







Model		PSRW040-W	PSRW040S-W
Power Supply	/	230V/50Hz~60Hz	380V/3N~/50-60Hz
Heating Capacity	kW	10	
Cooling Capacity	kW	8	
Water Volume	L/H	300	
Operation Ambient Temp. Range	°C	-25~43	
Water Temp. Range	°C	5~60	
Water Connection	inch	1	
Heating Side Water Connection	inch	1	
Hot Water Side Water Connection	inch	3/4	
Heating Side Pressure (Max)	bar	3	
Hot Water Side Pressure (Max)	bar	10	
Main Circulation Water Pump	/	DC Water pump	
Water Head	m	7.5	
Heating Water Pump	/	DC Water pump	
Water Head	m	10.5	
Hot Water Water Pump	/	DC Water pump	
Water Head	m	7.5	
Expansion Tank	L	6	
Stepless Auxiliary Heater	kW	0~6	
Sound pressure at 1 meter	dB(A)	35	
Net Weight	kg	30	
Unit Dimensions (L x W x H)	mm	720×520×265	

The above data is for reference only; specific data is subject to the product nameplate.

## EasyHydro

Make Heat Pump Installation Easy!



-  Easy Installation
-  Compact Design
-  Smart Wire Controller
-  Available for Radiator, Fan Coil, Water Heating and Floor Heating

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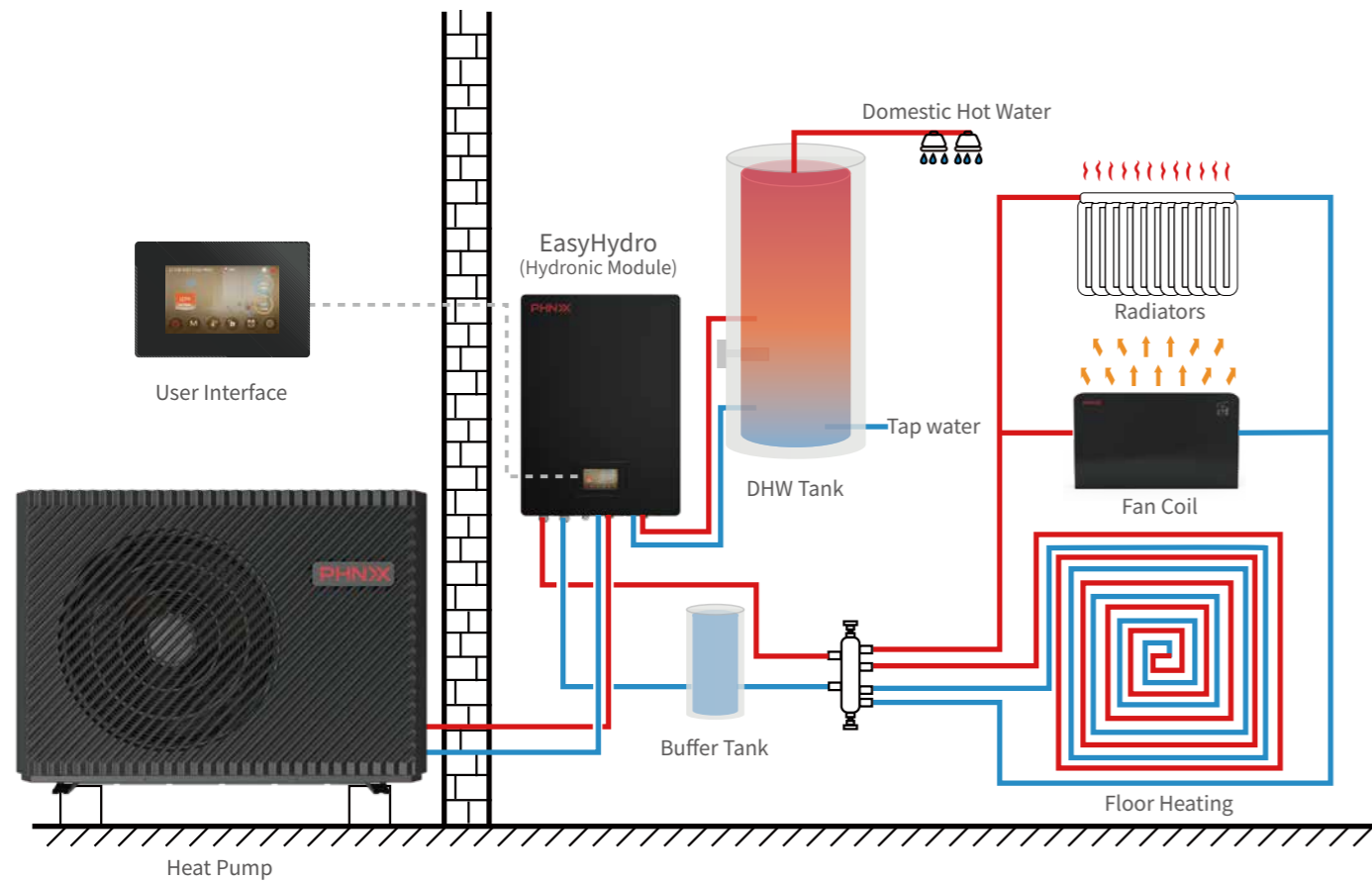
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## ■ Installation with EasyHydro



PHNIX provides the monoblock heat pump (without circulation pump) and the EasyHydro. EasyHydro includes one small size built-in buffer tank, one main circulation water pump, one space heating/cooling circulation water pump, one DHW pump, safety valve, water charge valve and expansion tank, electrical heater. When install the unit, installer should connect the heat pump directly to the EasyHydro while the buffer tank (for space heating/cooling) is considered whether to add or not. Storage water tank is needed for the domestic hot water application. Temperature sensor should be added in the storage water tank.

## ■ Explosion View



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## ■ Stepless Electric Heating

Through silicon controlled technology, the stepless electric heating output makes the temperature adjustment more accurate without interrupting the stable running of the heat pump system.

## ■ DC Inverter Water Pumps

Three DC inverter water pumps are used to guarantee the best quality of product.

## ■ Pressure Relief Valve

Pressure relief valve is also called a safety valve, which is one of the most important type of safety valves, this type of valve sets a limit on the rise of pressure within a hydraulic line in normal operation, the valve is closed and no fluid passes through, but if the pressure in the line exceeds the limit the valve opens to relieve the pressure, this protects heat pump from being damaged from high pressure.

## ■ Component Integration

Apart from the heat pump unit, EasyHydro is an integration of all main components, including water pump, valves, filters, constant pressure water replenishment device, electric control cabinet, etc. That is why the unit has the thinnest 265 mm design in the market.

## ■ Space Heating+Water Heating

Unlike the traditional heat pump system in which a three-way valve is used for controlling the space heating and water heating, the EasyHydro uses an advanced technology to realize this control without three-way valve.

## ■ Refill valve

The automatic refill valve can automatically maintain the pressure of the system at the set value and can prevent the hot water from the heating system from returning to the cold water pipe, achieving accurate pressure and system stability.