



Series		Ecocycle M12	Ecocycle M16
Heating Condition-Air Temp. (DT/WT) 7/6°C , Water Temp. (In/Out) 30/35°C			
Heating Capacity Range	kW	4,18-12,1	5,40-15,63
Power Input Range	kW	0,86-2,59	1,10-3,27
COP at 60 RPS		4,68	4,72
Cooling Condition-Air Temp. (DT/WT) 35/24°C , Water Temp. (In/Out) 12/7°C			
Cooling Capacity Range	kW	3,74-9,60	4,60-11,80
Power Input Range	kW	1,03-3,25	1,38-3,98
EER at 60 RPS		3,19	3,23
Maximum-Minimum Compressor Speed	RPS	26-60	32-74
Compressor		CRSS (Panasonic-Sanyo)	
Compressor Type		DC Twin Rotary	
Compressor Driver		STEP	
Heat Exchanger		SWEP Brazed Plate	
Fan Type		BLDC Fan Motor	
Main Control Board		Siemens POL468.65/STD	
Control Panel		Siemens POL895.51/STD HMI	
Circulation Pump		Wilo Para 25-130/8-75	
Refrigerant / Charge Weight (kg)		R32 / 2,1	R32 / 2,6
GWP / CO ₂ Equivalent (ton)		675 / 1,42	675 / 1,75
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"	
Maximum Water Pressure Drop	kPa	25	
Circulation Pump Flow Rate	m ³ /h	2,5	
Sound Power Level (EN 12102)	dB(A)	56	
Dimensions			
Length	mm	1215	
Depth	mm	500	
Height	mm	830	
Weight	kg	105	115
Electrical Connections			
Voltage	V	220 (380 optional)	
Phase	~	Mono	
Maximum Current	A	19	25
Frequency	Hz	50	
Circuit Breaker	A	25	
Electrical Cable Connections	mm	3x6	