











Product parameter tab

Mango QII-Pro Series Air to Water Split Type DC Inverter Heat Pump Heating Cooling Hot Water								
Model				MGSDC-030IIC	MGSDC-050IIC	MGSDC-060IIC	MGSDC-080IIC	MGSDC-100IIC
HP				3HP	5HP	6HP	8HP	10HP
Power Supply		Indoor Unit	V/Hz/Ph	220-240V / 50hz / 1ph or 380-415V / 50Hz / 3ph				
Ambient	Outlet	Outdoor Un	V/Hz/Ph	220-240V / 50hz / 1ph or 380-415V / 50Hz / 3ph			380-415V / 50Hz / 3ph	
+7°C	45°C	Heating Capacity	kW	9.51	16.33	19.70	24.90	30.70
		Power Input	kW	2.63	4.50	5.46	6.97	8.67
COP				3.61	3.63	3.61	3.57	3.54
-12°C	41°C	Heating Capacity	kW	6.76	11.35	13.36	16.40	20.52
		Power Input	kW	2.67	4.50	5.30	6.56	8.18
COP				2.53	2.52	2.52	2.50	2.51
-20°C	41°C	Heating Capacity	kW	5.68	9.41	11.68	14.32	17.24
		Power Input	kW	2.59	4.32	5.33	6.60	8.02
COP				2.19	2.18	2.19	2.17	2.15
-35°C	41°C	Heating Capacity	kW	3.52	5.83	7.62	8.88	10.85
		Power Input	kW	2.55	4.19	5.48	6.48	7.86
COP				1.38	1.39	1.39	1.37	1.38
+35°C	7°C	Cooling outlet	kW	7.51	13.10	16.11	20.38	23.59
		Power Input	kW	2.59	4.50	5.57	7.15	8.28
EER				2.90	2.91	2.89	2.85	2.85
Compressor		-	Panasonic Twin Rotor DC Inverter Compressor with EVI System					
Refrigerant		-	R32					
Fan Motor		-	Nidec DC Brushless Motor					
Controller		-	Touchscreen LCD Controller with WIFI and 13 Languages					
Water Heating Exchanger		-	Cooper Brazed Plate Heat Exchanger					
External Cabinet		-	1.5MM Galvanized Steel With Powder Coating					
EEV		-	Dunan					
Certificates		-						
Rated Water Flow Rate		m³/h	1.5	2.4	2.8	4.1	5.2	
Rated Pressure Drop		kPa	30	45	45	40	47	
Max Working Pressure	Refrigerant	Bar	44 Bar					
	Water	Bar	7 Bar					
Water Connection	Inlet&Outlet	inch	1"	1"	1"	1"	1-1/4"	
Noise Level	Indoor Unit	dB(A)	42	42	42	42	42	
	Outdoor Unit	dB(A)	52	56	58	59	61	
Net Dimension W*D*H	Indoor Unit	mm	522*296*863.5	522*296*863.5	522*296*863.5	522*296*863.5	602*308*880	
	Outdoor Unit	mm	950*445*800	976*410*1273	940*448*1365	1150*480*1565	1405*590*1626	
Net Weight	Indoor Unit	kg	55	55	55	55	70	
	Outdoor Unit	kg	58	90	100	120	175	