



High Efficiency and A+++ Energy Label

Combining Full DC Inverter technology and environmentally friendly R32 refrigerant, M12 & M16 series heat pumps A+++ rated with.



Compact Design

Ready for installation thanks to the built-in Wilo circulation pump and expansion



Detaylar

Ecocycle M12 & M16 Heat Pump

Model		Ecocycle M12	Ecocycle M16
Heating-Outside Temp. (DT/WT) 7/6°C , Water Temp. (In/Out) 30/35°C			
Heating Capacity	kW	4,18-12,1	5,40-15,63
Power Input	kW	0,86-2,59	1,10-3,27
COP at 60 RPS		4,68	4,72
Cooling-Outside Temp. (DT/WT) 35/24°C , Water Temp. (In/Out) 12/7°C			
Cooling Capacity	kW	3,74-9,60	4,60-11,80
Power Input	kW	1,03-3,25	1,38-3,98
EER at 60 RPS		3,19	3,23
Max-Min Compressor Speed	RPS	26-60	32-74
Compressor		CRSS (Panasonic-Sanyo)	
Compressor Type		DC Twin Rotary	
Compressor Inverter Driver		STEP	
Heat Exchanger		SWEP BPHE	
Fan Type		BLDC Fan Motor	
Main Control Board		Siemens POL468.65/STD	
HMI Unit		Siemens POL895.51/STD HMI	
Circulation Pump		Wilo Para 25-130/8-75	
Refrigerant / kg		R32 / 2,1	R32 / 2,6
GWP / CO ₂ Equivalent (ton)		675 / 1,42	675 / 1,75
Max Working Pressure	bar	42	
Min Working Pressure	bar	2,3	
Max Outlet Water Temp.		61°C	
Outside Temp.		-25/+45°C	
Water Connection		1 1/4"	
Maximum Water Pressure Loss	kPa	25	
Circulation Pump Flow Rate	m ³ /h	2,5	
Sound Level (EN 12102)	dB(A)	56	
Dimensions			
Length	mm	1215	
Width	mm	500	
Height	mm	830	
Net Weight	kg	105	115
Electrical Connection			
Voltage	V	220 (380 optional)	
Phase	~	Mono or Three	
Max Current	A	19	25
Frequency	Hz	50	
Circuit Breaker	A	25	
Cable	mm	3x6	