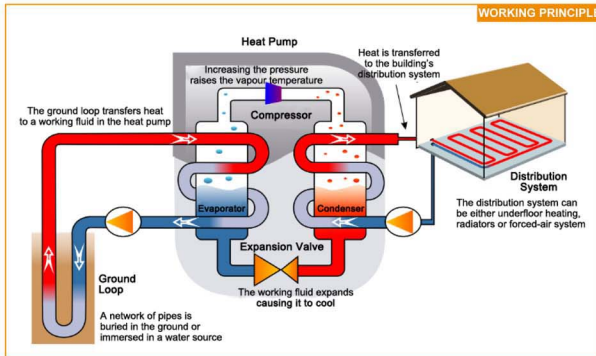


# Water to Water Heat Pump

## On-Off & Inverter Type

Blueway Water to Water Heat Pump is a central heating and cooling system that transfers heat to or from the ground, which uses high temperature heat source all the time, without any intermittency, as a heat source (in the winter) and a heat sink (in the summer). On-off or inverter type, WIFI function is for option.

This design takes advantage of the moderate temperature in the ground to boost efficiency and reduce the operational cost of heating and cooling systems.



## Water to Water Heat Pump Technical Specifications

Model		BWW-06	BWW-08	BWW-10	BWW-13	BWW-16	BWW-20	BWW-30	
Power supply	V/Hz/Ph	220-240/50/1					380-415/3/50		
Heating	Nominal capacity	kWh	7.2	9.55	10.74	14.3	17.5	23.4	33.2
	Power input	W	1.42	1.9	2.16	2.75	3.38	4.46	6.38
	COP	-	5.08	5.03	4.97	5.2	5.18	5.25	5.2
Cooling	Nominal capacity	kWh	6.5	7.55	8.45	12.7	16.7	20	30.4
	Power input	W	1.58	1.88	2.16	2.98	3.98	4.65	7.1
	EER	-	4.12	4.01	3.91	4.26	4.20	4.30	4.28
DHW	Nominal capacity	kWh	6.35	8.32	9.5	12.5	15.4	20.6	37.6
	Power input	W	1.69	2.26	2.56	3.25	4.05	5.28	11.12
	COP	-	3.76	3.68	3.71	3.85	3.8	3.9	4.25
Rated/Max outlet water temp.	°C	7-45/55							
Rated water flow rate	m <sup>3</sup> /h	1.24	1.64	1.85	2.46	3.01	4.02	5.71	
Controller	-	Micro processor based digital wire controller with LCD display							
External cabinet	-	Galvanized steel with powder coating/SUS 304							
Compressor	Type	Rotary			Scroll				
	Qty.	Nos.	1	1	1	1	1	1	2
	Refrigerant	-	R407c/R410a						
Heat exchanger	-	Coaxial Heat Exchanger				Plate Heat Exchanger			
Water connection	Inlet&Outlet	inch	1"	1"	1"	1"	1"	1"	1-1/4"
Noise level	dB(A)	47	47	47	48	48	53	56	
Net dimension (W*D*H)	mm	982x606x634	982x606x634	982x606x634	982x606x634	982x606x634	982x910x634	982x910x634	
Net weight	kg	135	135	135	135	135	138	150	

**Notes:**

The above data is based on the following testing condition:

- 1.Heating: Water source inlet temperature 10°C; User side Inlet/outlet temperature 30°C/35°C;
  - 2.Cooling: Water source Inlet/outlet temperature 30°C/35°C; User side Inlet/outlet temperature 12°C/7°C;
  - 3.Domestic Hot Water: Water source inlet temperature 10°C; Water temperature in the tank 40°C (Tank not included);
  - 4.The flow rate obtained during the test at standard rating conditions in cooling mode is used.
- Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.

