

# Reverse Cycle Split, Window & Portable air conditioners

Maximum flexibility with minimum cost.



30 million units a year sold  
worldwide – that should  
make you feel comfortable.

 **Midea**<sup>®</sup>  
air conditioning

# Reverse Cycle Split Systems

## DC Inverter & Fixed Speed

## Advanced Technology

### Active Carbon and Dust Filter

Made of Active Carbon and Electrostatic Fibre, this filter aids in eliminating certain kinds of odours such as ammonia (NH<sub>3</sub>) and aids in deactivating harmful chemical gases such as formaldehyde (HCHO). By forming positive positions on the filter surface, the Electrostatic Fibre Filter traps small dust particles, smoke and pet fur to further aid in preventing allergic reactions.

### Rotary Compressor

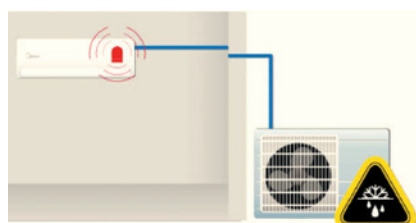
Rotary Compressors reduce both noise and vibration. Midea air conditioners use both Single Rotary and Twin Rotary compressors depending on the model.

### Refrigerant leakage detection

Because of the very nature of the installation of Split air conditioners it is possible that a unit may develop a refrigerant leak.

Whilst the main effect is to reduce the performance of your unit, too much reduction in the volume of refrigerant could damage the compressor.

Midea splits will display an "EC" indicator on the indoor unit so that you can get your unit inspected before any damage is done.

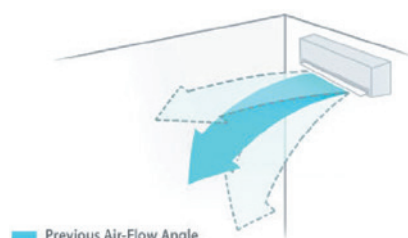


### Bio Filter

A specialized biological enzyme and Eco filter. The Eco filter catches very small airborne dust particles and aids in neutralising bacteria, fungi and microbes. Biological enzyme acts on bacteria by dissolving their cell wall thus reducing the problem of re-pollution seen in air conditioners without such filtration.

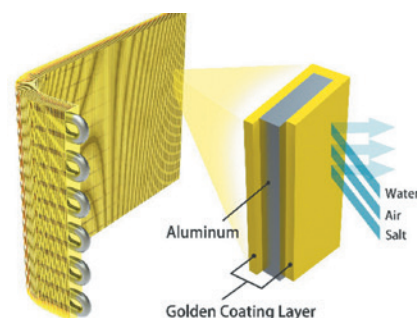
### Louvre Position Memory Function

When starting the unit again after shutting down, the louvre will restore to the angle originally set by the user.



### Gold Fin Protection

This corrosion resistant material on the condenser fins enhances and prolongs the heat exchange capacity of the outdoor unit, extending the working life of your air conditioner.



Left or right drainage take off points\*.

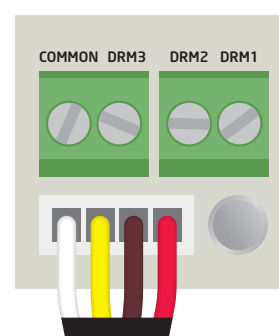
\*Applies to all models.

### LCD Display

The LCD display shows the current temperature setting at a glance (on/off selectable).

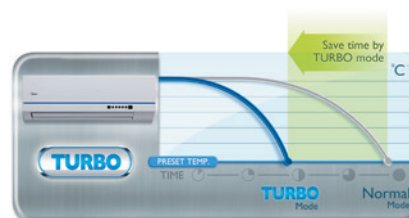
### Demand Response Function

The condensers for all Inverter models apart from the DMORC28 have D.R.E.D. (also known as Peak Smart Compatible) connection to outdoor.



### Turbo Mode

Helps the unit reach the preset temperature in the shortest time.





## Auto Restart

Should the power go off, the unit will automatically restore the previous function setting as soon as it comes on again.

## Sleep Mode

This function enables the air conditioner to automatically increase (in cooling mode) or decrease (in heating mode) 1°C per hour for the first two hours, then hold steady for the next five hours. After that it will revert to the original setting. This maintains comfort during the night as well as saving energy.

## Service Valve Protection Cover

Protection covers prevent condensate water dripping off the service valves when units are installed overhead.

## Built-In Electronic Diagnostics

Midea air conditioners are very easy to service because the technician can see at a glance where the problem is likely to be.

Quicker problem diagnosis helps reduce labour costs.

## 5 Year Residential Warranty\*

A five year warranty provides further peace of mind. Ensure that your installer is qualified and licensed to avoid risking your warranty.

\*Some exclusions apply.

## SSS Service System

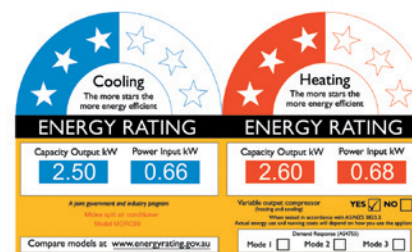
The SSS system is a designated help line (1300 726 002) which saves you having to organise servicing through the original reseller or find an appointed service repairer. The help line takes your purchase details and establishes the problem, then contacts an appointed service centre and arranges for the work to be done.

## Hot Start

On startup, the fan only operates after the indoor coil is heated to avoid a cold air draft.

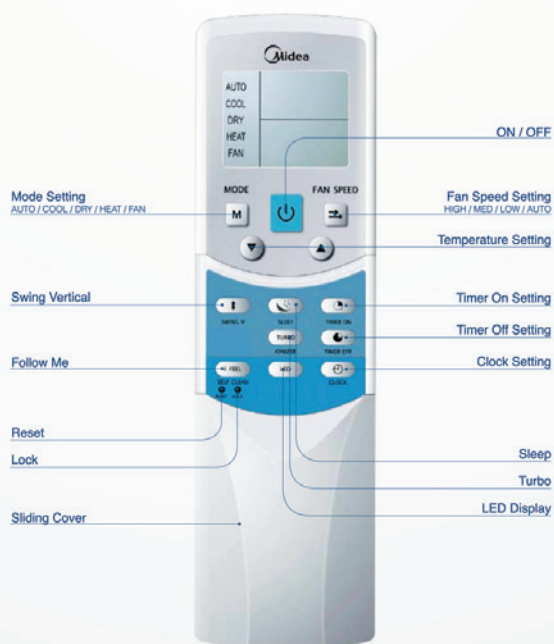
## Energy Efficient

Energy efficiency is a priority, continually improving in line with Australian Government M.E.P.S. standards. Standby power has been reduced to only 20% of previous models by the use of intelligent On/Off technology.



## Remote Control

Comfort is always at hand with your user-friendly remote control.



(Actual remote control may differ from unit shown)

# DC Inverter Split System Reverse Cycle



## Self Cleaning

When this function is activated, the indoor unit firstly operates in cooling mode with low fan speed. During this period condensed water removes dust from evaporator fins. The unit then turns to heating operation with low fan speed to dry interior of indoor unit. Finally it turns to fan only mode and blows away the wet air. The whole process cleans the interior of the indoor unit and aids in preventing breeding of bacteria.

## Follow Me / I Feel

With this technology, a temperature sensor is built into the remote control. When activated, the unit automatically changes the operation mode to supply accurate temperature based on where the remote control is located.



Auto Restart  
Function



Turbo Mode



Sleep Mode











**DMORC28 - 8.15kw cooling / 9.3kw heating**



**FMV09DR - 2.45kw cooling / 2.6kw heating**  
**FMV12DR - 3.5kw cooling / 3.7kw heating**  
**FMV18DR - 5.0kw cooling / 5.3kw heating**  
**FMV24DR - 6.7kw cooling / 6.7kw heating**

# Specifications

MODEL			FMV09DR	FMV12DR	FMV18DR	FMV24DR	DMORC28
Power Supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
		TO	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR
Cooling	Capacity	W	2450(1350-2700)	3500(1700-3700)	5000(2750-5200)	6700(3700-7000)	8150(3300-9000)
	Input	W	660(340-820)	960(410-1120)	1580(790-1790)	2120(1060-2460)	2370(830-2900)
	Rated Current	A	3.4(1.7-4.2)	4.7(2.0-5.5)	7.2(3.6-8.2)	9.6(4.8-11.1)	10.8(4.0-14)
	AEER (Part Load)	w/w	3.67	(3.62)	(3.15)	(3.15)	3.43
Heating	Capacity	W	2600(1430-2900)	3700(1900-4000)	5300(2900-5800)	6700(3700-7000)	9300(4200-10000)
	Input	W	680(340-850)	970(450-1180)	1490(750-1720)	2090(1050-2410)	2700(940-3230)
	Rated Current	A	3.5(1.7-4.3)	4.7(2.2-5.8)	7.0(3.4-7.9)	9.5(4.8-11.0)	12.4(4.5-15.6)
	ACOP (Part Load)	w/w	3.77	(3.77)	(3.53)	(3.19)	3.43
Energy Rating	Cooling (CEC/MEPS)						
	Heating (CEC/MEPS)						
Moisture Removal		L/hr	1.0	1.2	1.8	2.4	3.0
Max Input Consumption		W	2000	2100	2600	2800	3500
Max Current		A	9.5	10.0	12.5	13.5	15
Starting Current		A	2.0	2.0	2.0	2.5	3.0
Compressor Type			ROTARY	ROTARY	ROTARY	TWIN ROTARY	TWIN ROTARY
Indoor Air Flow (H/M/L)		L/Sec	169/141/113	227/172/133	305/277/230	319/291/238	403/386/356/242/208
Indoor Noise Level (H/M/L)		dB(A)	38/34/29	41/32/27	48/45/37	46/43/37	53/51/45/36/34
Indoor Unit Dimension (WxDxH)		mm	800x188x275	940x205x275	1045x235x315	1045x235x315	1186x258x343
Indoor Unit Weight (Net/Gross)		Kg	7.5 / 9.5	10 / 13	12.5 / 16	12.5 / 15.5	17.5 / 22.5
Outdoor Noise Level (Sound Pressure)		dB(A)	54	54	56	61	61
Outdoor Noise Level (Sound Power)		dB(A)	62	62	65	70	70
Outdoor Unit Dimension (WxDxH)		mm	760x285x590	760x285x590	845x320x700	900x315x860	945x395x810
Outdoor Unit Weight (Net/Gross)		Kg	34 / 37	34 / 37	39.2/42.6	59 / 63	62.1 / 66.6
Refrigerant Type R410A		g	1070g	1070g	1750g	2200g	2550g
		Pre-charged for (m)	5	5	5	5	5
Refrigerant Piping	Liquid Side/Gas	mm	6.35/9.52 (1/4"/3/8")	6.35/12.7 (1/4"/1/2")	6.35/12.7 (1/4"/1/2")	9.52/15.9 (3/8"/5/8")	9.52/15.9 (3/8"/5/8")
	Max Pipe Length	m	25	25	30	30	50
	Min Pipe Length	m	3	3	3	3	3
	Difference in Level	m	10	10	20	20	25
Ambient Temperature (Cooling/Heating)		°C	0~50/-15~30	0~50/-15~30	0~50/-15~30	0~50/-15~30	-15~50/-15~30

Specifications based on Testing conditions as specified in AS/NZ3823 1.1:1998. Cooling: Indoor DB 27°C WB 19°C, Outdoor DB 35°C WB 24°C. Heating: Indoor DB 20°C, Outdoor DB 7°C. Star Rating, Comparative Energy Consumption (CEC) and Minimum Energy Performance Standards (MEPS) conform to AS/NZS3823.2 (2013) \*Output Capacity is reduced once ambient temperature is >35°C or <7°C. Design and specifications are subject to change E&OE



# Fixed Speed Split Systems



MEF09 – 2.7kw cooling / 2.8kw heating  
MEF12 – 3.5kw cooling / 3.5kw heating  
MEF18 – 5.1kw cooling / 5.3kw heating  
MEF24 – 6.4kw cooling / 7.0kw heating



Auto Restart  
Function



Turbo Mode



Sleep Mode

## Self Cleaning









When this function is activated, the indoor unit firstly operates in cooling mode with low fan speed. During this period condensed water removes dust from evaporator fins. The unit then turns to heating operation with low fan speed to dry interior of indoor unit. Finally it turns to fanonly mode and blows away the wet air. The whole process cleans the interior of the indoor unit and aids in preventing breeding of bacteria.

## Follow Me / I Feel

With this technology, a temperature sensor is built into the remote control. When activated, the unit automatically changes the operation mode to supply accurate temperature based on where the remote control is located.



# Specifications

MODEL			MEF09	MEF12	MEF18	MEF24
Power Supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
		TO	INDOOR	INDOOR	INDOOR	OUTDOOR
Cooling	Capacity	W	2700	3500	5100	6400
	Input	W	720	940	1550	1940
	Rated Current	A	3.3	4.3	7.1	8.9
	AEER	w/w	3.72	3.70	3.28	3.29
Heating	Capacity	W	2800	3500	5300	7000
	Input	W	730	940	1600	2120
	Rated Current	A	3.3	4.3	7.3	9.7
	ACOP	w/w	3.80	3.70	3.30	3.29
Energy Rating	Cooling (CEC/MEPS)		 3.0	 3.0	 2.0	 2.0
	Heating (CEC/MEPS)		 3.0	 3.0	 2.0	 2.0
Moisture Removal		L/hr	1.0	1.2	1.8	2.4
Max Input Consumption		W	1020	1320	1900	2400
Max Current		A	4.5	6.0	9.7	12.4
Starting Current		A	22	30	34	32
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY
Indoor Air Flow (H/M/L)		L/Sec	175/152/116	227/194/169	305/286/233	319/288/236
Indoor Noise Level (H/M/L)		dB(A)	41/35/29	44/39/35	46/42/38	48/44/38
Indoor Unit Dimension (WxDxH)		mm	800x188x275	940x205x275	1045x235x315	1045x235x315
Indoor Unit Weight (Net/Gross)		Kg	7.5/9.7	9.6/12.9	12.7/16.2	12.4/15
Outdoor Noise Level (Sound Pressure)		dB(A)	56	58	62	62
Outdoor Noise Level (Sound Power)		dB(A)	65	67	71	71
Outdoor Unit Dimension (WxDxH)		mm	780x250x540	780x250x540	845x320x700	900x315x860
Outdoor Unit Weight (Net/Gross)		Kg	28.4/30.8	32.4/34.8	46.8/50	60.5/65.3
Refrigerant Type R410A		g	1030g	1280g	1900g	2000g
		Pre-charged for (m)	5	5	5	5
Refrigerant Piping	Liquid Side/Gas	mm	6.35/ 9.52 (1/4"/3/8")	6.35/ 12.7 (1/4"/1/2")	6.35/ 12.7 (1/4"/1/2")	9.52/ 15.9 (3/8"/5/8")
	Max Pipe Length	m	25	25	30	30
	Min Pipe Length	m	3	3	3	3
	Difference in Level	m	10	10	20	20
Ambient Temperature (Cooling/Heating)		°C	18 43/-7 24	18 43/-7 24	18 43/-7 24	18 43/-7 24

Specifications based on Testing conditions as specified in AS/NZ3823 1.1:1998. Cooling: Indoor DB 27°C WB 19°C, Outdoor DB 35°C WB 24°C. Heating: Indoor DB 20°C, Outdoor DB 7°C. Star Rating, Comparative Energy Consumption (CEC) and Minimum Energy Performance Standards (MEPS) conform to AS/NZS3823.2 (2013) \*Output Capacity is reduced once ambient temperature is >35°C or <7°C. Design and specifications are subject to change E&OE

# Window/Wall Air Conditioners



## Sliding Chassis

The casing slides out easily to allow simple installation and servicing.

## Slinger-up System

All refrigerated air conditioners develop condensate water when in cooling mode. Midea Window/ Wall units use a “slinger” fan to agitate this condensate onto the condenser to increase the efficiency of the unit. This means that the bulk of the condensate is used up; reducing the need to drain the unit.\*



## Remote Control

Your easy to operate remote control\* puts comfort at your fingertips.

## Rotary Compressor

The rotary compressor reduces noise and vibration.

## Removable Panel

The front panel is easily removed for periodic cleaning.

## Fresh Air Switch

Pressing the “Fresh Air” button draws in fresh air from outside, as air pressure expels air from inside.

## Dual Drainage

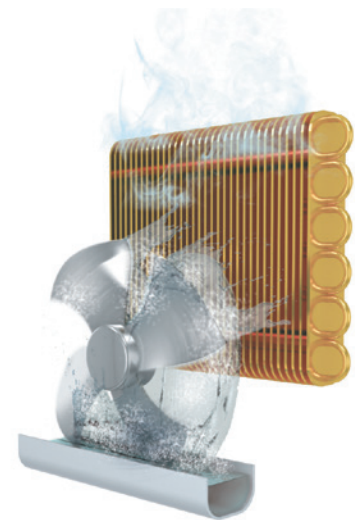
Alternative drainage points provide versatility for different drainage situations.

## Automatic Left to Right Airflow

Gives even air distribution.

## 5 Year Warranty

A five year warranty provides further peace of mind.\*\*



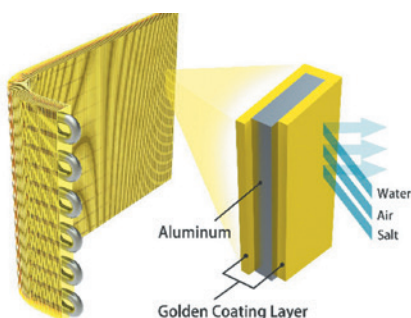
## SSS Service System

The SSS system is a designated help line (1300 726 002) which saves you having to organise servicing through the original reseller or find an appointed service repairer. After taking your purchase details and establishing the problem, the help line will contact an appointed service centre for you and arrange for the work to be done.

\*There will always be situations of high humidity where the condensate produced may have to be drained away. \*\*Some exclusions apply.

## Gold Fin Condenser













The Golden hydrophilic condenser improves the heating efficiency in Reverse Cycle models by accelerating the defrosting process. The special anti-corrosive golden coating on the condenser also aids in withstanding the effects of salty air, rain and other corrosive elements by allowing contaminated water on the coil to run off more quickly reducing the corrosive effect to the coil. Heat exchange performance is much longer lasting.





# Specifications



			COOLING ONLY				HEATING & COOLING			
MODEL			MWF-05CB4	MWF-07CB4	MWF-09CB4	MWF-12CB4	MWF-07HB4	MWF-09HB4	MWF-12HB4	MWF18HB4
Power supply		V-Hz-Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph	220-240V~50Hz 1Ph
Cooling	Capacity	W	1600	2130	2600	3600	2230	2600	3500	5500
	Input	W	500	640	790	1090	660	790	1050	1730
	Rated current	A	2.4	2.9	3.6	5.0	3.0	3.6	4.8	7.7
	AEER	W/W	3.19	3.32	3.28	3.30	3.37	3.28	3.33	3.17
Heating	Capacity	W	—	—	—	—	1970	2350	3200	4700
	Input	W	—	—	—	—	580	700	960	1470
	Rated current	A	—	—	—	—	2.7	3.2	4.4	6.5
	ACOP	W/W	—	—	—	—	3.39	3.35	3.33	3.19
Star Rating	Cooling		 1.5	 2.0	 2.0	 2.0	 2.0	 2.0	 2.0	 1.5
	Heating		—	—	—	—	 2.0	 2.0	 2.0	 1.5
Moisture Removal		L/h	0.7	0.8	1.0	1.2	0.8	1.0	1.2	1.8
Max. input consumption		W	650	850	1100	1600	850	1100	1600	2450
Max. current		A	3.0	3.8	5.0	6.8	3.8	5.0	6.8	12.5
Starting current		A	11	15	16	20.1	15	16	25.1	36
Plug type		A	10	10	10	10	10	10	10	15
Control Type			Remote	Remote	Remote	Remote	Remote	Remote	Remote	Remote
Compressor Type			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Indoor air flow (Hi/Mi/Lo)		L/Sec	108/95/84	105/95/86	127/113/100	197/180/158	105/95/86	127/113/100	197/180/158	227/200/175
Indoor noise level (Hi/Mi/Lo)		dB(A)	49/46/43	51/48/45	51/48/45	53/50/47	51/48/45	51/48/45	54/51/48	59/56/53
Outdoor noise level (Sound pressure)		dB(A)	58/54/51	58/55/52	58/55/52	58/56/53	58/55/52	58/55/52	58/56/53	66/62/59
Outdoor noise level (Sound power)		dB(A)	66	66	67	67	66	67	68	74
Refrigerant type		g	R410A/325g	R410A/430g	R410A/480g	R410A/670g	R410A/530g	R410A/755g	R410A/870g	R410A/1280g
Operation temp		°C	17-32	17-32	17-32	17-32	17-32/0-27	17-32/0-27	17-32/0-27	17-32/0-27
Ambient temp (cooling/heating)		°C	18-43/---	18-43/---	18-43/---	18-43/---	18-43/-5-24	18-43/-5-24	18-43/-5-24	18-43/-5-24
Dimension (W*D*H)		mm	450x535x346	600x560x380	600x560x380	660x680x428	600x560x380	600x560x380	660x680x428	660x780x428
Weight (net/Gross)		Kg	25/27	35/39	36/40	46/50	34/38	36/40	47/51	63/72

Specifications based on Testing conditions as specified in AS/NZ3823 1.1:1998. Cooling: Indoor DB 27°C WB 19°C, Outdoor DB 35°C WB 24°C. Heating: Indoor DB 20°C, Outdoor DB 7°C. Star Rating, Comparative Energy Consumption (CEC) and Minimum Energy Performance Standards (MEPS) conform to AS/NZS3823.2 (2013) \*Output Capacity is reduced once ambient temperature is >35°C or <7°C. Design and specifications are subject to change E&OE

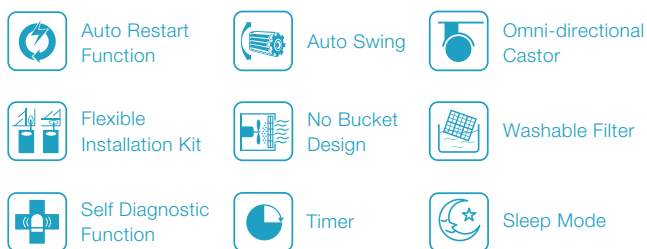
# Reverse Cycle Portable

The new MPPD12 model has a cooling capacity of 3.5kW making it perfect for use in bedrooms or spot cooling in larger areas. As it is true reverse cycle it is much more energy efficient than portables that use an element for their heating.

The unit comes with an exhaust hose with fittings to either connect permanently to an outside wall or to a sliding window.

The MPPD12 uses a 'slinger' fan to agitate the condensate water onto the condenser, which increases the efficiency of the unit and reduces the need for draining.\* It also comes with a 2 Year Warranty for Residential Use.\*\*

## Standard Features



\*In high humidity situations where excess condensate has to be drained away the unit has an alarm and warning light to indicate that the tank needs to be drained. \*\*This warranty is a carry in warranty to nearest service centre.



MODEL		MPPD12HRN1
Power supply		Ph-V-Hz
Cooling	Capacity	W
	Input	W
	Rated current	A
	EER	W/W
Heating	Capacity	W
	Input	W
	Rated current	A
	COP	W/W
Moisture Removal		L/h
Max. input consumption		W
Max. current		A
Starting current		A
Control type		Remote Control
Compressor type		ROTARY
Refrigerant type		R410A/550g
Indoor air flow (Hi/Mi/Lo)		L/Sec
Indoor noise level (Hi/Mi/Lo)		dB(A)
Dimension (W*D*H)		mm
Packing (W*D*H)		mm
Net/Gross weight		Kg
Ambient temp		°C

# Feeling comfortable with Midea

Making you feel comfortable is what air conditioning is all about. And naturally you want to be certain that the brand you're considering is every bit as good, and preferably better, than others on the market. So here are a few things you should know about Midea.

Although relatively new in Australia, Midea actually makes more air conditioners than just about anyone you can think of. In fact over 20% of all the air conditioners in the world come out of our factories.

We export more of them than anyone else in the world. Selling over 30 million units a year, in over 150 countries.

In Australia, we offer the largest range of air conditioning systems comprising inverter and fixed speed split systems, window, portable, ducted, multi-head and commercial systems, including VRF products.

So when you choose a Midea air conditioner, you're choosing the most up to date and reliable technologies available. Doesn't that make you feel more comfortable?







Midea sells more than 30 million air conditioning units a year, in over 150 countries around the world, making it the largest air conditioning exporter in the world. The company has over 40,000 employees producing state-of-the-art inverter and fixed speed split systems, window, portable, ducted, multi-head and a comprehensive range of commercial systems, including VRF products.

Midea has its headquarters in Guangdong Province China, which covers over one million square metres (pictured above). The company maintains over 85 testing centres, employs over 1,000 engineers and manufactures over 1,000 different products.

Because Midea is the world's largest exporter you can be absolutely confident you are choosing the most up to date and reliable technology available - that should make you feel comfortable.

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48A Radford Road, Reservoir, Vic. 3073. Tel: (03) 9495 2899

*Don't risk your warranty! Make sure your installer is qualified and licensed.*