 x 635		280 x 1370 x 740			
Net weight	29		34		100		54			
Maximum external static pressure	100									
Piping	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")		Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")		Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")					
<b>OUTDOOR UNITS TO BE COMBINED</b>	<b>FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6</b>									

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB. External static pressure of indoor unit is 35Pa(22/28/36/45/56/71/90), 60Pa(112/140/160).

2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

# FDUT-KXE6F, FDUH-KXE6F, FDE-KXZE1 SERIES



FDUT-KXE6F



FDUH-KXE6F

## FDUT-KXE6F

CAPACITY	1.5kW	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	7.1kW
Indoor Unit	FDUT15KXE6F-E	FDUT22KXE6F-E	FDUT28KXE6F-E	FDUT36KXE6F-E	FDUT45KXE6F-E	FDUT56KXE6F-E	FDUT71KXE6F-E
Cooling capacity	1.5	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	1.7	2.5	3.2	4	5	6	8
Power source	1 Phase 220-240V, 50Hz						
Sound power level	52						
Sound pressure level 1	Hi:28 Me:26 Lo:22	Hi:28 Me:26 Lo:22	Hi:28 Me:26 Lo:22	Hi:33 Me:30 Lo:26	Hi:34 Me:32 Lo:28	Hi:35 Me:33 Lo:30	Hi:35 Me:31 Lo:28
Sound pressure level 2	Hi:32 Me:29 Lo:25	Hi:32 Me:29 Lo:26	Hi:32 Me:29 Lo:26	Hi:37 Me:34 Lo:28	Hi:36 Me:33 Lo:27	Hi:38 Me:33 Lo:29	Hi:41 Me:37 Lo:32
Air flow	Hi:6 Me:5 Lo:4	Hi:7.5 Me:6 Lo:5	Hi:12.5 Me:10.0 Lo:6.7	Hi:8.5 Me:7 Lo:5.5	Hi:11.5 Me:9 Lo:7	Hi:12.5 Me:9 Lo:7.2	Hi:16 Me:13 Lo:9.5
Exterior dimensions (H x W x D)	200x750x500						
Net weight	21						
External Static pressure	Standard:10, Max:35						
Piping	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")						

### OUTDOOR UNITS TO BE COMBINED

Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")	Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")
Standard:10, Max:35	Standard:10, Max:50
21	25
200x750x500	220x1150x565
21	31

### FDU112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

## FDUH-KXE6F

2.2kW	2.8kW	3.6kW
FDUH22KXE6F	FDUH28KXE6F	FDUH36KXE6F
2.2	2.8	3.6
2.5	3.2	4
1 Phase 220-240V, 50Hz		
60		
P-Hi:39 Hi: 33 Me: 30 Lo: 27		
P-Hi:39 Hi: 33 Me: 30 Lo: 27		
P-Hi:85 Hi: 7 Me: 6.5 Lo: 6		
257x570x530		
22		
30		
Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")		
Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")		

### FDC112-155KXEN6, FDC224-280KXZPE1

## FDE-KXZE1

CAPACITY	3.6kW	4.5kW	5.6kW	7.1kW	11.2kW	14kW
Indoor Unit	FDE36KXZE1	FDE45KXZE1	FDE56KXZE1	FDE71KXZE1	FDE112KXZE1	FDE140KXZE1
Cooling capacity	3.6	4.5	5.6	7.1	11.2	14
Heating capacity	4	5	6.3	8	12.5	16
Power source	1 Phase 220-240V, 50Hz					
Sound power level	60					
Sound pressure level	P-Hi:46 Hi:38 Me:31 Lo:26	P-Hi:46 Hi:38 Me:36 Lo:31	P-Hi:46 Hi:38 Me:36 Lo:31	P-Hi:47 Hi:39 Me:37 Lo:32	P-Hi:45 Hi:42 Me:38 Lo:34	P-Hi:48 Hi:43 Me:40 Lo:35
Air flow	P-Hi:13 Hi:10 Me:7 Lo:5.5	P-Hi:13 Hi:10 Me:9 Lo:7	P-Hi:13 Hi:10 Me:13 Lo:10	P-Hi:20 Hi:15 Me:13 Lo:10	P-Hi:28 Hi:25 Me:21 Lo:16.5	P-Hi:32 Hi:26 Me:23 Lo:17
Exterior dimensions (H x W x D)	210 x 1070 x 690					
Net weight	28					
Piping	Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")					
Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")						

### FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.



FDE-KXZE1

# FDK-KXZE1, FDFW-KXE6F, FDFL-KXE6F, FDFU-KXE6F SERIES



## FDK-KXZE1

CAPACITY	1.5kW	2.2kW	2.8kW	3.6kW	4.5kW	5.6kW	7.1kW	9kW
Indoor Unit	FDK15KXZE1	FDK22KXZE1	FDK28KXZE1	FDK36KXZE1	FDK45KXZE1	FDK56KXZE1	FDK71KXZE1	FDK90KXZE1
Cooling capacity	1.5	2.2	2.8	3.6	4.5	5.6	7.1	9
Heating capacity	1.7	2.5	3.2	4	5	6.3	8	10
Power source	1 Phase 220-240V, 50Hz							
Sound power level	54	55	55	58	Cooling:58 Heating:61			
Sound pressure level	P-Hi:38 Hi:34 Me:31 Lo:28	P-Hi:38 Hi:36 Me:32 Lo:28	P-Hi:40 Hi:38 Me:33 Lo:28		P-Hi:43 Hi:41 Me:36 Lo:33	P-Hi:42 Hi:40 Me:37 Lo:35	P-Hi:44 Hi:42 Me:39 Lo:35	
Airflow	P-Hi:5.7 Hi:5 Me:4.5 Lo:3.6	P-Hi:8.5 Hi:8 Me:6 Lo:5	P-Hi:11 Hi:10 Me:8 Lo:7		P-Hi:12 Hi:11 Me:9 Lo:8 P-Hi:13 Hi:12 Me:10 Lo:8	P-Hi:21 Hi:19 Me:16 Lo:14		
Exterior dimensions (H x W x D)	290 x 870 x 230							
Net weight	11.5							
Piping	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")							
<b>OUTDOOR UNITS TO BE COMBINED</b>								
<b>FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6</b>								
Liquid line:ø9.52(3/8") Gas line:ø12.7(1/2")								
339 x 1197 x 262								
17								

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.  
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

## FDFW-KXE6F

CAPACITY	2.8kW	4.5kW	5.6kW
Indoor Unit	FDFW28KXE6F	FDFW45KXE6F	FDFW56KXE6F
Cooling capacity	2.8	4.5	5.6
Heating capacity	3.2	5	6.3
Power source	1 Phase 220-240V, 50Hz		
Sound power level	55	57	60
Sound pressure level	Hi:36 Me:34 Lo:30	Hi:38 Me:36 Lo:33	Hi:44 Me:37 Lo:33
Airflow	Hi:9 Me:8 Lo:7	Hi:11 Me:9 Lo:8	
Exterior dimensions (H x W x D)	600x860x238		
Net weight	19		
Piping	Liquid line:ø6.35(1/4") Gas line:ø9.52(3/8")		
<b>OUTDOOR UNITS TO BE COMBINED</b>			
<b>FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6</b>			
Liquid line:ø12.7(1/2") Gas line:ø15.88(5/8")			

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.  
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

## FDFL-KXE6F

CAPACITY	7.1kW
Indoor Unit	FDFL71KXE6F
Cooling capacity	7.1
Heating capacity	8
Power source	1 Phase 220-240V, 50Hz
Sound power level	62
Sound pressure level	Hi:43 Me:41 Lo:40
Airflow	Hi:18 Me:15 Lo:12
Exterior dimensions (H x W x D)	630x1481x225
Net weight	40
Piping	Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.  
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

## FDFU-KXE6F

CAPACITY	2.8kW	4.5kW	5.6kW	7.1kW
Indoor Unit	FDFU28KXE6F	FDFU45KXE6F	FDFU56KXE6F	FDFU71KXE6F
Cooling capacity	2.8	4.5	5.6	7.1
Heating capacity	3.2	5	6.3	8
Power source	1 Phase 220-240V, 50Hz			
Sound power level	58	60		
Sound pressure level	Hi:41 Me:38 Lo:36	Hi:43 Me:41 Lo:40		
Airflow	Hi:12 Me:11 Lo:10	Hi:14 Me:12 Lo:10		
Exterior dimensions (H x W x D)	630x1362x225			
Net weight	25			
Piping	Liquid line:ø6.35(1/4") Gas line:ø12.7(1/2")			
<b>OUTDOOR UNITS TO BE COMBINED</b>				
<b>FDC112-155KXEN6, FDC224-280KXZPE1, FDC112-155KXES6</b>				
Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")				

1. The data are measured under the following conditions(SO-T1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.  
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

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