Midea®
air conditioner

DC Inverter & Fixed Speed *Split Systems*

Cooling & Reverse Cycle

Midea is the largest manufacturer of air conditioners in the world, chosen by over 17 million families last year, in over 150 countries. Midea not only sells under its own name but also manufactures for many of the world's biggest brands. So when you choose Midea, you can be absolutely confident you're choosing the most up to date and reliable technology available. Compliant to the latest M.E.P.S. (Minimum Energy Performance Standards), with a highly effective filtration system that removes most airborne allergens and a comforting 5 year warranty.

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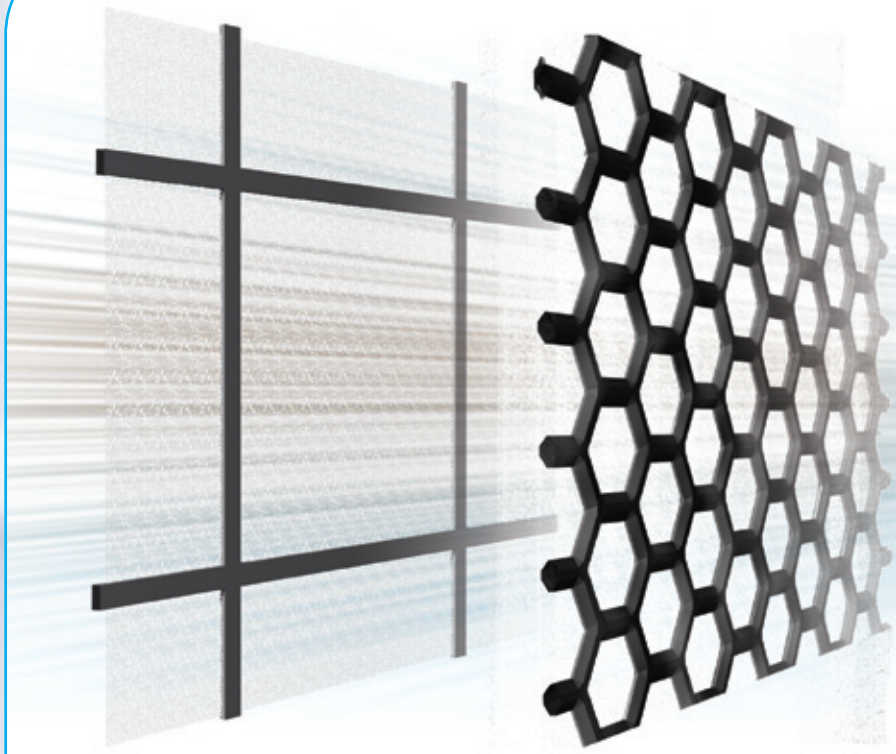
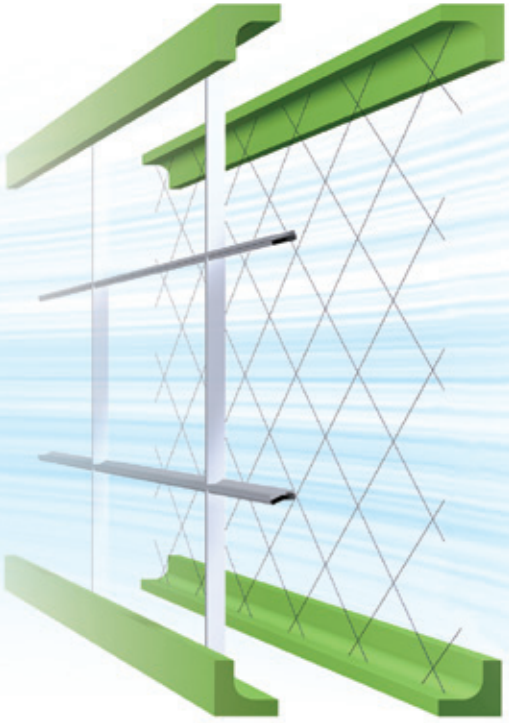
ASTHMA FOUNDATIONS
AUSTRALIA

"Midea makes the most air conditioners in the world!"

Superior Filtration removes airborne allergens





A good air conditioner should not only take care of the temperature in your home but also the quality of the air you breathe. A Midea split system removes over 90% of pollen, dust, smoke and other microscopic airborne particles that contribute to respiratory problems like Asthma and Hay Fever.*

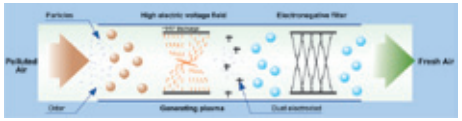
What's more, Midea and Asthma Foundations Australia are working together to further improve air quality in the home.

Active Carbon & Dust Filter

Made of Active Carbon and Electrostatic Fibre, this filter eliminates certain kinds of odours such as ammonia (NH3) and deactivates harmful chemical gas 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 prevent allergic reactions.

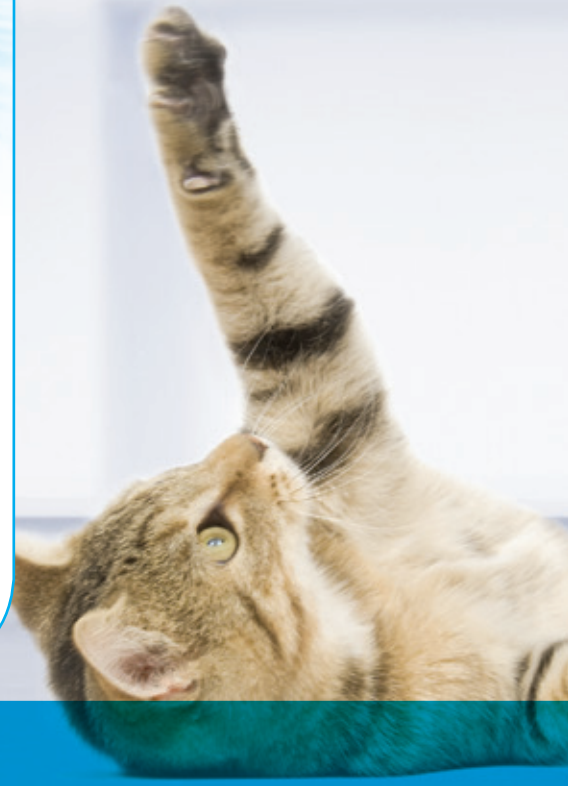
*Plasma Dust Collector**

This filter generates an ionization zone whereby the air is converted to plasma as it passes the high voltage ion generator. 95% of the dust, smoke and pollen particles are attracted to the electrostatic filter.



*Independent tests conducted by Contamination Control Laboratories, Melbourne, in accordance with AS1807.8.

**MSX and MSK models only, MSH, MSC and MSG models incorporate Bio Filter.*



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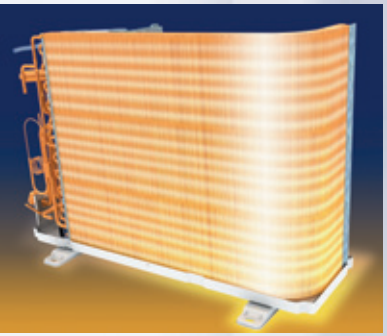
Advanced Technology

Golden Anti-corrosive Condenser



The Golden hydrophilic condenser can improve the heating efficiency by accelerating the defrosting process. The unique anti-corrosive golden coating on the condenser can withstand salty air, rain and other corrosive elements.

Rotary Compressor

Rotary Compressors reduce both noise and vibration. All Midea air conditioners use these compressors.

Remote Control

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

(Actual remote control may differ from unit shown)

Hot Start

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

Quiet Operation

You may not notice just how quiet Midea air conditioners are. Especially with the new K Series, which reduces noise levels even further for both inside and outside units.

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

In Sleep Mode, the unit automatically increases the heating or decreases the cooling by 1 degree per hour for the first two hours of use, then holds the temperature steady for 5 hours before ceasing operation.

Two Direction Air Vane Technology

In cooling mode the air vane opens counter clockwise to direct the air horizontally, allowing for an even cooling effect. In heating mode the air vane opens clockwise directing the air downwards, this time for an even heating effect.

Service Valve Protection Cover

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

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.

Built-In Electronic Diagnostic

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.

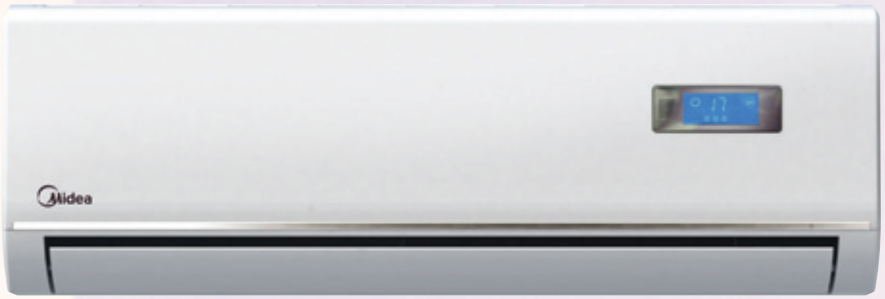
SSS Service System

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 arrange for the work to be done.

*Some exclusions apply.

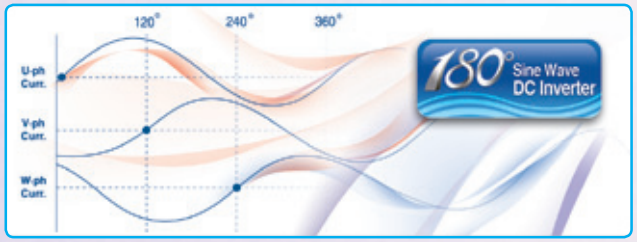
Midea® air conditioner

DC Inverter Split System Reverse Cycle



MSX09M3 – 2.6kw /2.9 kw DC Inverter
MSX12M3 – 3.5kw /3.8 kw DC Inverter
MSX18M3 – 5.0kw /5.3 kw DC Inverter
MSX24M3 – 6.9kw /7.3 kw DC Inverter

MSC28HRDN1 8.0kw /8.0 kw DC Inverter

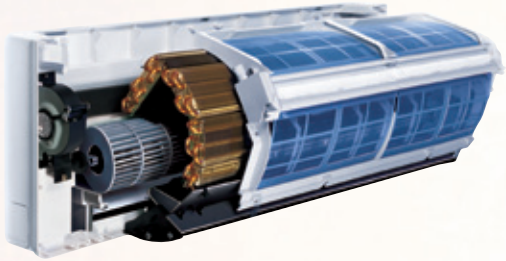


Additional features:

LCD Display You can see the current temperature setting at a glance (on/off selectable).

Turbo Mode Enables the unit to reach the preset temperature in the shortest time.

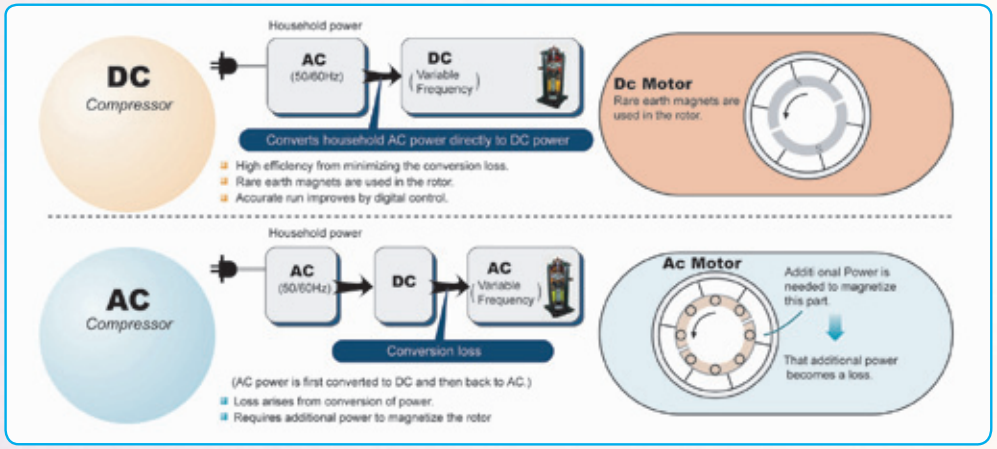
Self Cleaning* Use of an advanced Golden Hydrphilic evaporator allows condensate water on the evaporator to wash away dust and grease that is formed. Pressing CLEAN on the remote control utilizes the intelligent control to completely dry out the evaporator to avoid build up of bacteria and keep the air fresh.



Follow Me* By pressing the *Follow Me* button and keeping the remote close to you, you tell the air conditioner to set the temperature from wherever the remote happens to be. This counteracts the tendency for the unit to stop cooling or heating because the air around the unit has reached its set temperature. The function turns itself off after a period of inactivity.

DC Compressor Technology saves energy, cuts costs Midea DC inverter air conditioners adopt advanced 180° Sine Wave drive technology in combination with brushless variable revolution motor technology to deliver consistent energy saving and lower noise levels than previous 120° Square Wave DC Inverters.

**Not available with MSC28HRDN1*



Specifications

Model			MSX09M3	MSX12M3	MSX18M3	MSX24M3	MSC28HRDN1
Power supply		Ph-V-Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz
Cooling	Capacity	W	2600(600~3300)	3500 (1100~4000)	5000 (2300-5600)	6900 (3500~7300)	8000 (3500-8500)
	Input	W	690(240-1080)	930 (320-1400)	1540 (550-2060)	2120 (820-2500)	2460 (1080-2620)
	Rated current	A	3.2(1.2-5.4)	4.2 (1.7-6.5)	6.9 (2.4-9.0)	9.5 (3.6-11.2)	11.0(4.5-12.6)
	EER	w/w	3.75	3.75	3.25	3.25	3.25
Heating	Capacity	W	2900(900~3900)	3800 (1200~4200)	5300 (2300-5700)	7300 (3200~7900)	8500 (3500~9000)
	Input	W	760(220-1350)	1000 (360-1420)	1560 (500-2060)	2150 (800-2700)	2530 (1050-2810)
	Rated current	A	3.6(1.2-6.1)	4.6 (1.8-6.6)	7.0 (2.2-9.0)	9.5 (3.5-12)	11.2 (4.5-13)
	COP	w/w	3.80	3.80	3.40	3.40	3.35
Star Rating	Cooling (CEC/MEPS)	*1	3	3	2	2	2
	Heating (CEC/MEPS)	*1	3	3	2	2	2
	Cooling (Previous standard)	*2	6	6	5	5	4
	Heating (Previous standard)	*2	6	6	4½	4½	4
Moisture Removal		L/h	1.0	1.2	1.8	2.6	3.0
Max. input consumption		W	1950	2100	2650	2950	3600
Max. current		A	9.0	9.5	12	13.5	16.5
Compressor Type			Rotary	Rotary	Rotary	Rotary	Rotary
Indoor air flow (Hi/M/Lo)		l/s	180/158/133	195/155/133	220/195/165	325/285/245	345/290/250
Indoor noise level (Hi/M/Lo)		dB(A)	38/32/27	39/33/28	44/38/33	48/45/40	48/45/40
Indoor unit	Dimension (W x H x D)	mm	790x265x198	850x305x225	850x305x225	998x322x235	1250 x 325 x 230
	Net/Gross weight	Kg	9/11.5	11.5/15	12/15	14/20	17.5/25
Outdoor noise level	Sound Pressure	dB(A)	53	55	56	58	56
Outdoor noise level	Sound Power	dB(A)	60	62	65	67	66
Outdoor unit (Please add 60mm to width for service valve clearance)	Dimensions (W x H x D)	mm	760x285x590	760x285x590	760x285x590	895x330x860	895 x 330x860
	Net/Gross weight	Kg	37/40	38/41	40.5/43	63.5/67.5	76/80
Refrigerant type R410A		g	930	1070	1180	1900	2420
Refrigerant piping	Liquid side/ Gas side	mm	6.35/9.53 (¼"/⅜")	6.35/12.7 (¼"/½")	6.35/12.7 (¼"/½")	9.53/16.0 (⅜"/⅝"")	9.53/16.0 (⅜"/⅝"")
	Max. refrigerant pipe length	m	20	20	20	25	25
	Max. difference in level	m	8	8	8	10	10
Operation temperature		°C	17-30	17-30	17-30	17-30	17-30
Ambient temperature (cooling/heating) *Output Capacity is reduced once ambient temperature is >35°C or < 7°C.		°C	18-50/-15-34	18-50/-15-34	18-50/-15-34	18-50/-15-34	18-50/-15-34
Qty'per 20' /40' /40'HQ			89/196/232	85/181/207	85/181/207	50/104/117	44/99/113

All Midea specifications are based on Testing conditions as specified in AS/NZ3823 1.1.1998. Cooling: Indoor DB 27°C WB 19°C, Outdoor DB 35°C WB24°C. Heating: Indoor DB 20°C, Outdoor DB 7°C WB 6°C

Design and specifications are subject to change E&OE

*1. Star Rating, Comparative Energy Consumption (CEC) and Minimum Energy Performance Standards (M.E.P.S.) conform to AS/NZS3823.2-2009 *2. Rating under previous applicable standard AS/NZ 3823.2 :2005 + A1:2006 +A2:2006 +A3.

Midea air conditioner

Fixed Speed Split Systems

Cooling Only

MSG09CRN1-QC7G – 2.65 kw
MSG12CRN1-QC7G – 3.25 kw
MSG18CRN1-QC2G – 5.1 kw
MSG21CRN1-QC2GP - 6.15 kw
MSG24CRN1-QC2GP - 7.0 kw
MSG28CRN1-QC2GPW - 8.0 kw

Reverse Cycle *cooling/heating*

MSKF09M3 – 2.65 kw/2.65 kw
MSKF12M3 – 3.25 kw/3.25 kw
MSKF18M3 – 5.1 kw/5.3 kw
MSKF21M3 – 6.15 kw/6.4 kw
MSKF24M3 – 7.0 kw/7.3 kw
MSG28HRN1-QC2GPW – 8.0 kw/8.3 kw *(Uses same front panel as MSG28CRN1-QC2GPW)*

MIDEA PROUDLY SUPPORTING
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Specifications

			COOLING ONLY						HEATING & COOLING					
Model			MSG09CRN1	MSG12CRN1	MSG18CRN1	MSG21CRN1	MSG24CRN1	MSG28CRN1	MSKF09M3	MSKF12M3	MSKF18M3	MSKF21M3	MSKF24M3	MSG28HRN1
Power supply		Ph-V-Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz	1- 220-240V - 50Hz
Cooling	Capacity	W	2650	3250	5100	6150	7000	8000	2650	3250	5100	6150	7000	8000
	Input	W	750	910	1670	2010	2290	2600	750	910	1670	2010	2290	2600
	Rated current	A	3.6	4.1	7.5	9.0	10.2	11.6	3.6	4.1	7.5	9.0	10.2	11.6
	EER	w/w	3.55	3.55	3.05	3.05	3.05	3.05	3.55	3.55	3.05	3.05	3.05	3.05
Heating	Capacity	W	-	-	-	-	-	-	2650	3250	5300	6400	7300	8300
	Input	W	-	-	-	-	-	-	720	890	1660	2000	2280	2590
	Rated current	A	-	-	-	-	-	-	3.3	4.0	7.5	9.0	10.2	11.6
	COP	w/w	-	-	-	-	-	-	3.65	3.65	3.20	3.20	3.20	3.20
Star Rating	Cooling (CEC/MEPS)	*1	2½	2½	2	2	2	2	2½	2½	2	2	2	2
	Heating (CEC/MEPS)	*1	-	-	-	-	-	-	3	3	2	2	2	2
	Cooling (Previous standard)	*2	6	6	4½	4½	4½	4½	6	6	4½	4½	4½	4½
	Heating (Previous standard)	*2	-	-	-	-	-	-	5½	5½	4	4	4	4
Moisture Removal		L/h	1.0	1.2	1.8	2.2	2.6	3.0	1.0	1.2	1.8	2.2	2.6	3.0
Max. input consumption		W	1200	1300	2300	2700	3300	3500	1200	1300	2300	2700	3300	3500
Max. current		A	6.7	7.0	11.5	13.0	16.0	17.0	6.7	7.0	11.5	13	16	17.0
Compressor Type			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Indoor air flow (Hi/Mi/Lo)		l/sec	165/125/95	195/160/130	200/170/140	275/250/220	300/270/245	360/310/275	180/160/133	195/170/145	220/200/175	305/260/230	320/270/250	360/310/275
Indoor noise level (Hi/M/Lo) Sound Pressure		dB(A)	39/34/28	42/36/30	44/38/32	45/42/40	47/44/41	48/45/42	39/34/26	39/35/28	41/37/31	43/40/37	46/40/37	48/45/42
Indoor unit	Dimension (W x H x D)	mm	815x280x195	906x286x235	906x286x235	1080x330x228	1080x330x228	1250x325x230	800x268x200	958x301x215	958x301x215	998x322x235	998x322x235	1250x325x230
	Net/Gross weight	Kg	9/11	11.5/14.5	11.5/14.5	15.5/22	14/21	18/22	11.5/15.5	11.5/15.5	12/14	13/19	13/19	18/22
Outdoor noise level Sound Pressure		dB(A)	53	53	56	57	60	61	52	53	55	57	59	61
Outdoor noise level Sound Power		dB(A)	60	60	63	65	68	70	59	60	63	65	67	70
Outdoor unit	Dimensions (W x H x D)	mm	780x250x540	780x250x540	845x335x695	895x330x860	895x330x860	895x330x860	780x250x540	780x250x540	845x335x695	895x330x860	895x330x860	895x330x860
	Net/Gross weight	Kg	25/27	27/29	45/49	56/60	61/65	66/71	28/31	30/32	48.5/51.5	61/65	68/73	68/73
Refrigerant		type/g	R410A/700	R410A/850	R410A/1000	R410A/1950	R410A/1950	R410A/2400	R410A/800	R410A/1130	R410A/1380	R410A/2000	R410A/2180	R410A/2550
Refrigerant piping	Liquid side/ Gas side	mm (")	6.35/9.53 (¼"-⅜")	6.35/12.7 (¼"-½")	6.35/12.7 (¼"-½")	9.53/16.0 (⅜"-⅝")	9.53/16.0 (⅜"-⅝")	9.53/19.0 (⅜"-¾")	6.35/9.53 (¼"-⅜")	6.35/12.7 (¼"-½")	6.35/12.7 (¼"-½")	9.53/16.0 (⅜"-⅝")	9.53/16.0 (⅜"-⅝")	9.53/19.0 (⅜"-¾")
	Max. refrigerant pipe length	m	20	20	20	25	25	25	20	20	25	25	25	25
	Max. difference in level	m	8	8	8	10	10	10	8	8	10	10	10	10
Ambient temperature (cooling/heating) #		°C	18-43 / -	18-43 / -	18-43 / -	18-43 / -	18-43 / -	18-43 / -	18-43 / -7-24	18-43 / -7-24	18-43 / -7-24	18-43 / -7-24	18-43 / -7-24	18-43 / -7-24
Qty'per 20' /40' /40'HQ		Set	110/229/263	99/203/231	70/148/164	51/109/118	51/109/118	44/99/113	107/226/252	95/203/217	70/143/163	50/104/117	50/104/117	44/99/113

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MIDEA • has its headquarters in Guangdong China, covering over one million square metres (pictured above) • sells in over 150 countries and regions worldwide • makes over 1,000 different commercial products • employs over 1,000 engineers, including 300 R&D engineers • maintains over 40 testing centres and 29 R&D laboratories • has over 300 new products under development • has filed over 100 patents