

High Capacity Full DC Inverter R32 Heat Pump

- Full DC Inverter Technology
- R32 Environmentally Friendly Refrigerant
- 35kW and 55kW High Capacity
- Remote Control Possibility
- Highly Efficient Operation
- 61°C Water Outlet Temperature



Ecocycle M35 & M55 Heat Pump



Model		Ecocycle M35	Ecocycle M55
Heating-Outside Temp. (DT/WT) 7/6°C , Water Temp. (In/Out) 30/35°C			
Heating Capacity	kW	12,10-29,20	16,10-44,10
Power Input	kW	2,52-6,63	3,42-10,50
COP at 60 RPS		4,52	4,44
DHW-Outside Temp. (DT/WT) 20°C , Water Temp. 15/55°C			
DHW Capacity	kW	17,90-35,30	23,90-53,10
Power Input	kW	3,65-7,51	4,87-11,20
COP at 60 RPS		4,7	4,73
Cooling-Outside Temp. (DT/WT) 35/24°C , Water Temp. (In/Out) 12/7°C			
Cooling Capacity	kW	10,50-22,50	13,90-33,75
Power Input	kW	3,28-7,50	4,34-12,05
EER at 60 RPS		3,12	3,06
Max-Min Compressor Speed	RPS	30-60	40-90
Compressor	CRSS (Panasonic-Sanyo)		
Compressor Type	DC Rotary		
Compressor Inverter Driver	SANHUA		
Heat Exchanger	SANHUA BPHE		
Fan Type	BLDC Fan Motor		
Main Control Board	Siemens POL468.65/STD		
HMI	Siemens POL895.51/STD HMI		
Refrigerant / kg		R32 / 7	R32 / 8
GWP / CO ₂ Equivalent (ton)		675 / 4,72	675 / 5,40
Max Working Pressure	bar	42	
Min Working Pressure	bar	2,3	
Max Outlet Water Temp.		61°C	
Outside Air Working Temp.		-25/+45°C	
Water Connection		1 1/4"	
Sound Level (EN 12102)	dB(A)	57	
Dimensions			
Length	mm	1055	1154
Width	mm	854	1115
Height	mm	1382	1501
Net Weight	kg	210	280
Electrical Connection			
Voltage	V	380	
Phase	~	Three	
Max Current	A	19	25
Frequency	Hz	50	