

HP BOX

DUAL WATER TANK

The Dual Water Tank is a compact, all-in-one indoor unit for heat pump systems. It integrates a touch display, electric backup heater, buffer tank, domestic hot water tank, direct heating circuit, and mixed heating circuit into a pre-configured system. This simplifies installation, hydraulic setup, and commissioning.



ALL-IN-ONE

Buffer tank, domestic hot water tank, hydraulic components, and control interface integrated into one unit.



EASY INSTALLATION

Pre-configured hydraulic design for simplified water pipe installation and reduced installation time.



SAFETY

Integrated safety components, including dirt separator, pressure relief valve, and filling and refill unit.



INTELLIGENT

Integrated Wi-Fi and LAN communication for system monitoring and cloud connectivity.

TECHNICAL SPECIFICATIONS

MODEL		HPI Box-G-WL
Power supply		220 ~ 240VAC, 50Hz
Rated input [W]		6200
Rated current [A]		28.8
Dimensions (W*H*D) [mm]		650*1760*765
Net weight [kg]		75
Gross weight [kg]		86
Monitoring module		Wi-Fi, LAN
Communication port		RS485
Display		Wired controller, App, Website
Electric heater	DHW immersion heater [kW]	3
	Primary immersion heater (buffer tank) [kW]	3
Nominal water volume	Heating system (including buffer tank) [L]	65
	Buffer tank [L]	60
	DHW tank [L]	210
Max. water pressure	Heating/cooling circuit [bar]	3.0
	Domestic hot water [bar]	7.0
Pump for outdoor unit	Type	DC inverter
	Max. head [m]	9
	Power input [W]	2 ~ 90
Pump for Zone 1	Type	AC
	Head [m]	9
	Power input [W]	90
Buffer tank	Volume [L]	60
	Max. operating pressure [bar]	3.0
	Drain connection	G 3/4"
DHW tank	Volume [L]	210
	Drain connection	G 3/4"
Control & relief valve settings	Pressure relief valve (cold water) [bar]	6.0
	Pressure relief valve (heating system) [bar]	3.0
	T&P valve	7.0 bar & 90°C
Connections	Heating flow from outdoor unit	G 1"
	Heating return to outdoor unit	G 1"
	Return from heating circuit 1	G 1"
	Flow to heating circuit 1	G 1"
	Flow to pump group of heating circuit 2	G 1"
	Return from pump group of heating circuit 2	G 1"
	Return from DHW tank	G 1"
	Flow to DHW tank	G 1"
	Water filling pipe to DHW tank	G 3/4"
Tap water	G 3/4"	
Operating range	Ambient temperature [°C]	5 ~ 45
	Heating/cooling water pressure [MPa(g)]	0.1 ~ 0.3
	Domestic hot water pressure [MPa(g)]	0.1 ~1.0