



More Detail

Ecocycle W50

The Ecocycle W50 replace the outdoor fan and coil with a heat exchanger. For this system to work the building provides a loop of water.

It can heat water from 7 degrees to **35 degrees** with **49 kW** and **5,21 COP**. It can provide **61 °C** max outlet water temperature.



Cooling



Heating

Technical Specifications

Capacity	50kW
Circulation Pump	External
Compressor	Panasonic Scroll
Operating Modes	Cooling, Heating, How Water
Mixing Valve	Internal
Power Supply	380V
Reactor Coolant	R407C
Size H/W/D (mm)	710/710/1020



Hot Water



Weather Compensation



Ability to Work -25°C

			Ecocycle W13	Ecocycle W17	Ecocycle W25	Ecocycle W50	
Heating	Capacity(1)	kW	13,6	17,62	22,75	49	
	COP(1)	W/W	5,23	5,21	5,24	5,21	
	Operating Temperature	°C	+7/+35	+7/+35	+7/+35	+7/+35	
	Capacity(2)	kW	15,96	20,75	26,95	57,7	
	COP(2)	W/W	6,16	6,14	6,14	6,03	
	Operating Temperature	°C	+12/+35	+12/+35	+12/+35	+12/+35	
	Max outlet water temperature	°C	61				
Passive Cooling							
Compressor	Brand Name	Panasonic					
	Type	Scroll					
	Quantity	1					
Dimensions	Width	cm	71				
	Depth	cm	71				
	Height	cm	102				
	Weight	kg	130-140			170	
Electrical	Main Control Board	Siemens					
	Operator Unit	Siemens					
	Room Unit	Siemens					
Delta T 5C	Water flow	L/h	2236	2924	4300	8600	
		L/min	37.2	48.7	71.6	143	
		L/sec	0.62	0.81	1.2	2.4	
Delta T 6C	Water flow	L/h	1863	2463	3582	7165	
		L/min	31	40.6	59.7	119.4	
		L/sec	0.51	0.67	1	2	
Delta T 7C	Water flow	L/h	1596	2087	3220	6140	
		L/min	26.6	34.7	53.6	102.3	
		L/sec	0.44	0.6	0.9	1.7	
Sound Level		dBa	42			46	55
Cable Section		m ²	5x4				
Drop of Pressure		mss	3	3.8	4	5.5	
Fuse			25	25	32		
(Input-Output) Pipe Diameter			1 1/4"				
Voltage		V/PH/HZ	380/3/50				
Refrigerant			R407C				
Domestic Hot Water			Yes				
Low Pressure Protection System			Yes				
High Pressure Protection System			Yes				