



**MITSUBISHI**  
HEAVY INDUSTRIES  
AIR CONDITIONERS

**HEAVY DUTY**

MOVE THE WORLD FORWARD **RD** **MITSUBISHI**  
HEAVY  
INDUSTRIES  
GROUP

**SR** *series*

*Residential Air-Conditioners*



2019/2020

# CONSTANT SPEED SINGLE SPLIT STANDARD (COOLING) CR/CRR / CT/CTR SERIES



SRK09CRR-S4, SRK12CR-S4



SRK09CTR-S4, SRK12CT-S4

## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



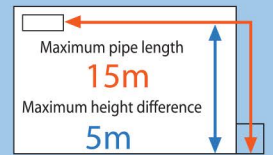
### COMFORT & CONVENIENCE



### OTHERS



### REFRIGERANT PIPE LENGTH



SRK09CRR-S4  
SRK12CR-S4  
SRK09CTR-S4  
SRK12CT-S4



SRC09CRR-S4 / SRC09CTR-S4



SRC12CR-S4 / SRC12CT-S4

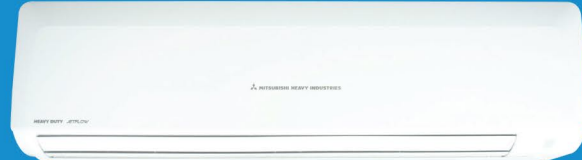
## SPECIFICATIONS

ITEM	MODEL	CRR/CTR / CR/CT SERIES				
		INDOOR UNIT OUTDOOR UNIT	SRK09CRR-S4 SRC09CRR-S4	SRK09CTR-S4 SRC09CTR-S4	SRK12CR-S4 SRC12CR-S4	SRK12CT-S4 SRC12CT-S4
Power source			1 Phase, 220 / 230V, 50Hz	1 Phase, 220 / 230V, 50Hz	1 Phase, 220 / 230V, 50Hz	1 Phase, 220 / 230V, 50Hz
Capacity	Cooling	kW	2.64	2.64	3.45	3.45
		BTU/h	9,000	9,000	11,771	11,771
	Heating	kW	--	--	--	--
		BTU/h	--	--	--	--
Input	Cooling	kW	0.868	0.868	1.120	1.120
		kW	--	--	--	--
EER	Cooling	BTU/hW	10.37	10.37	10.51	10.51
		BTU/hW	--	--	--	--
COP	Cooling	W/W	3.04	3.04	3.08	3.08
		W/W	--	--	--	--
Current	Cooling	A	4.0 / 3.8	4.0 / 3.8	5.3 / 5.1	5.3 / 5.1
		A	--	--	--	--
Exterior dimensions (H x W x D)	Indoor unit	mm	262 x 769 x 210	262 x 769 x 230	262 x 769 x 210	262 x 769 x 230
	Outdoor unit	mm	435 x 645 (+50) x 275	435 x 645 (+50) x 275	595x780 (+62) x 290	595x780 (+62) x 290
Net weight	Indoor	kg	7.0	7.5	7.0	7.5
	Outdoor	kg	24.5	24.5	31.0	31.0
Air Flow (Cooling)	Indoor unit	m <sup>3</sup> /min	10.2	10.5	10.2	10.5
	Outdoor unit	m <sup>3</sup> /min	23	23	32.0	32
Compressor Motor		kW	0.795	0.795	1.096	1.096
Refrigerant			R410A	R410A	R410A	R410A
Refrigerant Control			Capillary tubes	Capillary tubes	Capillary tubes	Capillary tubes
Refrigerant piping	Liquid line	mm	6.35	6.35	6.35	6.35
	Gas line	mm	9.52	9.52	12.7	12.7
Connecting wiring	Power cord (Size x Core number)		1.5 mm <sup>2</sup> x 3 cores (Including earth cable)	1.5 mm <sup>2</sup> x 3 cores (Including earth cable)	1.5 mm <sup>2</sup> x 3 cores (Including earth cable)	1.5 mm <sup>2</sup> x 3 cores (Including earth cable)
	Out-In Interconnect (Size x Core no)		1.5 mm <sup>2</sup> x 3 cores (Including earth cable)	1.5 mm <sup>2</sup> x 3 cores (Including earth cable)	1.5 mm <sup>2</sup> x 3 cores (Including earth cable)	1.5 mm <sup>2</sup> x 3 cores (Including earth cable)
Connect method			Terminal Block (Screw fixing type)	Terminal Block (Screw fixing type)	Terminal Block (Screw fixing type)	Terminal Block (Screw fixing type)

# CONSTANT SPEED SINGLE SPLIT STANDARD (COOLING) CS SERIES



SRK18CS-S4



SRK24CS-S4



## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



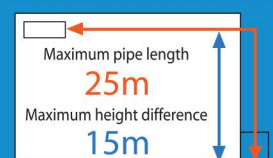
### COMFORT & CONVENIENCE



### OTHERS



### REFRIGERANT PIPE LENGTH



SRK18CS-S4  
SRK24CS-S4



SRC18CS-S4  
SRC24CS-S4

## SPECIFICATIONS

ITEM	MODEL	INDOOR UNIT		CS SERIES	
		INDOOR UNIT	OUTDOOR UNIT	SRK18CS-S4 SRC18CS-S4	SRK24CS-S4 SRC24CS-S4
Power Source				1 Phase, 220V / 230V, 50Hz	1 Phase, 220V / 230V, 50Hz
Capacity	Cooling	kW		5.10	7.20
		BTU/h		17,401	24,566
Input	Cooling	kW		1.600	2.200
		BTU/hW		10.88	11.16
EER	Cooling	W/W		3.19	3.27
		W/W		--	--
Current	Cooling	A		7.4/7.1	10.6/10.1
		A		--	--
Exterior dimensions (HxWxD)	Indoor unit	mm		309 x 890 x 251	339 x 1197 x 262
	Outdoor unit	mm		640 x 850(+65) x 290	640 x 850(+65) x 290
Net weight	Indoor	kg		12.0	16.0
	Outdoor	kg		39.00	46.0
Air Flow (Cooling)	Indoor unit	m <sup>3</sup> /min		12.8	22.0
	Outdoor unit	m <sup>3</sup> /min		39.0	38.0
Compressor Motor		kW		1.27	1.825
Refrigerant				R410A	R410A
Refrigerant Piping	liquid line	mm		6.35	6.35
	Gas line	mm		15.88	15.88
Connecting wiring	Power cord (Size x Core number)			2.5 mm <sup>2</sup> x 3 cores (Including earth cable)	2.5 mm <sup>2</sup> x 3 cores (Including earth cable)
	Out-In Interconnect (Size x Core number)			2.5 mm <sup>2</sup> x 4 cores (Including earth cable)	2.5 mm <sup>2</sup> x 4 cores (Including earth cable)
Connect method				Terminal Block (Screw fixing type)	Terminal Block (Screw fixing type)

# CONSTANT SPEED SINGLE SPLIT DELUXE (COOLING) CRS SERIES



## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



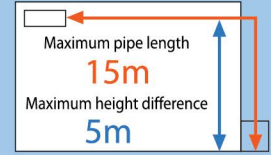
### COMFORT & CONVENIENCE



### OTHERS



### REFRIGERANT PIPE LENGTH



SRK10CRS-S4  
SRK13CRS-S4



SRK10CRS-S4



SRK13CRS-S4/A

## SPECIFICATIONS

ITEM	MODEL	INDOOR UNIT		CRS SERIES	
		INDOOR UNIT	OUTDOOR UNIT	SRK10CRS-S4 SRC10CRS-S4	SRK13CRS-S4 SRC13CRS-S4/A
Power Source				1Phase, 220 / 230V, 50Hz	
Capacity			kW	2.70	3.60
			BTU/h	9,213	12,283
Input			W	740	1,000
EER			BTU/hW	12.45	12.28
Current			A	3.5 / 3.3	4.7 / 4.5
Exterior dimensions (HxWxD)	Indoor unit	mm	268 x 790 x 213 (224 (S1, S2))		
	Outdoor unit	mm	540 x 780 (+62) x 290		595 x 780 (+62) x 290
Net weight	Indoor unit	kg	9.5		
	Outdoor unit	kg	30.0		34.0
Air Flow	Indoor unit	m <sup>3</sup> /min	10		
	Outdoor unit	m <sup>3</sup> /min	26.5		32
Compressor motor			kW	0.660	1.090
Refrigerant				R410A	
Refrigerant piping	Liquid line	mm	6.35		
	Gas line	mm	9.52		12.70
Connecting wiring			1.5 mm <sup>2</sup> x 3 cores (Including earth cable)		
Connecting method			Terminal block (Screw fixing type)		

# CONSTANT SPEED SINGLE SPLIT DELUXE (COOLING) CSS SERIES



## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



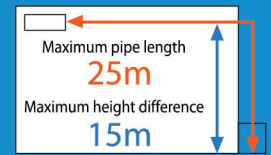
### COMFORT & CONVENIENCE



### OTHERS



### REFRIGERANT PIPE LENGTH



SRK19CSS-S4  
SRK25CSS-S4



SRK19CSS-S4



SRK25CSS-S4

## SPECIFICATIONS

ITEM	MODEL	INDOOR UNIT		CSS SERIES	
		INDOOR UNIT	OUTDOOR UNIT	SRK19CSS-S4 SRC19CSS-S4	SRK25CSS-S4 SRC25CSS-S4
Power Source				1Phase, 220 / 230V, 50Hz	
Capacity			kW	5.40	7.40
			BTU/h	18,425	25,249
Input			kW	1.46	2.065
EER			BTU/hW	12.62	12.21
Current			A	6.9 / 6.7	9.8 / 9.4
Exterior dimensions (H x W x D)	Indoor unit	mm	339 x 1,197 x 262		
	Outdoor unit	mm	640 x 850 (+65) x 290		750 x 880 (+88) x 340
Net weight	Indoor unit	kg	16.0		
	Outdoor unit	kg	41.0		57.0
Air Flow	Indoor unit	m <sup>3</sup> /min	16.0		
	Outdoor unit	m <sup>3</sup> /min	38.0		60.0
Compressor motor			kW	1.27	1.825
Refrigerant				R410A	
Refrigerant piping	Liquid line	mm	6.35		
	Gas line	mm	15.88		
Connecting wiring			2.5 mm <sup>2</sup> x 4 cores (Including earth cable)		
Connecting method			Terminal block (Screw fixing type)		

# INVERTER SINGLE SPLIT STANDARD (COOLING) YN SERIES

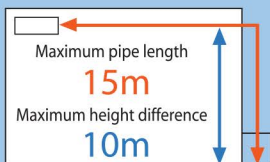


Inverter

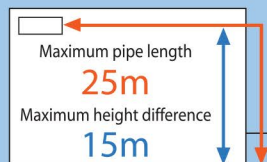


SRK10YN-S4, SRK13YN-S4, SRK18YN-S4

## REFRIGERANT PIPE LENGTH



SRK10YN-S4  
SRK13YN-S4



SRK18YN-S4



SRC10YN-S4  
SRC-13YN-S4



SRC-18YN-S4

## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



### COMFORT & CONVENIENCE



### OTHERS



## SPECIFICATIONS

MODEL			YN SERIES		
			SRK10YN-S4	SRK13YN-S4	SRK18YN-S4
ITEM	INDOOR UNIT	OUTDOOR UNIT	SRC10YN-S4	SRC13YN-S4	SRC18YN-S4
Power Source	1Phase, 220 - 240V, 50Hz				
Capacity	kW		2.50	3.20	5.00
	BTU/h		8,530	10,918	17,060
Input	kW		0.77	1.00	1.64
EER	BTU/hW		11.08	10.92	10.40
Current	A		3.7	4.7	7.4
Exterior dimensions (H × W × D)	Indoor unit	mm	262 × 769 × 210		
	Outdoor unit	mm	540 × 645 (+57) × 275		595 × 780 (+62) × 290
Net weight	Indoor unit	kg	7.0		
	Outdoor unit	kg	25	27	39.5
Air Flow (Cooling)	Indoor unit	m <sup>3</sup> /min	10.1	10.5	10.1
	Outdoor unit	m <sup>3</sup> /min	24.4	26.0	36.0
Compressor motor	kW		0.75	0.90	1.10
Refrigerant	R410A				
Refrigerant piping	Liquid line	mm	6.35(1/4")		
	Gas line	mm	9.52(3/8")		12.7(1/2")
Connecting wiring	1.5 mm <sup>2</sup> × 4cores (Including earth cable)				
Connecting method	Terminal block (Screw fixing type)				

# INVERTER SINGLE SPLIT PREMIUM (COOLING) YL SERIES

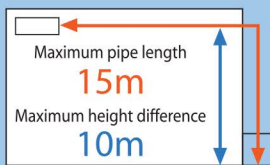


Inverter

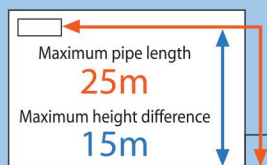


SRK10YL-S4, SRK13YL-S4, SRK18YL-S4

## REFRIGERANT PIPE LENGTH



SRK10YL-S4  
SRK13YL-S4



SRK18YL-S4



SRC10YL-S4  
SRC13YL-S4



SRC18YL-S4

## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



### COMFORT & CONVENIENCE



### OTHERS



## SPECIFICATIONS

ITEM	MODEL	YL SERIES			
		INDOOR UNIT	SRK10YL-S4	SRK13YL-S4	SRK18YL-S4
		OUTDOOR UNIT	SRC10YL-S4	SRC13YL-S4	SRC18YL-S4
Power Source		1 Phase, 220 / 230 / 240V : 50Hz, 220V : 60 Hz			
Capacity		kW	2.50	3.50	5.00
		BTU/h	8,530	11,942	17,060
Input		kW	0.67	0.98	1.56
EER		BTU/h	12.73	12.19	10.94
Current		A	3.3	4.5	7.1
Exterior dimensions (HxWxD)	Indoor unit	mm	268 x 790 x 224		
	Outdoor unit	mm	540 x 780 (+62) x 290		595 x 780 (+62) x 290
Net weight	Indoor unit	kg	8.5		
	Outdoor unit	kg	29	32	35
Air Flow (Cooling)	Indoor unit	m <sup>3</sup> /min	8.0	10.0	12.0
	Outdoor unit	m <sup>3</sup> /min	29.5	27.8	37.7
Refrigerant			R410A		
Refrigerant piping	Liquid line	mm	6.35 (1/4")		
	Gas line	mm	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
Connecting wiring		1.5 mm <sup>2</sup> x 4 cores (Including earth cable)			
Connecting method		Terminal block (Screw fixing type)			

# INVERTER SINGLE SPLIT PREMIUM (COOLING & HEATING) ZR SERIES



Inverter

## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



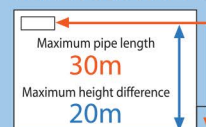
### COMFORT & CONVENIENCE



### OTHERS



### REFRIGERANT PIPE LENGTH



## SPECIFICATIONS

ITEM	MODEL	INDOOR UNIT		OUTDOOR UNIT		ZR SERIES	
		SRK80ZR-S/E		SRC80ZR-S/E		SRK80ZR-S/E	
Power source						1Phase, 220 - 240V, 50Hz	
Capacity	Cooling	kW			8.00		
		BTU/h			27,296		
	Heating	kW			9.00		
		BTU/h			30,708		
Input	Cooling	kW			2.35		
	Heating	kW			2.40		
EER/COP	in Cooling			3.40			
	in Heating			3.75			
Current	Cooling	A			10.4		
	Heating	A			10.6		
Exterior dimensions (H x W x D)	Indoor unit	mm			339 x 1,197 x 262		
	outdoor unit	mm			750 x 880 (+88) x 340		
Net weight	Indoor	kg			16.5		
	outdoor	kg			58.5		
Air Flow	Indoor unit (Cooling)	m <sup>3</sup> /min			23.5 / 20.2 / 17.5 / 10.4		
	Indoor unit (Heating)	m <sup>3</sup> /min			26.5 / 21.3 / 18.4 / 13.5		
	Outdoor unit (Cooling)	m <sup>3</sup> /min			63		
	Outdoor unit (Heating)	m <sup>3</sup> /min			49.5		
Refrigerant				R410A			
Refrigerant Control				Electronic expansion valve (EEV)			
Refrigerant piping	Liquid line	mm			6.35(1/4")		
	Gas line	mm			15.88(5/8")		
Connecting wiring	Power cord (Size x Core number)			2.5 mm <sup>2</sup> x 3 cores (Including earth cable)			
	Out-In Interconnect (Size x Core number)			1.5 mm <sup>2</sup> x 4 cores (Including earth cable)			
Connect method				Terminal Block (Screw fixing type)			

SRK80ZR-S/E



SRC80ZR-S/E

# INVERTER SINGLE SPLIT PREMIUM (COOLING) YRV SERIES



Inverter

## FUNCTIONS

### ENERGY SAVING



### AIR FLOW



### CLEAN OPERATION & FILTER



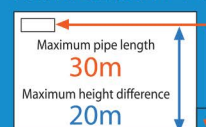
### COMFORT & CONVENIENCE



### OTHERS



### REFRIGERANT PIPE LENGTH



## SPECIFICATIONS

ITEM	MODEL	INDOOR UNIT		OUTDOOR UNIT		YRV SERIES	
		SRK24YRV-S1		SRC24YRV-S1		SRK24YRV-S1	
Power Source						1 Phase, 220 / 230 / 240V : 50Hz, 220V : 60Hz	
Capacity		kW			7.1		
		BTU/h			24,225		
Input		kW			2.05		
EER		BTU/h			11.81		
Current		A			9.1		
Exterior dimensions (HxWxD)	Indoor unit	mm			339 x 1,197 x 262		
	Outdoor unit	mm			750 x 880(+88) x 340		
Net weight	Indoor unit	kg			15.5		
	Outdoor unit	kg			57		
Air Flow (Cooling)	Indoor unit	m <sup>3</sup> /min			20.5		
	Outdoor unit	m <sup>3</sup> /min			55.0		
Refrigerant				R-410A			
Refrigerant piping	Liquid line	mm			6.35(1/4")		
	Gas line	mm			15.88(5/8")		
Connecting wiring				2.5 mm <sup>2</sup> x 4 cores (Including earth cable)			
Connecting method				Terminal Block (Screw fixing type)			

SRK24YRV-S1



SRC24YRV-S1

# FUNCTIONS

## ENERGY SAVING



### Fuzzy Auto Mode

Automatically, the unit determines its operating mode and temperature setting based on a fuzzy calculation, and adjusts the inverter frequency.



### Economy Mode

The unit realizes effective energy saving operation, while still keeping a comfortable cooling and heating condition.

## AIR FLOW



### JET Technology

Aircraft technology is used to component design the airflow system of the air conditioner.



### 3D Auto

You can choose the best cooling or heating pattern by only pushing one button.



### Auto Flap Mode

Whatever the operating mode is, the unit automatically selects the optimal angle.



### Memory Flap

While the flap is swinging, it can be stopped at any angle desired. The flap returns to the position that it was in when operation last stopped.



### Up/Down Flap Swing

Flap moves up and down continuously. The Up/Down flap swing can be fixed at the preferred operation angle.



### Right/Left Louver Swing

Louver moves right and left continuously. The Right/Left louver swing can be fixed at the preferred operation angle.



### Air Outlet Selection

Both lower and upper air outlets and upper air outlet can be selected.



### Long Reach Air Flow

With our remarkable jet flow technology. It allows at once long reach air flow (18 m) and minimum power consumption.

## CLEAN OPERATION & FILTER



### Allergen Clear Operation

The system is equipped to suppress the influence of the allergen caught by the filter by controlled the temperature and humidity.



### Self Clean Operation

The operation is operated for 2 hours after the unit has stopped its normal operation. The indoor unit is dried up and growth of mold is restrained.



### Allergen Clear Filter

The filter breaks down the pollen, lice, and all allergens that live on cat skins, etc. and deactivates them.



### Photocatalytic Washable Deodorizing Filter

It keeps air fresh by deodorizing the molecules causing odor. The deodorizing ability can be easily restored simply by cleaning and exposing to the sunlight.



### Natural Enzyme Filter

Enzymes used in the filter are naturally occurring lytic enzymes which attack cell walls of microorganisms trapped on the filter and destroy them.



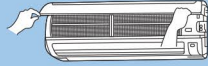
### Anti-Microbial Blower Fan

The blower fan has undergone anti-microbial treatment to resist mold and germs, making the system clean and safe. Foul odors and molds, etc. which can occur when an air conditioning system is not in operation are prevented.



### Detachable Indoor Air Inlet Panel

The air inlet panel on the indoor unit opens and closes easily, making filter cleaning simple. The suction panel can also be removed.



When removing the air inlet panel for internal cleaning or others, open the grill by 65 degrees and then pull it to this.



### One Action Filter

For easy maintenance filter can be taken off and put on easily by just 1 slide action.

## COMFORT & CONVENIENCE



### Dry Operation

The unit dehumidifies the room by intermittent cooling operation.



### High Power Operation

The unit can operate continuously in "HI POWER" mode for 15 minutes. This mode is convenient to reach the desired temperature quickly.



### Silent Operation

The sound level of outdoor units is at least 3 dB(A) lower than the nominal level.



### Night Setback

During cold seasons, room temperatures can be maintained at a comfortable level even while the room is unattended. The air conditioner keeps the temperature at 10°C.



### Weekly Timer

Up to 4 programs with timer operation (ON-TIMER/OFF-TIMER) are available for each day of the week. MAX 28 programs per week can be set.



### Compact Size

Thanks to this new fin configuration applied to "Heavy Duty Micro", the desired result is its compact size.



### Automatic Operation

The air conditioner automatically selects from among heating, cooling and dry operations.



### 24-hour On/Off Programmable Timer

By combining a start timer with a stop timer, you can register two timer operations a day. Once set, timers will faithfully start or stop the system at a specified time of the day repeatedly.



### Sleep Timer

The room temperature is automatically controlled during the set sleep mode period, ensuring that room temperature will not get too cold or too hot.



### On/Off Timer

The unit will start and stop the operation automatically at the set time.



### Comfort Start-up

In ON-TIMER operation, the unit automatically starts the operation a little earlier, so that the room can approach optimum temperature at ON time.



### Preset Operation

The desired preset operation mode can be enabled with a single touch of a button.



### Child Lock

Blocks the unit preventing tampering and inadvertent operations. This function is useful for families with young children.



### LED Brightness Adjustment

Brightness of the LED display can be adjusted to suit.



### Positioning of Installation

You can set the left-right air flow directions when you installed the air conditioner near the side wall by remote controller operation.

## Others



### Microcomputer-Operated Defrosting

This mode automatically eliminates frost, and helps minimize excessive operation in other modes.



### Self-Diagnostic Function

In the case that the air conditioner malfunctions, an internal microcomputer automatically runs a self-diagnosis. (Inspection and repair should be performed by authorized dealers.)



### Auto Restart Function

Power blackout auto restart function is a function that records the operational status of the air-conditioner immediately prior to it being switched off by a power cut, and then automatically resumes operations at that point after the power has been restored.



### Back-up Switch

On the main unit, there is a backup on/off switch, which is useful when you can't use remote control, or batteries.



### 24-hour ION

Tourmaline-coated sheet generates negative ions around the clock. Even when the air conditioner is not running, it generates as many negative ions as a forest, stream or fall does, allowing you to experience them without incurring any electricity charges.



### Luminous Button

With wireless "Luminous" remote controls that even "glow in the dark", it is possible to operate all desired functions of the unit with the click of a button.



### DC PAM Inverter

An inverter driven system has a number of performance advantages over a constant speed system. For example, its variable compressor outputs can ensure quick heating after a startup and attain a set temperature more quickly. The air conditioner can then slow down its compressor speed to save energy, keeping comfortable conditions. Moreover, the compressor is DC driven, so it provides higher performance.

## Before starting use

### Heating performance

The heating performance values (kW) described in the catalogue are the values obtained by operating at an outdoor temperature of 7°C and indoor temperature of 20°C as set forth in the ISO Standards. As the heating performance decreases the outdoor temperature drops, if the outdoor temperature is too low and the heating performance is insufficient, use other heating appliances as well.

### Indication of sound values

The sound values are the values (A scale) measured in a chamber such as an anechoic chamber following the ISO Standards. In the actual installation state, the value is normally larger than the values given in the catalog due to the effect of surrounding noise and echo. Take this into consideration when installing.

### Use in oil atmosphere

Avoid installing this unit in an atmosphere where oil scatters or builds up, such as in a kitchen or machine factory.

If the oil adheres to the heat exchanger, the heat exchanging performance will drop, mist may be generated, and the synthetic resin parts may deform and break.

### Use in acidic or alkaline atmosphere

If this unit is used in acidic atmosphere such as hot spring areas having high level of sulfuric gases or in alkaline atmosphere including ammonia or calcium chloride, places where the exhaust of the heat exchanger is sucked in, or at coastal areas where the unit is subject to salt breezes, the outer plate or heat exchanger, etc., will corrode. Please ask a dealer or specialist when you use an air conditioner in places differing from a general atmosphere.

### Use in places with high ceilings

If the ceiling is high, install a circulator to improve the heat and air flow distribution when heating.

### Refrigerant leakage

The refrigerant (R410A) used for Air conditioner is non-toxic and inflammable in its original state. However, in consideration of a state where the refrigerant leaks into the room, measures against refrigerant leaks must be taken in small rooms where the tolerable level could be exceeded. Take measures by installing ventilation devices, etc.

### Use in snowy areas

Take the following measures when installing the outdoor unit in snowy areas.

#### • Snow prevention

Install a snow-prevention hood so that the snow does not obstruct the air intake port or enter and freeze in the outdoor unit.

#### • Snow piling

In areas with heavy snow fall, the piled snow could block the air intake port. In this case, a frame that is 50cm or higher than the estimated snow fall must be installed underneath the outdoor unit.

### Automatic defrosting device

If the temperature is low, and the humidity is high, frost will stick to the heat exchanger of the outdoor unit. If use is continued, the heating performance will drop.

The "Automatic defrosting device" will function to remove this frost.

After heating for approx. three to ten minutes, it will stop, and the frost will be removed. After defrosting, hot air will be blown again.

### Servicing the air-conditioner

After the air-conditioner is used for several seasons, dirt will build up in the air-conditioner causing the performance to drop. In addition to regular servicing, we recommend the maintenance contract (charged for) by a specialist.

## Safety Precautions

### Air-conditioner usage target

The air-conditioner described in this catalog is a dedicated cooling/heating device for human use.

Do not use it for special applications such as the storage of food items, animals or plants, precision devices or valuable art, etc.

This could cause the quality of the items to drop, etc.

Do not use this for cooling vehicles or ships. Water leakage or current leaks could occur.

### Before use

Always read the "User's Manual" thoroughly before starting use.

### Installation

Always commission the installation to a dealer or specialist. Improper installation will lead to water leakage, electric shocks and fires.

Make sure that the outdoor unit is stable in installation. Fix the unit to stable base.

### Usage place

Do not install in places where combustible gas could leak or where there are sparks.

Installation in a place where combustible gas could be generated, flow or accumulate, or places containing carbon fibers could lead to fires.

### Malaysia Sole Distributor:

**TRIO ELECTRIC & AUTOMATION (M) SDN. BHD.** (646209-K)

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 Mitsubishi Heavy Industries, Ltd. -Malaysia

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220 Soi Chalongsong 31, Lamplatiev, Lad Krabang, Bangkok 10520, Thailand [www.mhi-air.maco.co.th](http://www.mhi-air.maco.co.th)

#### ISO9001

Our Air Conditioning & Refrigeration Systems Headquarters is an ISO9001 approved factory for residential air conditioners and commercial-use air conditioners (including heat pumps).



BIWAJIMA PLANT  
Mitsubishi Heavy Industries, Ltd.  
Air-conditioning & Refrigeration Systems Headquarters  
Certified ISO 9001  
Certificate number : JQA-0729  
Date of certification : December 18, 1994



MITSUBISHI HEAVY INDUSTRIES-  
MAHAJAK AIR CONDITIONERS CO., LTD.  
Certified ISO 9001  
Certificate Number: 041103 1998 0813  
Date of Registration : October 1998

#### ISO14001

Our Air Conditioning & Refrigeration Systems Headquarters has been assessed and found to comply with the requirements of ISO14001.



BIWAJIMA PLANT  
Mitsubishi Heavy Industries, Ltd.  
Air-conditioning & Refrigeration Systems Headquarters  
Certified ISO 14001  
Certificate number : JQA-EM0206  
Date of certification : November 28, 1998



MITSUBISHI HEAVY INDUSTRIES-  
MAHAJAK AIR CONDITIONERS CO., LTD.  
Certified ISO 14001  
Certificate Number: 041103 1998 0813 E3  
Date of Registration : December 2005

Because of our policy of continuous improvement, we reserve right to make changes in all specifications without notice.

**CATALOGUE NO. MACO 19-ASIA**