

## RF split



## Standard Features

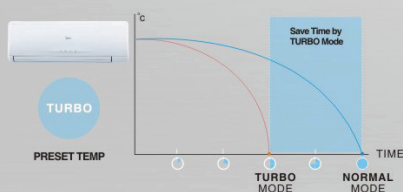


## Optional Features



## Turbo Mode

With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.



## Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1°C per hour for the first two hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort in night.



## Specification

Model No.	Indoor Unit Outdoor Unit	MS12RFU-09HRD1-QRC8GW MOB-09HF1-QRD0GW	MS12RFU-12HRD1-QRC8GW MOB-12HF1-QRD0GW	MS12RFU-18HRF1-QRC8GW MOC-18HF1-QRC8GW	MS12RF-24HRD1-QRC8GW MOP-24HF1-QRC8GW
<b>Power &amp; Inverter type</b>					
Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Inverter Type		2D DC	2D DC	3D DC	2D DC
<b>Capacity</b>					
Cooling(min-rated-max)Btu/h		4430-9000-10980	4820-12000-14640	6500-17500-20120	7450-22000-24200
	kW	1.3-2.6-3.2	1.4-3.5-4.3	1.9-5.1-5.9	2.2-6.4-7.1
Heating(min-rated-max)Btu/h		3450-9500-11780	3350-12500-15500	4350-18000-21240	5460-25000-29500
	kW	1.0-2.8-3.5	1.0-3.7-4.5	1.3-5.3-6.2	1.6-7.3-8.6
<b>Performance</b>					
SEER (Average)	W/W	5.6	5.6	6.1	5.9
Energy Rate	Cooling	A+	A+	A++	A+
SCOP(Average)	W/W	3.8	3.8	3.8	3.8
Energy Rate	Heating	A	A	A	A
Tol	°C	-15	-15	-15	-15
Air Flow Volume (m <sup>3</sup> /h)	Indoor	650/560/450	650/560/450	750/550/480	1100/970/800
Sound Power	Indoor(Hi)	55	56	56	63
Noise Level (dB(A))	Outdoor	63	63	65	67
<b>Dimension &amp; Weight &amp; Piping size</b>					
Net Dimension (mm)	Indoor (WxHxD)	800x275x188	800x275x188	940x275x205	1045x315x235
	Outdoor (WxHxD)	780x540x250	780x540x250	760x590x285	845x700x320
Net Weight (kg)	Indoor/Outdoor	7.5/28	7.5/28	9/34.5	12.5/47
Packing Dimension (mm)	Indoor (WxHxD)	865x350x265	865x350x265	1015x350x265	1135x315x395
	Outdoor (WxHxD)	910x585x335	910x585x335	887x645x355	965x755x395
Gross Weight (kg)	Indoor/Outdoor	9.5/30	9.5/30	12.5/37	15.5/50
Piping Size (mm(inch))	Liquid	Ø6.35(1/4)	Ø6.35(1/4)	Ø6.35(1/4)	Ø9.52(3/8)
	Gas	Ø9.52(3/8)	Ø9.52(3/8)	Ø12.7(1/2)	Ø15.9(5/8)
<b>Applicable area &amp; Stuffing Quantity</b>					
Applicable Area (m <sup>2</sup> )		13-22	16-27	25-42	32-53
Stuffing Quantity (Set)	20°/40°/40°HQ	113/232/266	113/232/266	96/197/231	65/139/152

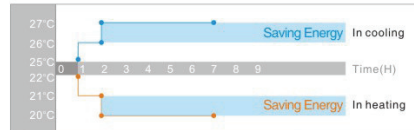
## Standard Features

### Comfort



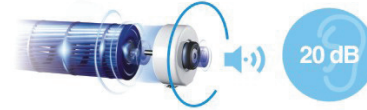
#### Sleep Mode

This air conditioner will automatically increase cooling or decrease heating 1°C per hour for the first two hours, then hold steady for the next 5 hours after that it will switch off. This function maintains both energy saving and comfort in the night.



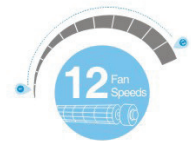
#### Silent Mode

Indoor fan will run at super breeze speed and indoor unit noise level can be extremely low to 20 dB when the unit enters silent mode operation.



#### 12 Grades Indoor Fan Speeds

Up to 12 grades indoor fan speeds ensure more accurate control and bring more comfortable air flow.



#### 5 Grades Outdoor Fan Speeds

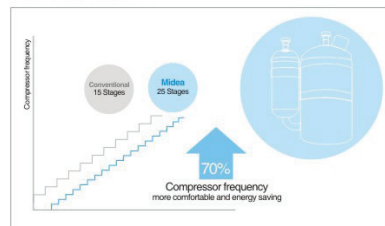
With DC fan motor, outdoor fan speeds increased from 2 grades to 5 grades, more comfortable and energy saving.



### Energy Saving

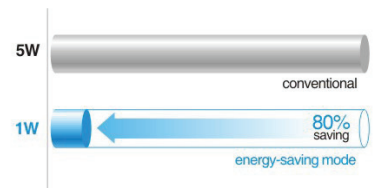
#### Wide Operation Range

With up to 25 stages (F1-F25) of compressor frequency, the frequency range increased around 70%, making the system running more comfortable and energy saving due to smooth and accurate control.



#### 1W Standby

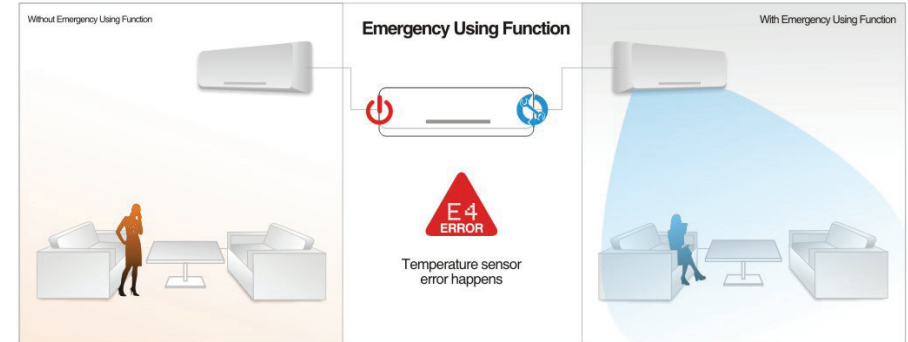
Intelligent on-off technology enables Midea products automatically enter energy-saving mode when standby, cut energy consumption from normal 5W to 1W which counts 80% of saving.



### Convenience

#### Emergency Using Function

Normally, when temperature sensor error happens, the air conditioner will display error code and stop immediately. With this function, when temperature sensor error happens, the air conditioner will display error code and continue running in a proper status instead of stopping immediately, to avoid the case that air conditioner is in urgent need.



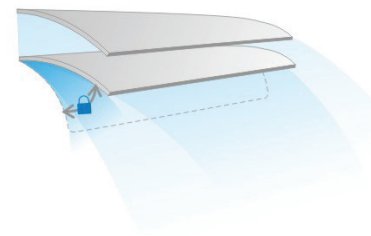
#### Refrigerant Leakage Detect

When refrigerant leakage is detected indoor, unit will show error code "EC" and stop automatically. This function can better protect compressor from being damaged by high temperature due to refrigerant leakage.



#### Louver Position Memory Function

When you start the unit next time, the angle of horizontal louver will automatically move back to the same position as you set last time.



#### Mono & Multi Compatible (exclude 24k model)

Indoor unit is compatible for both mono and multi inverter system. Easy to choose the suitable indoor unit and outdoor unit for your unique request, and it comes handy for ware house and stock administration.

