



Mango QII-pro Series Air to Water Monoblock DC Inverter Heat Pump Heating Hot Water Cooling			 				
Model		MGSDC-030IIC	MGSDC-050IIC	MGSDC-060IIC	MGSDC-080IIC	MGSDC-100IIC	
Power supply	V/Ph/Hz	220-240V/1ph/50-60Hz or 380-415V/3ph/50-60Hz					
Max Heat Capacity (Without considering energy efficiency)	W	12000	15000	19000	24000	26500	
The following data ensures energy efficiency in ERP A+++							
Heating A7W35	Capacity	W	8000	9500	12100	14000	15500
	Rated input	W	1606	2021	2574	3139	3460
	COP		4.98	4.7	4.7	4.46	4.48
Heating A7W45	Capacity	W	8100	9500	12300	14100	15500
	Rated input	W	2088	2513	3254	3884	4379
	COP		3.88	3.78	3.78	3.63	3.54
Heating A7W55	Capacity	W	8000	9500	11900	13800	16000
	Rated input	W	2469	3115	3778	4600	5424
	COP		3.24	3.05	3.15	3	2.95
Heating A-7W35	Capacity	W	7000	8000	10000	12000	13100
	Rated input	W	2222	2623	3279	4428	5000
	COP		3.15	3.05	3.05	2.71	2.62
Cooling A35W18	Capacity	W	8300	10000	12000	14000	15000
	Rated input	W	1667	2288	2746	3349	3722
	COP		4.98	4.37	4.37	4.18	4.03
Cooling A35W7	Capacity	W	7450	8100	11500	12400	14000
	Rated input	W	2343	2755	3979	4351	5469
	COP		3.18	2.94	2.89	2.85	2.56
SCOP	Average climate, W35°C		A+++				
			5.18	5.17	4.79	4.61	4.57
SEER	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*928mm			1330*510*1135mm		
Packing dimensions	mm	1380*580*1129mm			1430*610*1335mm		
Net/Gross weight	kg	92 / 106			175 / 202	185 / 212	
Water side connection		-5 ~ 46					
Outdoor air temperature range	Cooling	°C	-25 ~ 35				
	Heating	°C	-25 ~ 35				
	DHW	°C	-25 ~ 46				
Water setting temperature range	Cooling	°C	5 ~ 25				
	Heating	°C	25 ~ 80				
	DHW	°C	20 ~ 70				