



Series		Ecocycle M35	Ecocycle M55
Heating Condition-Air Temp. (DT/WT) 7/6°C , Water Temp. (In/Out) 30/35°C			
Heating Capacity Range	kW	12,10-29,20	16,10-44,10
Power Input Range	kW	2,52-6,63	3,42-10,50
COP at 60 RPS		4,52	4,44
DHW Condition-Air Temp. (DT/WT) 20°C , Water Temp. 15/55°C			
DHW Capacity Range	kW	17,90-35,30	23,90-53,10
Power Input Range	kW	3,65-7,51	4,87-11,20
COP at 60 RPS		4,7	4,73
Cooling Condition-Air Temp. (DT/WT) 35/24°C , Water Temp. (In/Out) 12/7°C			
Cooling Capacity Range	kW	10,50-22,50	13,9-33,75
Power Input Range	kW	3,28-7,50	4,34-12,05
EER at 60 RPS		3,12	3,06
Maximum-Minimum Compressor Speed	RPS	30-60	40-90
Compressor		CRSS (Panasonic-Sanyo)	
Compressor Type		DC Twin Rotary	
Compressor Driver		Sanhua	
Heat Exchanger		Sanhua	
Fan Type		BLDC Axial Fan	
Main Control Board		Siemens POL468.65/STD	
Control Panel		Siemens POL895.51/STD HMI	
Refrigerant / Charge Weight (kg)		R32 / 7	R32 / 8
GWP / CO ₂ Equivalent (ton)		675 / 4,72	675 / 5,4
Max. Operation Pressure (Refrigerant Circuit)	bar	42	
Min. Operation Pressure (Refrigerant Circuit)	bar	2,3	
Maximum Water Outlet Temperature		61°C	
Operation Ambient Temperature		-25/+45°C	
Water Connection		1 1/4"	1 1/2"
Sound Power Level (EN 12102)	dB(A)	57	
Dimensions			
Length	mm	1055	1665
Depth	mm	854	854
Height	mm	1382	1382
Weight	kg	105	115
Electrical Connections			
Voltage	V	380	
Phase	~	Three	
Maximum Current	A	19	25
Frequency	Hz	50	
Circuit Breaker	A	25	