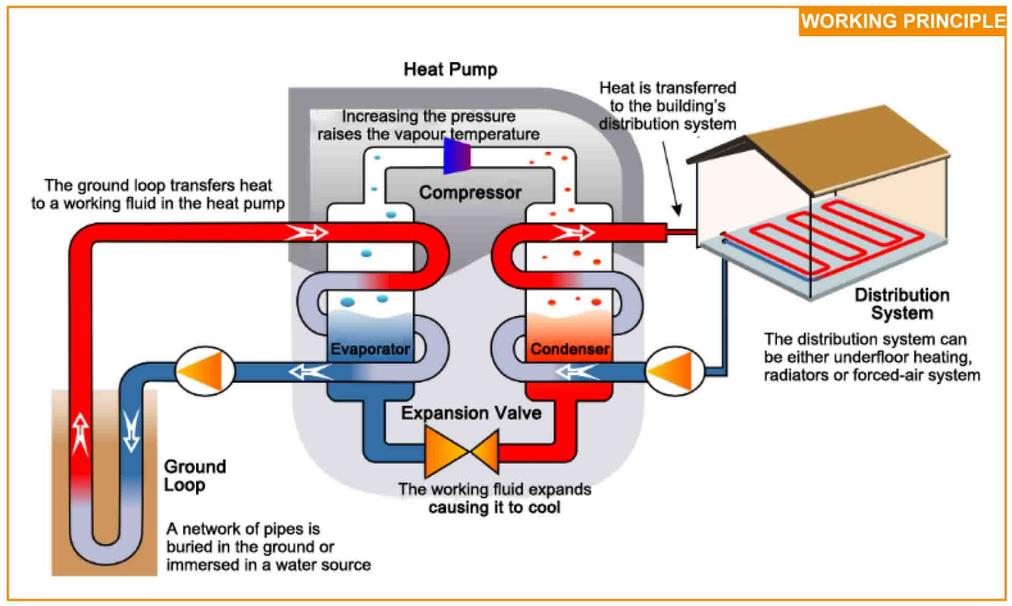
Enjoy comfortable life with BLUEWAY

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	kW/h	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	kW/h	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	kW/h	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		m³/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	-	R32/R407c/R410a						
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	650x404x924	650x404x924	650x404x924	650x404x924	650x404x924	650x404x924	752x504x964
Net weight		kg	90	90	90	90	135	135	135

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.

Water to Water Heat Pump (Inverter Type)

Model			BWW-I-9	BWW-I-14	BWW-I-18	BWW-I-30
HP			3	5	6	10
Power supply		V/Hz/Ph	220-240/50/1 or 380-415/50/3			380-415/50/3
Heating	Nominal capacity	kW/h	9	15	18	30
	Power input	W	1.6	2.7	3.2	5.38
	COP	-	5.6	5.6	5.6	5.58
Cooling	Nominal capacity	kW/h	7.8	13	15.6	26
	Power input	W	1.74	2.9	3.5	5.82
	EER	-	4.5	4.5	4.5	4.47
DHW	Nominal capacity	kW/h	9	15	18	30
	Power input	W	2.13	3.57	4.3	7.32
	COP	-	4.2	4.2	4.2	4.1
Rated/Max.outlet water temp.		°C	7~45/55			
Rated water flow rate		m^3/h	2	2.6	3.1	5.2
Controller		-	Micro processor based digital wire controller with LCD display			
External cabinet		-	Galvanized steel with powder coated			
Compressor	Type	-	GMCC/Panasonic, Rotary			
	Qty.	Nos.	1			
	Refrigerant	-	R32/R410a			
Heat exchanger		-	Plate Heat Exchanger			
Water connection	Inlet&Outlet	inch	1''	1''	1''	1-1/4''
Noise level		dB(A)	46	48	48	52
Net dimension	W*D*H	mm	650*404*924	650*404*924	650*404*924	752*504*964
Net weight		kg	90	135	135	135

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.