



Cooling



Heating

## Ecocycle W25



More Detail

The Ecocycle W25 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 **22,75 kW** and **5,24 COP**. It can provide **61°C** max outlet water temperature.

### Technical Specifications

Capacity	25kW
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 <sup>2</sup>	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				