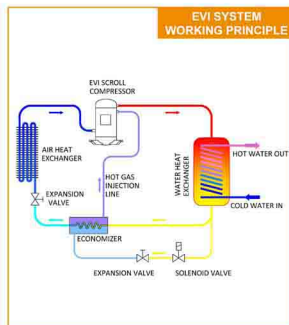


DC Inverter Heat Pump



Solutions to Heating, Cooling & Sanitary Hot Water

Blueway DC Inverter Heat Pump has normal ambient & low ambient type, including split & monoblock type, R32 or R410a is optional, which can provide air conditioning, heating and hot water for families, apartments, small industrial sites, etc. Its core philosophy is to solve users' house heating during winter and cooling during summer, as well as domestic hot water. Additionally, it can work with solar, boiler or electric heater according to the practical condition of the heating system. For low ambient type, it can stably work under ambient temperature down -35°C. Some models have gotten ErP A++ from TUV.



Features & Highlights

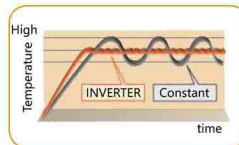


- Extended working range down to -35°C ambient (low ambient type)
- 5 modes: heating only, heating+DHW, cooling only, cooling+hot water, DHW only
- Low running costs and high efficiency
- Long-life and corrosion resistant composite cabinet stands up to severe climates
- Famous compressor ensures outstanding performance and durability
- LCD Touch screen with self-diagnostic control function
- With control output for three-way valve
- Easy operation and simple installation
- WIFI control function is optional

Key Components

High Energy Saving & High Power Technology

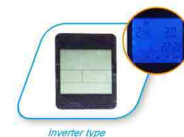
Accurate temperature control by DC inverter technology



Blueway drive inverter technology



Intelligent Control



Inverter type

The units are supplied with micro processor based digital controller with LCD touch display. The controller is programmed to provide a maximum protection to the heat pump system and accurate temperature control. The control panel is completely factory wired with all accessories and terminals included.

Plate Heat Exchanger

- High corrosion resistance
- High thermal efficiency
- High working temperature



High Efficiency Compressor

- High efficiency and energy saving
- Quiet operation due to less moving parts
- Adopt famous brand rotary or scroll compressor



High Efficiency Class A Pump

Energy saving pump with constant volume or pressure adjustment function. German Wilo or Chinese Shinoo water pump is optional.



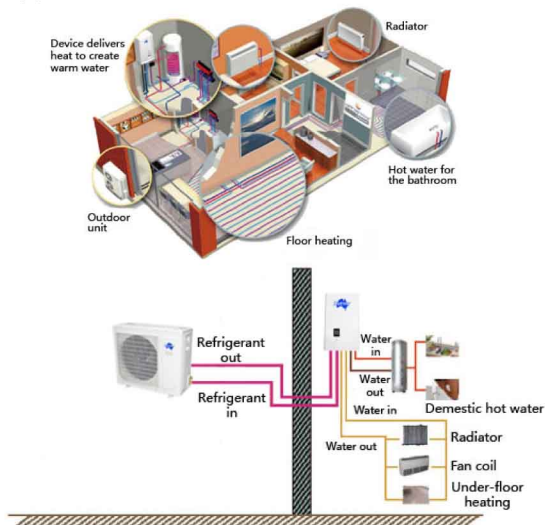
Split Type



Features & Highlights

- No water freezing problem with split design (water system inside the house)
- The outdoor unit is designed for anti-snow
- The indoor unit is designed for substituting traditional boilers easily, with luxurious facade

Applications



Monoblock Type

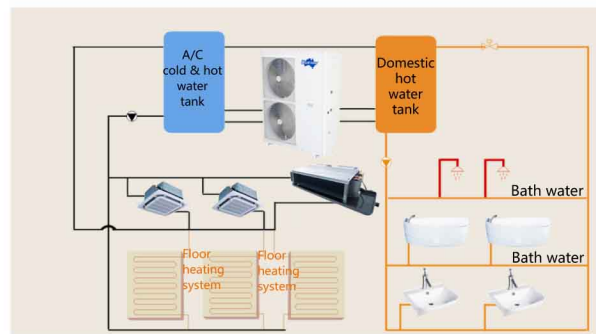


Features & Highlights

- With classic leisure product appearance
- Compact, weather-resistant and easy to install
- All in one system to save installation space & time
- Option: built-in water pump, expansion tank & electric heater
- R32 or R410a is optional

Applications

The Installation Diagram



DC Inverter HP (Normal Temp.) Split

Technical Specifications

Model	HP	V/Hz/Ph	DHP-09S	DHP-14S	DHP-16S	DHP-24S	DHP-30S
			3	5	6	8	10
Power supply	Indoor unit	V/Hz/Ph	220-240/50/1				
	Outdoor unit	V/Hz/Ph	220-240/50/1, 380-415/50/3				
+7°C/35°C Floor heating	Heating capacity	kW/h	9	14	16	24	30
	COP	-	4.5	4.6	4.56	4.45	4.1
+12°C/35°C Floor heating	Heating capacity	kW/h	8.5	12.5	14.3	21.7	28
	COP	-	2.18	3.9	4.0	3.92	3.9
-7°C/35°C Floor heating	Heating capacity	kW/h	7.1	11	12	18.9	24
	COP	-	2.4	3.61	4.4	6.52	8
+7°C/45°C Radiators	Heating capacity	kW/h	8.5	13	15	20.6	29
	COP	-	2.96	3.05	2.95	2.9	3
-7°C/45°C Radiators	Heating capacity	kW/h	6.8	10.2	12.5	18.0	22
	COP	-	2.34	2.41	2.4	2.37	2.3
+7°C/55°C Hot water	Heating capacity	kW/h	6	12	14	20	24
	COP	-	2.26	4	4.91	7.1	9.2
+35°C/7°C Fan coil	Cooling capacity	kW/h	7	11	13	20	24
	EER	-	2.7	2.8	2.7	2.76	2.6
Energy efficiency class	Floor heating	-	A++	A++	A++	A++	A+
	DHW mode	-	A+	A+	A+	A+	A+
Heating operation range	Ambient	°C	-	-	-15~25	-	-
	Water side	°C	-	-	18~60	-	-
Cooling operation range	Ambient	°C	-	-	10~43	-	-
	Water side	°C	-	-	7~22	-	-
Domestic hot water operation	Ambient	°C	-	-	-25~35	-	-
	Water side	°C	-	-	25~60	-	-
Rated water flow rate	m ³ /h		1.5	2.4	2.8	4.1	5.2
Rated pressure drop	kPa		30	45	45	40	47
Max. working pressure	Refrigerant	Bar	44	44	44	44	44
Controller	Water	Bar	7	7	7	7	7
External cabinet	-	-	Micro processor based digital wire controller with LCD display				
Compressor	Type	-	Rotary				
	Qty.	Nos.	1	1	1	1	1
	Refrigerant	-	R32/R410a				
Water heat exchanger	-	-	SUS 316 Brazed plate heat exchanger				
Electric heater	kW	3/6	6				
Water pump	-	-	DC type, Wilo/Shinwoo				
Expansion tank	L	5	8				
Water	Inlet&Outlet	inch	1"	1"	1"	1"	1-1/4"
Noise level	Indoor Unit	dB(A)	42	42	42	42	42
	Outdoor Unit	dB(A)	52	56	58	59	61
Net dimension (W*D*H)	Indoor Unit	mm	522*296*863.5	522*296*863.5	522*296*863.5	522*296*863.5	602*308*880
	Outdoor Unit	mm	950*445*800	976*410*1273	940*448*1365	1150*480*1565	1405*590*1626
Net weight	Indoor Unit	kg	55	55	55	55	70
	Outdoor Unit	kg	58	90	100	120	175

Notes:

- The values of heating/cooling capacity/power input (COPI/EER) are based on measurement of EN14511 standard. Usage environment, such as operation of the heat pump, room temperature and controller adjustments, may cause disparities between practically determined and these values;
 - Sound pressure level measured at distance of 1m from the device;
 - For wall-mounted type, the compressor is located in the outdoor unit;
- Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.

DC Inverter HP (Normal Temp.) Monoblock

Technical Specifications

Model	HP	V/Hz/Ph	DHP-09M	DHP-14M	DHP-16M	DHP-24M	DHP-30M
			3	5	6	8	10
Power supply	Indoor unit	V/Hz/Ph	220-240/50/1				
	Outdoor unit	V/Hz/Ph	380-415/50/3				
+7°C/35°C Floor heating	Heating capacity	kW/h	9	14	16	24	30
	COP	-	4.5	4.6	4.56	4.45	4.1
+12°C/35°C Floor heating	Heating capacity	kW/h	8.5	12.5	14.3	21.7	28
	COP	-	2.18	3.9	4.0	3.92	3.9
-7°C/35°C Floor heating	Heating capacity	kW/h	7.1	11	12	18.9	24
	COP	-	2.4	3.61	4.4	6.52	8
+7°C/45°C Radiators	Heating capacity	kW/h	8.5	13	15	20.6	29
	COP	-	2.96	3.05	2.95	2.9	3
-7°C/45°C Radiators	Heating capacity	kW/h	6.8	10.2	12.5	18.0	22
	COP	-	2.34	2.41	2.4	2.37	2.3
+7°C/55°C Hot water	Heating capacity	kW/h	6	12	14	20	24
	COP	-	2.26	4	4.91	7.1	9.2
+35°C/7°C Fan coil	Cooling capacity	kW/h	7	11	13	20	24
	EER	-	2.7	2.8	2.7	2.76	2.6
Energy efficiency class	Floor heating	-	A++	A++	A++	A++	A+
	DHW mode	-	A+	A+	A+	A+	A+
Heating operation range	Ambient	°C	-	-	-15~25	-	-
	Water side	°C	-	-	18~60	-	-
Cooling operation range	Ambient	°C	-	-	10~43	-	-
	Water side	°C	-	-	7~22	-	-
Domestic hot water operation	Ambient	°C	-	-	-25~35	-	-
	Water side	°C	-	-	25~60	-	-
Rated water flow rate	m ³ /h		1.5	2.4	2.8	4.1	5.2
Rated pressure drop	kPa		30	45	45	40	47
Max. working pressure	Refrigerant	Bar	44	44	44	44	44
Controller	Water	Bar	7	7	7	7	7
External cabinet	-	-	Micro processor based digital wire controller with LCD display				
Compressor	Type	-	Rotary				
	Qty.	Nos.	1	1	1	1	1
	Refrigerant	-	R32/R410a				
Water heat exchanger	-	-	SUS 316 Brazed plate heat exchanger				
Electric heater (optional)	kW	3/6	6				
Water pump (optional)	-	-	DC type, Wilo/Shinwoo				
Expansion tank (optional)	L	5	8				
Water	Inlet&Outlet	inch	1"	1"	1"	1"	1-1/4"
Noise level	Indoor Unit	dB(A)	52	56	58	59	61
	Outdoor Unit	dB(A)	52	56	58	59	61
Net dimension (W*D*H)	Indoor Unit	mm	1160*430*820	1079*430*1273	1079*430*1368	1150*480*1565	1405*590*1626
Net weight	Indoor Unit	kg	75	130	145	157	230

Notes:

- The values of heating/cooling capacity/power input (COPI/EER) are based on measurement of EN14511 standard. Usage environment, such as operation of the heat pump, room temperature and controller adjustments, may cause disparities between practically determined and these values;
 - Sound pressure level measured at distance of 1m from the device;
 - If local ambient temperature will be below 0 °C in winter, please use an approved antifreeze solution;
- Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.

DC Inverter HP (Low Ambient Temp.) Split

Technical Specifications

Model	EDHP-09S	EDHP-14S	EDHP-16S	EDHP-24S	EDHP-30S
HP	3	5	6	8	10
Power supply	Indoor unit V/Hz/Ph Outdoor unit V/Hz/Ph	220-240/50/1	220-240/50/1, 380-415/50/3		
+7°C/35°C Floor heating	Heating capacity kW/h Power input kW COP	14 4.5 4.6	16 3.04 4.56	24 3.5 4.45	30 4.1 4.1
+2°C/35°C Floor heating	Heating capacity kW/h Power input kW COP	8.5 2.18 3.9	12.5 3.13 4.0	14.3 3.7 3.92	21.7 5.5 4.0
-7°C/35°C Floor heating	Heating capacity kW/h Power input kW COP	7.1 2.4 2.96	11 3.61 3.05	13 4.4 2.95	18.9 5.2 3
+7°C/45°C Radiators	Heating capacity kW/h Power input kW COP	8.5 2.4 3.54	13 3.6 3.62	15 4.41 3.4	20.6 5.9 3.5
-7°C/45°C Radiators	Heating capacity kW/h Power input kW COP	6.8 2.9 2.34	10.2 4.23 2.41	12.5 5.2 2.4	18.0 6.6 2.3
+7°C/55°C Hot water	Heating capacity kW/h Power input kW COP	6 2.26 2.65	12 4 3	14 4.91 2.85	20 7.2 2.6
-12°C/41°C Floor heating	Heating capacity kW/h Power input kW COP	6 2.6 2.3	10.5 4.5 2.36	11.5 5.1 2.26	17.8 6.6 2.3
+35°C/7°C Fan coil	Cooling capacity kW/h Power input kW EER	7 2.7 2.7	11 3.95 2.8	13 4.81 2.7	20 7.25 2.6
Energy efficiency class	Floor heating DHW mode	A++ A+	A++ A+	A++ A+	A++ A+
Heating operation range	Ambient Water side	°C °C	-25~25 18~60	-25~25 18~60	-25~25 18~60
Cooling operation range	Ambient Water side	°C °C	10~43 7~22	10~43 7~22	10~43 7~22
Domestic hot water operation	Ambient Water side	°C °C	-25~35 25~60	-25~35 25~60	-25~35 25~60
Rated water flow rate	m³/h	1.5	2.4	2.8	4.1
Rated pressure drop	kPa	30	45	45	40
Max. working pressure	Refrigerant Water	Bar Bar	44 7	44 7	44 7
Controller	-	Micro processor based digital wire controller with LCD display			
External cabinet	-	Galvanized steel with powder coating			
Compressor	Type	-	Rotary	Rotary/Scroll	Rotary/Scroll
Qty.	Nos.	1	1	1	1
Refrigerant	-	R32/R410a	-	-	-
Water heat exchanger	-	SUS 316 Brazed plate heat exchanger			
Electric heater	kW	-	3/6	-	6
Water pump	-	-	DC type, Wilo/Shinwoo	-	Shinwoo
Expansion tank	L	5	5	5	10
Water	Inlet&Outlet inch	1"	1"	1"	1-1/4"
Noise level	Indoor Unit dBA	42	42	42	42
Noise level	Outdoor Unit dBA	52	56	58	61
Net dimension (W*D*H)	Indoor Unit mm	522*296*863.5	522*296*863.5	522*296*863.5	602*308*880
Net weight	Indoor Unit kg	950*445*800	976*410*1273	940*448*1365	1150*480*1565
Net weight	Outdoor Unit kg	58	90	100	120

- Notes:
- The values of heating/cooling capacity/power input/COPIER are based on measurement of EN14511 standard. Usage environment, such as operation of the heat pump, room temperature and controller adjustments, may cause disparities between practically determined and these values;
 - Sound pressure level measured at distance of 1m from the device;
 - For wall-mounted type, the compressor is located in the outdoor unit;
- Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.

DC Inverter HP (Low Ambient Temp.) Monoblock

Technical Specifications

Model	EDHP-09M	EDHP-14M	EDHP-16M	EDHP-24M	EDHP-30M
HP	3	5	6	8	10
Power supply	Indoor unit V/Hz/Ph Outdoor unit V/Hz/Ph	220-240/50/1	380-415/50/3		
+7°C/35°C Floor heating	Heating capacity kW/h Power input kW COP	9 2 4.5	14 3.04 4.6	16 3.5 4.56	24 4.1 4.1
+2°C/35°C Floor heating	Heating capacity kW/h Power input kW COP	8.5 2.18 3.9	12.5 3.13 4.0	14.3 3.7 3.92	21.7 5.5 4.0
-7°C/35°C Floor heating	Heating capacity kW/h Power input kW COP	7.1 2.4 2.96	11 3.61 3.05	13 4.4 2.95	18.9 5.2 3
+7°C/45°C Radiators	Heating capacity kW/h Power input kW COP	8.5 2.4 3.54	13 3.6 3.62	15 4.41 3.4	20.6 5.9 3.5
-7°C/45°C Radiators	Heating capacity kW/h Power input kW COP	6.8 2.9 2.34	10.2 4.23 2.41	12.5 5.2 2.4	18.0 6.6 2.3
+7°C/55°C Hot water	Heating capacity kW/h Power input kW COP	6 2.26 2.65	12 4 3	14 4.91 2.85	20 7.2 2.6
-12°C/41°C Floor heating	Heating capacity kW/h Power input kW COP	6 2.6 2.3	10.5 4.5 2.36	11.5 5.1 2.26	17.8 6.6 2.3
+35°C/7°C Fan coil	Cooling capacity kW/h Power input kW EER	7 2.7 2.7	11 3.95 2.8	13 4.81 2.7	20 7.25 2.6
Energy efficiency class	Floor heating DHW mode	A++ A+	A++ A+	A++ A+	A++ A+
Heating operation range	Ambient Water side	°C °C	-25~25 18~60	-25~25 18~60	-25~25 18~60
Cooling operation range	Ambient Water side	°C °C	10~43 7~22	10~43 7~22	10~43 7~22
Domestic hot water operation	Ambient Water side	°C °C	-25~35 25~60	-25~35 25~60	-25~35 25~60
Rated water flow rate	m³/h	1.5	2.4	2.8	4.1
Rated pressure drop	kPa	30	45	45	40
Max. working pressure	Refrigerant Water	Bar Bar	44 7	44 7	44 7
Controller	-	Micro processor based digital wire controller with LCD display			
External cabinet	-	Galvanized steel with powder coating			
Compressor	Type	-	Rotary	Rotary/Scroll	Rotary/Scroll
Qty.	Nos.	1	1	1	1
Refrigerant	-	R32/R410a	-	-	-
Water heat exchanger	-	SUS 316 Brazed plate heat exchanger			
Electric heater (optional)	kW	-	3/6	-	6
Water pump (optional)	-	-	DC type, Wilo/Shinwoo	-	Shinwoo
Expansion tank (optional)	L	5	5	5	10
Water	Inlet&Outlet inch	1"	1"	1"	1-1/4"
Noise level	Indoor Unit dBA	42	42	42	42
Noise level	Outdoor Unit dBA	52	56	58	61
Net dimension (W*D*H)	Indoor Unit mm	1160*430*820	1079*430*1273	1079*430*1368	1150*480*1565
Net weight	kg	75	130	145	230

- Notes:
- The values of heating/cooling capacity/power input/COPIER are based on measurement of EN14511 standard. Usage environment, such as operation of the heat pump, room temperature and controller adjustments, may cause disparities between practically determined and these values;
 - Sound pressure level measured at distance of 1m from the device;
 - If local ambient temperature will be below 0°C in winter, please use an approved antifreeze solution;
- Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.

EVI Low Ambient Heat Pump

Solutions to Heating, Cooling & Sanitary Hot Water



Blueway EVI Low Ambient Heat Pump has normal ambient & low ambient type, including split & monoblock type, which can provide air conditioning, heating and hot water for families, apartments, small industrial sites, etc. Its core philosophy is to solve users' house heating during winter and cooling during summer, as well as domestic hot water. Additionally, it can work with solar, boiler or electric heater according to the practical condition of the heating system. For low ambient type, it can stably work under ambient temperature down -35°C . Some models have gotten ErP A++ from TUV.



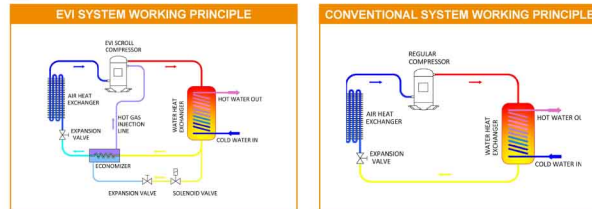
Features & Highlights



- Extended working range down to -35°C ambient (low ambient type)
- 5 modes: heating only, heating+DHW, cooling only, cooling+hot water, DHW only
- Low running costs and high efficiency
- Long-life and corrosion resistant composite cabinet stands up to severe climates
- Famous compressor ensures outstanding performance and durability
- LCD Touch screen with self-diagnostic control function
- With control output for three-way valve
- Easy operation and simple installation
- WIFI control function is optional

Key Components

Comparison (EVI System & Conventional System)



Intelligent Control



The units are supplied with micro processor based digital controller with LCD touch display. The controller is programmed to provide a maximum protection to the heat pump system and accurate temperature control. The control panel is completely factory wired with all accessories and terminals included.

Plate Heat Exchanger

- High corrosion resistance
- High thermal efficiency
- High working temperature



High Efficiency Compressor

- High efficiency and energy saving
- Quiet operation due to less moving parts
- Adopt famous brand rotary or scroll compressor

High Efficiency Class A Pump

Energy saving pump with constant volume or pressure adjustment function. German Wilo or Chinese Shinoo water pump is optional.



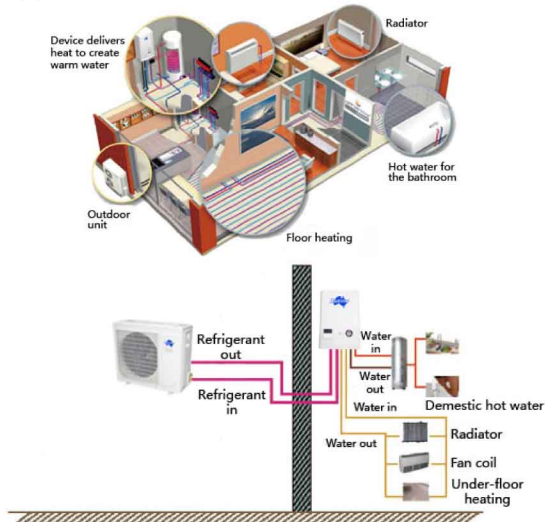
Split Type



Features & Highlights

- No water freezing problem with split design (water system inside the house)
- The outdoor unit is designed for anti-snow
- The indoor unit is designed for substituting traditional boilers easily, with luxurious facade

Applications



Monoblock Type

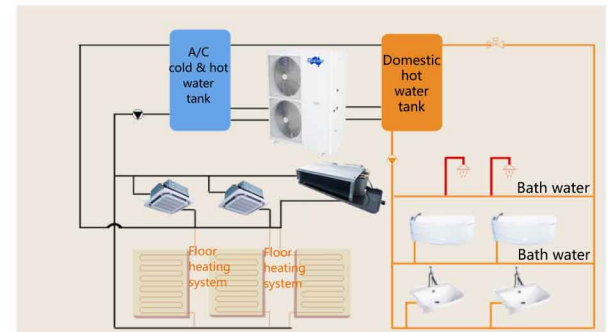


Features & Highlights

- With classic leisure product appearance
- Compact, weather-resistant and easy to install
- All in one system to save installation space & time
- Option: built-in water pump, expansion tank & electric heater

Applications

The Installation Diagram



EVI Low Ambient Heat Pump - Split

(On/Off Type)

Technical Specifications

Model			EHP-09S	EHP-13S	EHP-17S	EHP-17S	EHP-22S	EHP-28S
HP			3	5	6	6	8	10
Power supply	Indoor unit	V/Ph/Hz	220-240/50/1, 380-415/50/3					
	Outdoor unit	V/Ph/Hz	220-240/50/1, 380-415/50/3					
+7°C/35°C Floor heating	Heating capacity	kW/h	9.5	14.0	17.0	17.0	22	28.5
	Power input	kW	2.6	3.4	4.1	4.0	5.1	7
+2°C/35°C Floor heating	Heating capacity	kW/h	8.5	12.3	15	15	19.5	26
	Power input	kW	2.5	3.2	3.9	3.9	5.0	6.9
-7°C/35°C Floor heating	Heating capacity	kW/h	6.8	10.6	12.5	12.5	16.5	22
	Power input	kW	2.3	3.6	4.3	4.2	5.7	7.7
+7°C/45°C Radiators	Heating capacity	kW/h	9	13	16	16	20.5	25.5
	Power input	kW	2.9	3.9	4.9	4.6	6	8
-12°C/41°C Floor heating	Heating capacity	kW/h	5.8	9	10.5	10.5	13	17
	Power input	kW	2.5	3.8	4.6	4.5	5.6	7.6
+35°C/7°C Fan coil	Cooling capacity	kW/h	6	10	11.8	11.8	20	25
	Power input	kW	2.3	3.6	4.5	4.4	7.4	9.6
Heating operation range	Ambient	°C	-25~25					
	Water side	°C	18~55					
Cooling operation range	Ambient	°C	10~43					
	Water side	°C	7~22					
Domestic hot water operation range	Ambient	°C	-25~25					
	Water side	°C	25~55					
Rated water flow rate		m³/h	1.6	2.4	2.9	2.9	3.8	4.9
Rated pressure drop		kPa	30	40	45	45	45	40
Max. working pressure	Refrigerant	Bar	44	44	44	44	44	44
	Water	Bar	7	7	7	7	7	7
Controller	-							
External cabinet	-							
	Galvanized steel with powder coating							
Compressor	Type	-	Rotary					
	Qty.	Nos.	1	1	1	1	1	1
	Refrigerant	-	R410a					
Water heat exchanger	-							
Electric heater	SUS 316 Braze plate heat exchanger							
	kW			3/6			6	
Water pump			5	8	8	8	8	10
Expansion tank	-							
	Wilo/Shinwoo							
Water connection	Inlet&Outlet	inch	1"	1"	1"	1"	1"	1-1/4"
Noise level	Indoor Unit	dB(A)	42	42	42	42	42	42
	Outdoor Unit	dB(A)	52	53	55	55	55	56
Net dimension (W*D*H)	Indoor Unit	mm	522*296*863.5	522*296*863.5	522*296*863.5	522*296*863.5	522*296*863.5	602*308*880
	Outdoor Unit	mm	950*445*800	976*410*1273	940*448*1365	940*448*1365	1150*480*1565	1405*590*1626
Net weight	Indoor Unit	kg	50	50	50	50	50	70
	Outdoor Unit	kg	55	80	90	90	110	165

Notes:

- The values of heating (cooling) capacity/power input/COP (EER) are based on measurement of EN14511 standard. Usage environment, such as operation of the heating equipment, room temp. & controller adjustments, may cause disparities between practically determined and these values;
- Sound pressure level measured at distance of 1m from the device;
- For wall-mounted type, the compressor is located in the outdoor unit.

Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.

EVI Low Ambient Heat Pump - Monoblock

(On/Off Type)

Technical Specifications

Model			EHP-09M	EHP-13M	EHP-17M	EHP-17M	EHP-22M	EHP-28M
HP			3	5	6	6	8	10
Power supply		V/Ph/Hz	220-240/1/50			380-415/3/50		
+7°C/35°C Floor heating	Heating capacity	kW/h	9.5	14.0	17.0	17.0	22	28.5
	Power input	kW	2.6	3.4	4.1	4.0	5.1	7
+2°C/35°C Floor heating	Heating capacity	kW/h	8.5	12.3	15	15	19.5	26
	Power input	kW	2.5	3.2	3.9	3.9	5.0	6.9
-7°C/35°C Floor heating	Heating capacity	kW/h	6.8	10.6	12.5	12.5	16.5	22
	Power input	kW	2.3	3.6	4.3	4.2	5.7	7.7
+7°C/45°C Radiators	Heating capacity	kW/h	9	13	16	16	20.5	25.5
	Power input	kW	2.9	3.9	4.9	4.6	6	8
-12°C/41°C Floor heating	Heating capacity	kW/h	5.8	9	10.5	10.5	13	17
	Power input	kW	2.5	3.8	4.6	4.5	5.6	7.6
+35°C/7°C Fan coil	Cooling capacity	kW/h	6	10	11.8	11.8	20	25
	Power input	kW	2.3	3.6	4.5	4.4	7.4	9.6
Heating operation range	Ambient	°C	-25~25					
	Water side	°C	18~55					
Cooling operation range	Ambient	°C	10~43					
	Water side	°C	7~22					
Domestic hot water operation range	Ambient	°C	-25~25					
	Water side	°C	25~55					
Rated water flow rate		m³/h	1.6	2.4	2.9	2.9	3.8	4.9
Rated pressure drop		kPa	30	40	45	45	45	40
Max. working pressure	Refrigerant	Bar	44	44	44	44	44	44
	Water	Bar	7	7	7	7	7	7
Controller		-	Micro processor based digital wire controller with LCD display					
External cabinet		-	Galvanized steel with powder coating					
Compressor	Type	-	Rotary					
	Qty.	Nos.	1	1	1	1	1	1
	Refrigerant	-	R410a					
Water heat exchanger		-	Braze plate heat exchanger					
Electric heater (optional)		kW	3/6				6	
Water pump (optional)		-	5	8	8	8	8	10
Expansion tank (optional)		-	Wilo/Shinwoo					
Water connection		Inlet&Outlet	inch	1"	1"	1"	1"	1-1/4"
Noise level		dB(A)	52	53	55	55	55	58
Net dimension (W*D*H)		mm	1160*430*820	1079*430*1273	1079*430*1368	1079*430*1368	1150*480*1565	1405*590*1626
Net weight		kg	70	110	110	125	135	210

Notes:

- The values of heating (cooling) capacity/power input/COP (EER) are based on measurement of EN14511 standard. Usage environment, such as operation of the heating equipment, room temp. & controller adjustments, may cause disparities between practically determined and these values;
- Sound pressure level measured at distance of 1m from the device;
- If local ambient temperature will be below 0°C in winter, please use an approved antifreeze solution.

Blueway reserves the rights to modify the above specifications without notice for product improvement. Please contact us for updated information.