



2015

DX Range

Proudly supporting



Smaller design & wider range

The DX range is semi-exclusive to our partners at The Good Guys, offering High Wall Split Systems, and Ducted Systems, there is a Mitsubishi Heavy Industries Model to suit all your needs.

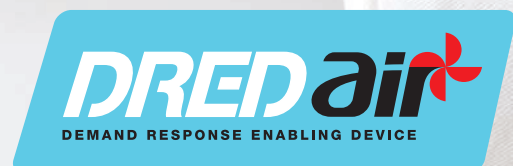
Energy efficient

Our units are smart and energy efficient to keep running costs low. With improved design these are the most energy efficient Mitsubishi Heavy Industries units yet.



Reliability and Performance

Mitsubishi Heavy Industries believes in the strong performance and reliability of our units. That's why our units are backed up by a full 5 year parts and labour warranty.



Mitsubishi Heavy Industries ducted systems features DRED (Demand Response Enabled Device). DRED's allow you to voluntarily participate in Incentive programs run by energy companies in some regions.



DX Range

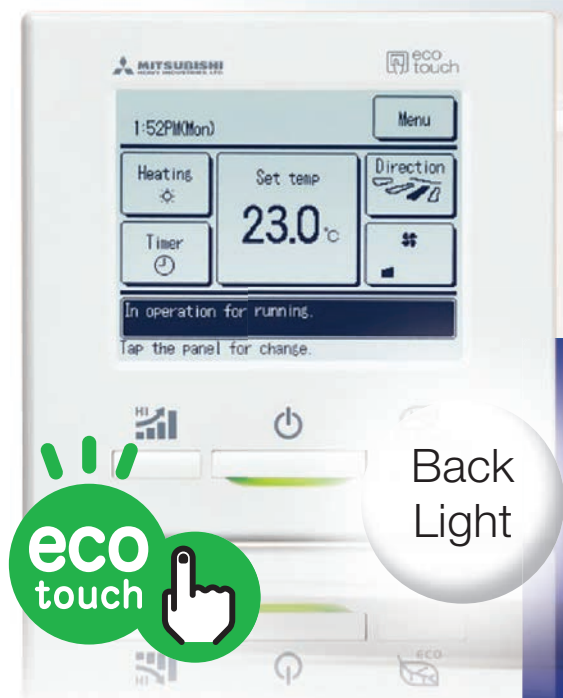
Easy to use



Change from anywhere with Intesis WiFi

Now you can control your Mitsubishi Heavy Industries Air-conditioner from anywhere with our new wifi control system. The wifi control allows you to control the features of your air-conditioner from anywhere using your iOS™ smart device or computer.

Our RC-EX1A wall controller is so easy to use, you can control your climate with the touch of a button. With control options for energy management, comfort, convenience and service. Everything you need is here.



Operation mode





DX Range

DXK-ZM-S

Reverse Cycle Inverter

2.0kW



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Your home in the cloud



FUNCTIONS

Filter



Comfort



Air Flow



Convenience & Economy



Maintenance



Others



DXK-ZM-S

Indoor			DXK06ZM-S
Outdoor			DXC06ZM-S
Power supply			1 Phase 220~240V 50Hz
Capacity	Cooling T1	kW	2.0 (1.0~2.7)
	Heating H1		2.7 (1.2~3.9)
	Heating H2		3.23
Input	Cooling T1	kW	0.44 (0.21~0.77)
	Heating H1		0.62 (0.27~1.38)
Energy label	Cooling T1	Stars	4
	Heating H1		4
EER	Cooling T1		4.55
COP	Heating H1		4.35
	Heating H2		2.64
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	59
	Heating(Outdoor)		58
Sound pressure level (JIS C9612)	Cooling(Indoor)	dB(A)	33-27-24-21
	Heating(Indoor)		36-31-24-21
Silent mode sound pressure level	Cooling(Outdoor)	dB(A)	42
	Heating(Outdoor)		45
Airflow	Cooling(Indoor)	l/s	130-93-88-80
	Heating(Indoor)		163-105-83-75
External dimensions (HxWxD)	Indoor	mm	294x798x229
	Outdoor		540x780(+62)x290
Net weight	Indoor	kg	9.5
	Outdoor		31.5
Refrigerant piping	Liquid line	mm	Ø6.35
	Gas line		Ø9.52
	Connection method		Flare connection
Refrigerant R410A	Quantity	kg	0.75
	Pre charged to pipe length	m	15
Clean filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter

DX Range

DXK-ZMA-S

Reverse Cycle Inverter

Range available from 2.5kW-5.0kW



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FUNCTIONS



DXK-ZMA-S

Indoor			DXK09ZMA-S	DXK12ZMA-S	DXK18ZMA-S
Outdoor			DXC09ZMA-S	DXC12ZMA-S	DXC18ZMA-S
Power supply			1 Phase 220~240V 50Hz		
Capacity	Cooling T1	kW	2.5 (1.0~2.9)	3.3 (1.0~3.8)	5.0 (1.6~5.5)
	Heating H1		3.2 (1.2~4.6)	4.0 (1.3~4.8)	5.8 (1.6~6.6)
	Heating H2		3.79	4.04	5.19
Input	Cooling T1	kW	0.575 (0.27~0.81)	0.87 (0.21~1.20)	1.55 (0.40~2.20)
	Heating H1		0.70 (0.27~1.36)	0.955 (0.29~1.45)	1.59 (0.42~2.10)
Energy label	Cooling T1	Stars	4	3	1.5
	Heating H1		4.5	4	2.5
EER	Cooling T1		4.35	3.79	3.23
COP	Heating H1		4.57	4.19	3.65
	Heating H2		2.62	2.80	2.40
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	58	60	61
	Heating(Outdoor)		59	61	63
Sound pressure level (JIS C9612)	Cooling(Indoor)	dB(A)	34-28-24-21	45-32-26-22	46-37-28-25
	Heating(Indoor)		39-31-24-21	42-37-25-22	45-37-31-27
Silent mode sound pressure level	Cooling(Outdoor)	dB(A)	41	45	43
	Heating(Outdoor)		42	43	45
Airflow	Cooling(Indoor)	l/s	132-100-88-83	190-107-90-83	188-130-100-88
	Heating(Indoor)		183-108-85-77	213-157-102-80	225-170-125-103
External dimensions (HxWxD)	Indoor	mm	294x798x229		
	Outdoor		595x780(+62)x290		640x800(+71)x290
Net weight	Indoor	kg	9.5		
	Outdoor		35		41
Refrigerant piping	Liquid line	mm	Ø6.35		
	Gas line		Ø9.52		Ø12.7
	Connection method		Flare connection		
Refrigerant R410A	Quantity	kg	1.15		1.35
	Pre charged to pipe length	m	15		
Clean filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter		

DX Range

DXK-ZMA-S

Reverse Cycle Inverter

Range from 7.1kW-9.2kW



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FUNCTIONS

Filter



Comfort



Air Flow



Convenience & Economy



Maintenance



Others



DXK-ZMA-S

Indoor			DXK24ZMA-S	DXK28ZMA-S	DXK32ZMA-S
Outdoor			DXC24ZMA-S	DXC28ZMA-S	DXC32ZMA-S
Power supply			1 Phase 220~240V 50Hz		
Capacity	Cooling T1	kW	7.1 (2.15~8.0)	8.0 (2.15~9.0)	9.2 (2.4~10.0)
	Heating H1		8.0 (1.6~10.0)	9.0 (1.7~10.5)	10.0 (2.2~11.2)
	Heating H2		7.70	8.10	9.40
Input	Cooling T1	kW	2.16 (0.54~2.80)	2.35 (0.54~3.00)	2.54 (0.47~3.07)
	Heating H1		2.14 (0.37~3.40)	2.57 (0.37~3.65)	2.84 (0.43~3.76)
Energy label	Cooling T1	Stars	2		2.5
	Heating H1		2.5	2	
EER	Cooling T1		3.29	3.40	3.62
COP	Heating H1		3.74	3.50	3.52
	Heating H2		2.49	2.64	2.80
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	66	69	67
	Heating(Outdoor)		63	70	67
Sound pressure level (JIS C9612)	Cooling(Indoor)	dB(A)	49-45-39-26	51-47-41-26	
	Heating(Indoor)		46-43-38-35	48-45-40-37	49-46-42-38
Silent mode sound pressure level	Cooling(Outdoor)	dB(A)	45	48	49
	Heating(Outdoor)		44	50	50
Airflow	Cooling(Indoor)	l/s	325-292-233-133	350-308-250-133	
	Heating(Indoor)		358-325-258-233	392-342-283-250	
External dimensions (HxWxD)	Indoor	mm	318x1098x248		
	Outdoor		750x880(+88)X340	845x970x370	1300x970x370
Net weight	Indoor	kg	16		
	Outdoor		57	63	92
Refrigerant piping	Liquid line	mm	Ø6.35		
	Gas line		Ø15.88		
	Connection method			Flare connection	
Refrigerant R410A	Quantity	kg	1.8	2.2	3.15
	Pre charged to pipe length		m	15	
Clean filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter		

DX Range

SRK-YL-S

Cooling Only Inverter

Range available from 2.5kW - 5.0kW



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FUNCTIONS

Filter	Comfort	Air Flow
Enzyme Filter	SUN Filter	Auto
On Timer	OFF Timer	On 24h Timer Off
Convenience & Economy	HI POWER	3D Auto
Auto Flap	Air Scroll	Memory
UP/DOWN	Lateral Swing	Positioning of Installation
Maintenance	Others	
Self Diagnostic	Detachable	Back-up Switch
Auto Restart	24h ON	Luminous

SRK-YL-S

Indoor			SRK10YL-S	SRK13YL-S	SRK18YL-S
Outdoor			SRC10YL-S	SRC13YL-S	SRC18YL-S
Power supply			1 Phase 220~240V 50Hz		
Capacity	Cooling T1	kW	2.5 (1.0~2.7)	3.5 (1.0~3.7)	5.0(1.6~5.5)
Input	Cooling T1		0.67 (0.21~0.88)	0.98 (0.21~1.24)	1.56 (0.40~2.20)
Energy label	Cooling T1	Stars	2.5	2.5	1.5
EER	Cooling T1		3.73	3.57	3.21
Sound power level (JIS C9612)	Cooling(Outdoor)	dB (A)	59	62	67
Airflow	Cooling(Indoor)	L/s	133-103-75	167-113-77	200-127-78
External dimensions (HXWxD)	Indoor	mm	268x790x213		
	Outdoor		540x780(+62)x290		595x780x(+62)x290
Net weight	Indoor	kg	8.5		9.5
	Outdoor		29	32	35
Refrigerant piping	Liquid line	mm	Ø6.35		
	Gas line		Ø9.52		Ø12.7
	Connection method		Flare connection		
Refrigerant R410A	Quantity	kg	0.7	0.95	1.3
	Pre Charged To Pipe Length	m	15		
Clean filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter		

SRK Range

SRK-YMA-S

Cooling Only Inverter

7.1kW



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FUNCTIONS



SRK-YMA-S

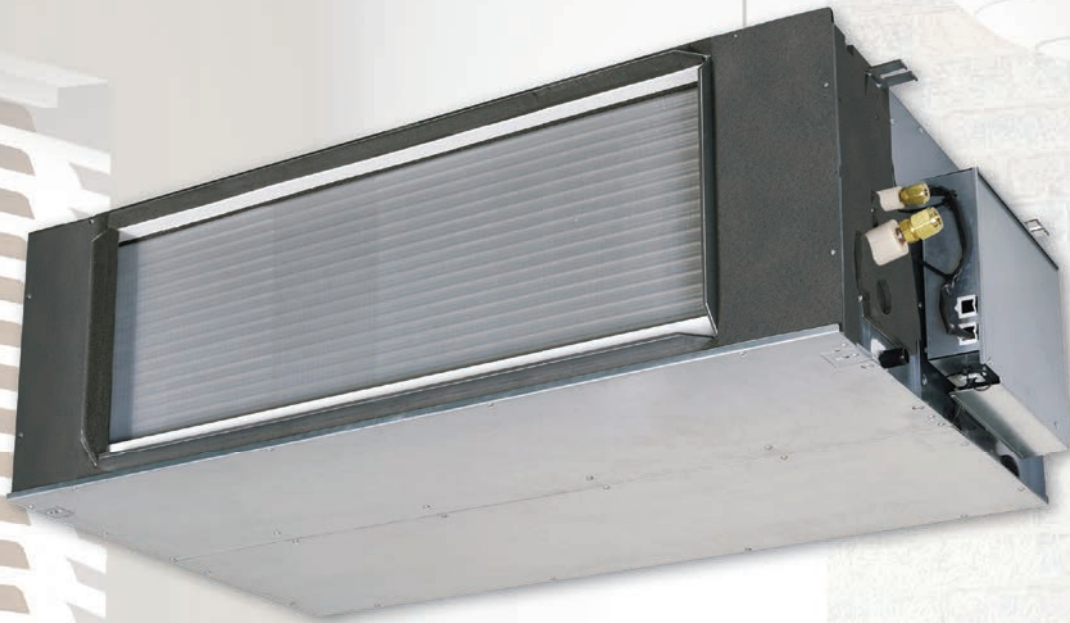
Indoor			SRK24YMA-S
Outdoor			SRC24YMA-S
Power supply			1 Phase 220~240V 50Hz
Capacity	Cooling T1	kW	7.1 (2.15~8.0)
Input	Cooling T1		2.16 (0.54~2.80)
Energy label	Cooling T1	Stars	2
EER	Cooling T1		3.29
Sound power level (JIS C9612)	Cooling(Outdoor)	dB (A)	66
Sound pressure level (JIS C9612)	Cooling Indoor	dB(A)	49-45-39-26
Silent mode sound pressure	Cooling Outdoor	dB(A)	45
Airflow	Cooling(Indoor)	L/s	325-292-233-133
External dimensions (HxWxD)	Indoor	mm	318x1098x248
	Outdoor		750x880(+88)x340
Net weight	Indoor	kg	16
	Outdoor		56
Refrigerant piping	Liquid line	mm	Ø6.35
	Gas line		Ø15.88
	Connection method		Flare connection
Refrigerant R410A	Quantity	kg	1.8
	Pre Charged To Pipe Length	m	15
Clean filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter

SRK Range

F Dua

Duct connected - High static pressure

Range available from 7.1kW - 20.0kW



Remote control (Options)

Wired



RC-EX1A



RC-E5



RCH-E3

Wireless



RCN-KIT3-E



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DREDair 
DEMAND RESPONSE ENABLING DEVICE

FDUA

Set			FDUA71AVNXVF	FDUA100AVNVF	FDUA125AVNXVF	FDUA140AVNXVF	FDUA160VSVF	
Indoor			FDUA71VF	FDUA100VF	FDUA125VF	FDUA140VF	FDUA160VF	
Outdoor			FDCA71VNX	FDCA100VN	FDCA125VNX	FDCA140VNX	FDCA160VS	
Power supply	Outdoor Unit		1 Phase 220~240V 50Hz				3 Phase 415V 50Hz	
Capacity	Cooling T1	kW	7.1 (3.2-8.0)	10.0 (4.0-11.2)	12.5 (5.0-14.0)	14.0 (5.0-14.5)	16.0 (7.0-20.0)	
	Heating H1		8.0 (3.6-9.0)	11.2 (4.0-12.5)	14.0 (4.0-17.0)	16.0 (4.0-18.0)	18.0 (7.6-22.4)	
Input	Cooling T1	kW	2.22	3.05	3.83	4.44	5.02	
	Heating H1		2.22	2.87	3.68	4.41	4.96	
EER	Cooling T1		3.20	3.28	3.26	3.15	3.19	
COP	Heating H1		3.60	3.90	3.80	3.63	3.63	
Sound pressure level (JIS C9612)	Indoor	dB (A)	P-Hi:38 Hi:33 Me:29 Lo:25	P-Hi:43 Hi:42 Me:40 Lo:37	P-Hi:45 Hi:43 Me:41 Lo:37	P-Hi:47 Hi:46 Me:43 Lo:40	P-Hi:49 Hi:48 Me:45 Lo:42	
	Outdoor		51	49	48	49	57	
Sound power level (JIS C9612)	Outdoor	dB(A)	66	70	70	72	74	
Airflow	Indoor	l/s	P-Hi: 400 Hi: 317 Me: 250 Lo: 167	P-Hi:650 Hi:600 Me:550 Lo:483	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:850 Hi:800 Me:700 Lo:600		
External static pressure		Pa	200					
External dimensions (HXWxD)	Indoor	mm	280x950x635	398x1150x650				
	Outdoor		750x880(+88)x340	845x970x370	1300x970x370		1505x970x370	
Net weight	Indoor	kg	34	52				
	Outdoor		60	81	105		140	
Refrigerant piping	Liquid line	mm	Ø9.52				Ø12.7	
	Gas line		Ø15.88				Ø22.22 , Ø25.4 or Ø28.58*	
	Connection method		Flare Connection				Liquid: Flare / Gas: Brazing	
Refrigerant R410A	Quantity	kg	2.95	3.8	4.5		7.2	
	Pre charged to pipe length	m	30					
Maxium pipe length		m	50			100		*70
Supply air connection		mm	170x880	348x898				
Return air connection		mm	200x740	348x898				
Controller			RC-EX1A Options RC-E5 or RCN-KIT3-E					

* Use Ø22.22 for pipe run up to 35 metres. Use either Ø25.4 or Ø28.58 for pipe run exceeding 35 metres up to maximum 70 metres

* Use Ø22.22 for pipe run up to 35 metres. Use either Ø25.4 or Ø28.58 for pipe run exceeding 35 metres up to maximum 70 metres

FDUA Range

FDT

Reverse Cycle Inverter Cassette

Range available from 5.6kW - 14.0kW



Remote control (Options)

Wired



RC-EX1A



RC-E5



RCH-E3

Wireless



RCN-T36W-E



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DREDair 
DEMAND RESPONSE ENABLING DEVICE

FDT

Set			FDT60ZMXAVF	FDT71AVNXVF1	FDT100AVNVF1	FDT125AVNXVF	FDT140AVNXVF
Indoor			FDT60VF	FDT71VF1	FDT100VF1	FDT125VF	FDT140VF
Outdoor			SRC60ZMXA-S	FDCA71VNX	FDCA100VN	FDC125AVNX	FDCA140VNX
Power supply	Indoor Unit		1 Phase 220~240V 50Hz				
Capacity	Cooling T1	kW	5.6 (1.1-6.3)	7.1 (3.2-8.0)	10.0 (4.0-11.2)	12.5 (5.0-14.0)	14.0 (5.0-16.0)
	Heating H1		6.7 (0.6-7.1)	8.0 (3.6-9.0)	11.2 (4.0-12.5)	14.0 (4.0-17.0)	16.0 (4.0-18.0)
	Heating H2		5.29	7.2	N/A	15.6	13.8
Input	Cooling T1	kW	1.52	2.04	2.76	3.28	4.19
	Heating H1		1.70	1.94	2.74	3.43	4.20
EER	Cooling T1		3.68	3.48	3.62	3.81	3.34
COP	Heating H1		3.94	4.12	4.09	4.08	3.81
Sound pressure level (JIS C9612)	Indoor	dB (A)	P-Hi:46 Hi:33 Me:31 Lo:30	P-Hi:46 Hi:35 Me:33 Lo:31	P-Hi:51 Hi:40 Me:37 Lo:35	P-Hi:51 Hi:42 Me:40 Lo:37	P-Hi:51 Hi:43 Me:41 Lo:38
	Outdoor		54	51	49	50	52
Sound power level (JIS C9612)	Outdoor	dB(A)	65	66	70		72
Airflow	Indoor	l/s	P-Hi: 466 Hi: 300 Me: 266 Lo: 233	P-Hi: 466 Hi: 350 Me: 316 Lo: 283	P-Hi: 616 Hi: 450 Me: 400 Lo: 333	P-Hi: 616 Hi: 500 Me: 450 Lo: 383	P-Hi: 616 Hi: 500 Me: 450 Lo: 383
Panel		mm	T-PSA-3BW-E (35x950x950)				
External dimensions (HxWxD)	Indoor	mm	246x840x840		298x840x840		
	Outdoor		640x800(+71)x290	750x880(+88)x340	845x970x370	1300x970x370	
Net weight	Indoor	kg	Unit 24 Panel 5.5		Unit 27 Panel 5.5		
	Outdoor		45	60	81	105	
Refrigerant piping	Liquid line	mm	Ø6.35	Ø9.52			
	Gas line		Ø12.7	Ø15.88			
	Connection method			Flare connection			
Refrigerant R410A	Quantity	kg	1.5	2.95	3.8	4.5	
	Pre charged to pipe length		m	15	30		
Maxium pipe length		m	30	50		100	
Controller			RC-EX1A Options RC-E5 or RCN-T-36W-E				

FDT Range

Before starting use

Heating performance

The heating performance values (kW) described in catalog 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 as 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 nonflammable 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 foodstuffs, animals or plants, computer server rooms, 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.

Only persons that are qualified and licensed are permitted to install and service products that contain refrigerants in Australia, go to www.arctick.org. Suitable access for service must be provided in compliance with industry standards and local regulations.

Proudly supporting



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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-EM009



MITSUBISHI HEAVY INDUSTRIES-
MAHAJAK AIR CONDITIONERS CO., LTD.
Certified ISO 9001
Certificate Number : 04100 1998 0813

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-EM0258



MITSUBISHI HEAVY INDUSTRIES-
MAHAJAK AIR CONDITIONERS CO., LTD.
Certified ISO 14001
Certificate Number : 04104 1998 0813 E3

