

ecocycle

HEAT PUMPS

			Ecocycle S-12	Ecocycle S-16	Ecocycle SZ-12	Ecocycle SZ-16
Hot Water	Capacity(1)	kW	13,88	20,16	14,18	20,38
	Power	kW	3,38	4,80	3,26	4,72
	COP(1)	W/W	4,11	4,20	4,35	4,31
Heating	Capacity(2)	kW	12,60	15,88	12,92	16,20
	Power	kW	2,92	3,64	2,98	3,76
	COP(2)	W/W	4,31	4,36	4,34	4,31
	Capacity(3)	kW	12,20	14,98	12,56	15,33
	Power	kW	3,63	4,43	3,66	4,48
	COP(3)	W/W	3,36	3,38	3,43	3,41
	Operating Temperature Range	°C	-15/+45	-15/+45	-22/+45	-22/+45
Max Outlet Water Temperature	°C	56	56	61	61	
Cooling	Capacity(4)	kW	9,35	12,00	9,57	12,15
	Power	kW	3,67	4,68	3,45	4,45
	EER	W/W	2,55	2,56	2,77	2,73
	Operating Temperature Range	°C	+24/+43	+24/+43	+24/+48	+24/+48
	Min Outlet Water Temperature	°C	5			
Cable Section	Type	Scroll				
	Refrigerant	R407C				
	Quantity	1				
Exchanger	Type	Brazen Plate Heat Exchanger				
Fan	Type	Axial				
	Brand	Rosenberg				
	Fan Speed	680-880 rpm				
	Sound Level	52 dB	53 dB	50 dB	50 dB	
Fan Motor Input Power	220-270 W	220-270 W	220-270 W	220-270 W		
Dimensions	Width	mm	1360	1360	1360	1360
	Depth	mm	500	500	500	500
	Height	mm	1110	1110	1110	1110
	Weight	kg	138	148	138	148
Sound Level	dBA	60	62	58	60	
Recirculation Pump	m³/h	2,5	3	2,5	3	
Device Pressure Loss	Kpa	30	38	30	38	
Cable Section	mm²	5x2.5				
Fuse	A	20				
(Input-Output) Pipe Diameter	mm²	1 1/4"				
Voltage	V/PH/HZ	380/3/50				
Additional Heater		Optional				
Automatic Defrost		Yes				
Low Pressure Protection System		Yes				
High Pressure Protection System		Yes				
(1) : Heating Power A20/W15-55 (In EN14551 measurement standards). Outside temperature DT 20 °C, WT 15 °C						
(2) : Heating Power A7/W35-30 (In EN14551 measurement standards). Outside temperature DT 7 °C, WT 6 °C						
(3) : Heating Power A7/W45-40 (In EN14551 measurement standards). Outside temperature DT 7 °C, WT 6 °C						
(4) : Cooling Power A35/W7-12 (In EN14551 measurement standards). Outside temperature 35 °C.						

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