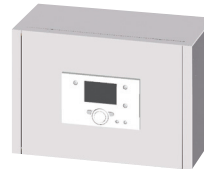


waterstage air to water system



Monobloc Unit 8kW and 10kW



Control Box

or

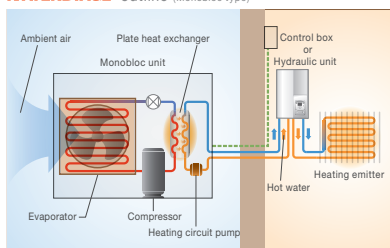


Hydrobox

Compact All-in-One model

A compact designed heat pump with no refrigerant pipe work or connections necessary, only hydraulic connections required. Circulation pump, safety valve and automatic vent valve are included. Easy overall access for all maintenance operations.

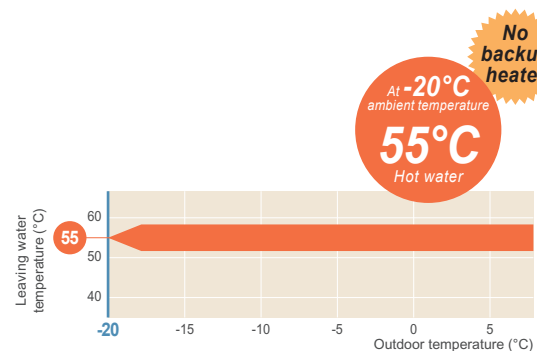
WATERSTAGE outline (Monobloc type)



Easy Installation and maintenance

High leaving water temperature

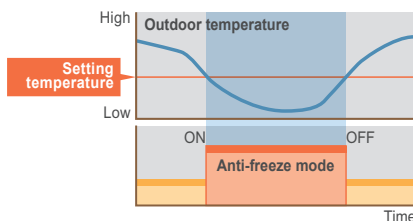
A high leaving water temperature can be achieved at -20°C ambient temperature without the need for backup heaters.



High reliability

Anti-freeze Function

Water circulation can be automatically performed at low outdoor temperature. Freezing of circulated water can be prevented.



High COP

High COP is possible due to a DC twin rotary compressor, inverter technology, and highly efficient water heat exchanger.



*Condition : Outdoor Temp. 7°C Heating Temp. 35°C .

Intelligent control

The compact monobloc can be connected either with the hydrobox or a wired remote controller (control box).

Features of the hydrobox

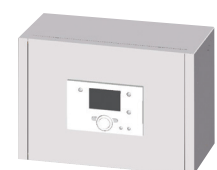
- Electrical backup buffer tank (22L)
- Two backup heaters, each with 3kW capacity
- Expansion vessel (12L)
- Automatic heating curve control
- Programmable timer
- Control of DHW temperature*
- Anti-legionella function
- Various remote control options



Hydrobox

Features of the control box



- Automatic heating curve control
- Cooling operation is possible*
- Anti-legionella function
- Possible to interface boiler and electric heaters as backup



Control Box

*Optional parts are required

Specifications

Type			8	10	8	10
Series name			Compact series *3		with hydraulic unit	
						
Capacity range (kW)			8	10	8	10
+7°C / +35°C floor heating *1	Heating capacity	kW	8.00	10.00	8.00	10.00
	Input power		1.78	2.30	1.78	2.30
	COP		4.50	4.35	4.50	4.35
+2°C / +35°C floor heating *1	Heating capacity	kW	5.20	6.67	5.20	6.67
	Input power		1.64	2.12	1.64	2.12
	COP		3.17	3.14	3.17	3.14
-7°C / +35°C floor heating *1	Heating capacity	kW	6.85	7.26	6.85	7.26
	Input power		2.63	3.01	2.63	3.01
	COP		2.61	2.41	2.61	2.41
+7°C / +45°C radiators *1	Heating capacity	kW	7.80	9.80	7.80	9.80
	Input power		2.23	2.88	2.23	2.88
	COP		3.50	3.40	3.50	3.40
-7°C / +45°C radiators *1	Heating capacity	kW	6.03	6.53	6.03	6.53
	Input power		2.74	3.19	2.74	3.19
	COP		2.20	2.05	2.20	2.05
Hydrobox			Model Name		WSYP100DF6	
Power source			-		1Ø 230V, 50Hz	
Dimensions HxWxD			mm		803 x 450 x 457	
Weight (Net)			kg		40	
Buffer tank capacity			L		22	
Expansion vessel capacity			L		12	
Water pipe connection diameter			Flow / Return		mm	
			-		Ø25.4 / Ø25.4	
Monobloc			Model Name		WPYA080LF WPYA100LF WPYA080LF WPYA100LF	
Power source			1Ø 230V, 50Hz		1Ø 230V, 50Hz	
Water circulation	Rated	L / min	22.9	28.7	22.9	28.7
	Min / Max		10.0 / 30.0	10.0 / 30.0	10.0 / 30.0	10.0 / 30.0
Current	Rated	A	8.00	10.20	8.00	10.20
Noise level (Sound pressure)			dB(A)		51*2 51*2 51*2 51*2	
Dimensions HxWxD			mm		881.5 x 850 x 330 881.5 x 850 x 330	
Weight (Net)			kg		74 74	
Water pipe connection diameter			Flow / Return		mm	
			Ø25.4 / Ø25.4		Ø25.4 / Ø25.4	
Refrigerant			R410A		R410A	
Refrigerant amount			kg		1.6 1.6	
Leaving water temperature range			°C		23 to 55 23 to 55	
Operation range			Heating		°C	
			-20 to 35		-20 to 35	



*1. The values of heating capacity/power input/COP are based on measurement of EN14511 standard. Usage environment, such as operation of the heating equipment, room temperature, and controller adjustments, may cause disparities between practically determined and these values.

*2. Sound pressure level measured at distance of 1m from the device.

*3. Only compact series includes control box as standard.



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