



## H2C-A2W Series Air to Water Condensing Units

### DC Inverter EVI Technology

DC Inverter EVI Technology can effectively reduce power consumption and improve the heating capacity of heat pump units to ensure stable performance even at ambient temperatures as low as -25°C, which helps to offer the users optimum house heating and hot water supply all year round.



7,848-78,479 BTU Heating  
5,322- 51,182 BTU Cooling  
10,236-89,398 BTU HW Capacity

## Specification

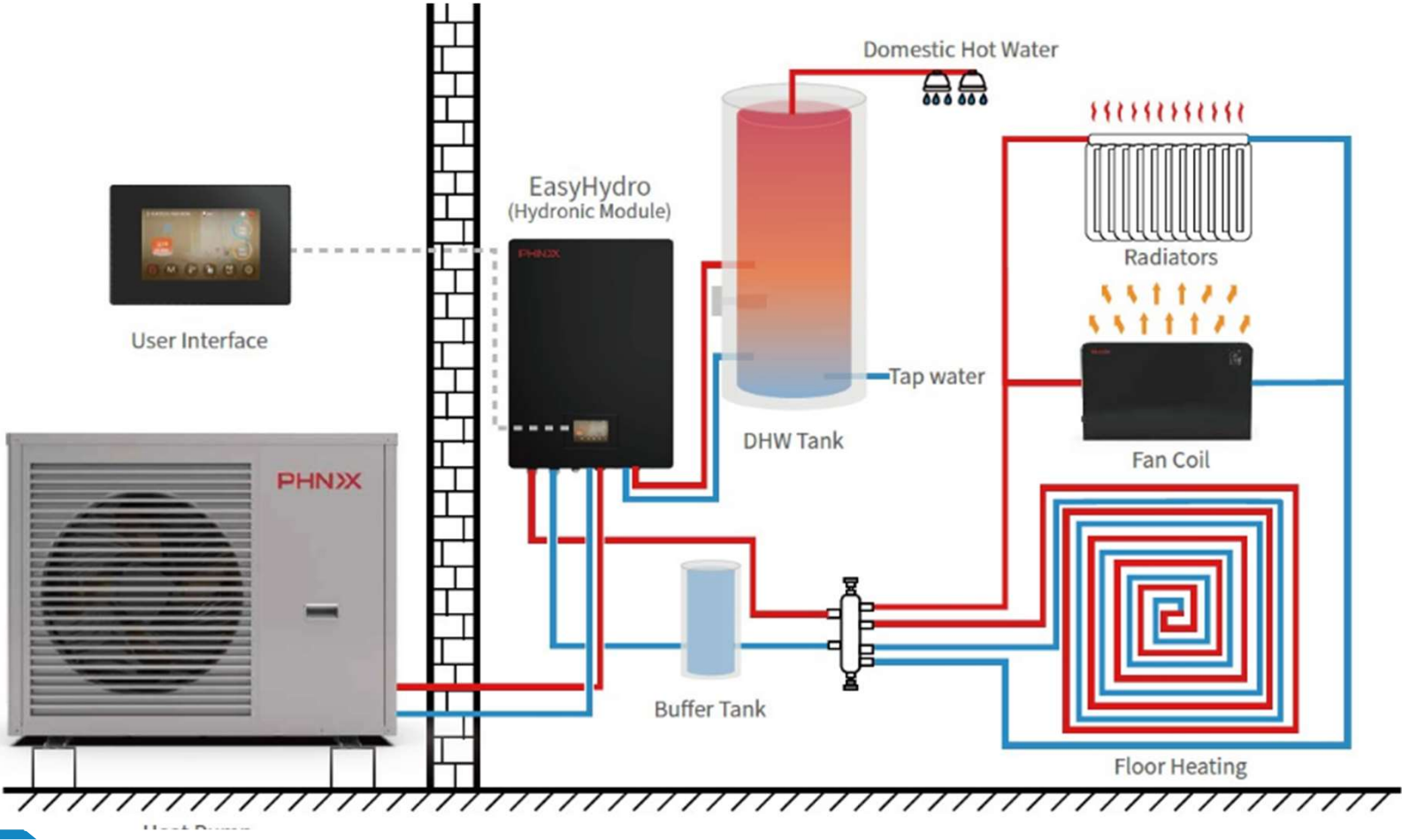
Model	PASRW020-BP-PS-B	PASRW040-BP-PS-B	PASRW040S-BP-PS-B	PASRW060-BP-PS-B	PASRW060S-BP-PS-B	
Power Supply	/	220-240V~/50Hz	220-240V~/50Hz	380-415V/3N~/50Hz	220-240V~/50Hz 380-415V/3N~/50Hz	
Heating Condition - Ambient Temp. (DB/WB): 7/6°C, Water Temp. (In/Out): 30/35°C						
Heating Capacity Range	kW	2.30-8.20	3.80-12.50	3.80-12.50	7.00-23.00	7.00-23.00
Heating Power Input Range	kW	0.50-1.84	0.80-2.95	0.80-2.95	1.47-5.90	1.47-5.90
Heating Current Input Range	A	2.17-8.00	3.48-12.80	1.33-4.92	6.50-25.90	2.60-10.42
Cooling Condition - Ambient Temp. (DB/WB): 35/24°C, Water Temp. (In/Out): 12/7°C						
Cooling Capacity Range	kW	1.56-6.00	2.20-10.00	2.20-10.00	4.35-15.00	5.30-15.00
Cooling Power Input Range	kW	0.63-2.36	1.10-3.80	1.10-3.80	1.65-6.59	2.03-6.59
Cooling Current Input Range	A	2.74-10.30	4.78-8.26	1.84-6.36	7.58-30.00	3.59-11.64
Hot Water Condition - Ambient Temp. (DB/WB): 20/15°C, Water Temp. (In/Out): 15/55°C						
Hot Water Capacity Range	kW	3.00-9.50	4.15-16.00	4.15-16.00	8.80-26.20	8.80-26.20
Hot Water Power Input Range	kW	0.62-2.30	0.90-3.85	0.90-3.85	2.10-6.29	2.10-6.29
Hot Water Current Input Range	A	2.70-10.00	3.91-17.2	1.50-6.43	9.22-27.60	3.71-11.11
Max. Power Input	kW	2.90	4.95	4.95	6.60	8.30
Max. Current Input	A	13.0	21.4	8.0	30.0	15.0
Water Flow	m³/h	1.00	1.70	1.70	2.90	2.90
Refrigerant / Proper Input	kg	R32 / 1.1kg	R32 / 1.8kg	R32 / 1.8kg	R32 / 2.0kg	R32 / 2.0kg
CO <sub>2</sub> Equivalent	Ton	0.74	1.22	1.22	1.35	1.35
Sound Pressure (1m)	dB(A)	41	43	43	44	45
Sound Power Level <sub>EN123102</sub>	dB(A)	55	58	60	61	61
Operating Ambient Temperature	°C					-25-43
Max. Water Temperature	°C					60
Fan Quantity	/	1	1	1	2	2
Fan Motor Type	/					DC
Water Connection	inch					1
Water Pressure Drop (max)	kPa	40	45	45	69	69
Circulation Pump Water Head	m	7.5	7.5	7.5	12.5	12.5
ErP Level(35°C)	/					A+++
Cabinet Type	/					Galvanized sheet+ASA
Unit Dimension(L/W/H)	mm	1167×407×795	1287×458×928	1287×458×928	1250×540×1330	1250×540×1330
Shipping Dimensions(L/W/H)	mm	1300×485×940	1420×540×1080	1420×540×1080	1380×570×1480	1380×570×1480

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

# H<sub>2</sub>O COIL™

## H2EZ- Easy Hydro Module

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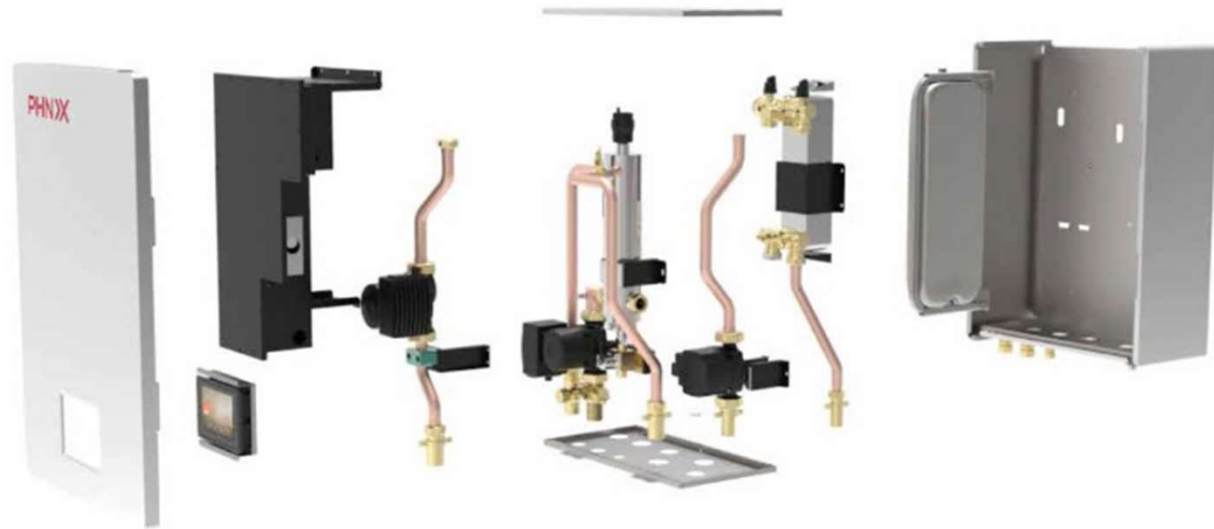




## H2EZ- Easy Hydro Module

- **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.





## HDWT Series Domestic Water Tanks



HDWT-DP

## HDWT-E

- Enamel Water Tank

The enamel is brushed inside the water tank which is of high resistance and of great pressure bearing, because the enamel makes the welding line of the stainless panel separate with the water. That prolongs the working life for the unit.



### **An Innovative Water Tank-A versatile partner of Your Heat Pump**

Utilizing a patented design, multi-functional water tank is a thermal type water tank that can be used in house heating and hot water supply simultaneously.





The **HAHV-EC Series** ranges from 200 to 2000 CFM. ECM

ECM motor which allows **communication with various inputs**.  
Quick & Easy / Multi-position Installation.

Robust Galvanized Steel Housing with Charcoal Powder Coat Finish

**Quality Assured** - All units are CSA and CE approved

Available Coil Options: DX/HP ,Chilled Water, Hot Water and Electric Heaters for AC & Heating conventional duct systems.

Power & Savings -All units come with a **VFD drive** which allows our built in pressure sensor to increase the speed of the fan to maintain design CFM and allows big savings on constant volume airflow applications.

Optional Hot/Chilled Water Coils

Ranges from: 1-5 ton Cooling applications,  
21,000-200,000 BTU Heating

## HLVZ-PS



**High Static Air Handlers**  
with VFD Pressure Sensing  
Technology  
600-2000 CFM

## HWFC-UT



### Ultra-thin Water Fan Coils

Compared with the traditional heating radiators, H2O Ultra-thin Water Fan Coils can save more than 30% energy consumption. The advanced control makes well-proportioned temperature distribution and people feel more comfortable. When combined with heat pump units, the fan coil units can meet different heating or cooling requirements. With low noise of 30dB(A) and ultra-thin casing of 130mm, the units stand out of the terminal markets.