

Mango
Energy



DC Inverter Air Source Heat Pump

 Heating |  Cooling |  Hot Water



Noise Reduction Technology

Noise-reduction technology for serene comfort

Sound pressure lower to 35dB(A)



35dB



Ultra-silent axial fan design



Ultra-quiet compressor design



Soundproof Isolation



Improved design minimizes vibration

Exclusive Compressor ChassieReduce
Compressor Vibration Transmission

Energy Saving & Comfortable

Nurturing a greener, moresustainable future

*Environmental Sustainability

*R290 has a Low CWP and zero ODp,which is a sustainable refrigerants in the industry.

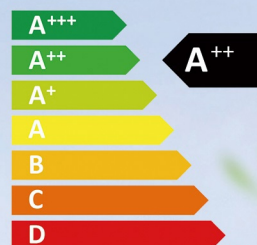


MANGO ENERGY



55 °C

35 °C



A+++

A++



R290

The Most Intelligent Control System

The Easiest Operation

Users can set different water temp, operation modes, time setting, parameter query, smart grid, check the energy consumption curve, etc.



Built-in WIFI module, APP control

REAL-TIME MONITORING

- ☒ 8 languages
- ☒ Operating mode
- ☒ Fault reminder
- ☒ Parameters

Model			MGSDC-030IIC	MGSDC-050IIC	MGSDC-060IIC	MGSDC-080IIC	MGSDC-100IIC
Power supply		V/Ph/Hz	220-240/1/50 or 380-415/3/50				
Max Heat Capacity (Without considering energy efficiency)		KW	1.8~12.3	4.5~15.2	6.2~19	10~24.4	11~26.5
The following data ensures energy efficiency in ERP A+++							
Heating A7W35	Capacity	W	8000	9500	12100	15500	18200
	Rated input	W	1606	2021	2574	3400	4062
	Current input	220V(A)	7.7	9.7	12.4	/	/
		380V(A)	/	3.6	4.5	6.8	8.0
	COP			4.98	4.7	4.7	4.56
Heating A7W45	Capacity	W	7600	9200	11300	15100	17500
	Rated input	W	2235	2804	3520	4718	5573
	Current input	220V(A)	10.0	12.1	15.6	/	/
		380V(A)	/	4.4	5.7	6.8	7.7
	COP			3.39	3.28	3.21	3.2
Heating A7W55	Capacity	W	7400	9100	11250	14800	17000
	Rated input	W	2356	2983	3725	4933	5762
	Current input	220V(A)	11.9	15.0	18.1	/	/
		380V(A)	/	5.5	7.1	9.4	11.2
	COP			3.14	3.05	3.02	3.00
Heating A-10W35	Capacity	W	5000	8000	10000	12000	14100
	Rated input	W	2222	2623	3279	4428	5000
	Current input	220V(A)	10.7	12.6	15.7	/	/
		380V(A)	/	4.6	5.8	7.8	8.9
	COP			3.15	3.05	3.05	2.71
Cooling A35W18	Capacity	W	8300	10000	12000	14000	15000
	Rated input	W	1667	2288	2746	3349	3722
	Current input	220V(A)	8.0	11.0	13.2	/	/
		380V(A)	/	4.0	4.8	5.9	6.6
	COP			4.98	4.37	4.37	4.18
Cooling A35W7	Capacity	W	7450	8100	11500	12400	14000
	Rated input	W	2343	2755	3979	4351	5469
	Current input	220V(A)	11.2	13.2	19.1	/	/
		380V(A)	/	4.8	7.0	7.7	9.6
	COP			3.18	2.94	2.89	2.85
SCOP	Average climate, W35°C		A+++				
			5.18	5.17	4.79	4.61	4.57
	Average climate, W55°C		A++				
			3.93	3.88	3.84	3.73	3.74
SEER	Average climate, W7°C		5.32	5.25	4.99	4.97	4.98
	Average climate, W18°C		7.24	7.28	6.67	6.59	6.52
ErP sound power level		dB	56	57	58	60	62
Sound pressure (1m)	Heating A7W35	dB(A)	42	43	45	48	52
	Cooling A35W18	dB(A)	41	43	44	45	46
Refrigerant	Type (GWP)		R290 (3)				
	Charged volume	g	1100		1500		
Unit dimensions		mm	1280*480*928/1330*510*1135				
Packing dimensions		mm	1339*520*1015/1380*560*1235				
Net/Gross weight		kg	92 / 106			175 / 202	185 / 212
Water side connection			DN25				
Outdoor air temperature range	Cooling	°C	-5 ~ 46				
	Heating	°C	-25 ~ 35				
	DHW	°C	-25 ~ 46				
Water setting temperature range	Cooling	°C	5 ~ 25				
	Heating	°C	25 ~ 80				
	DHW	°C	20 ~ 70				