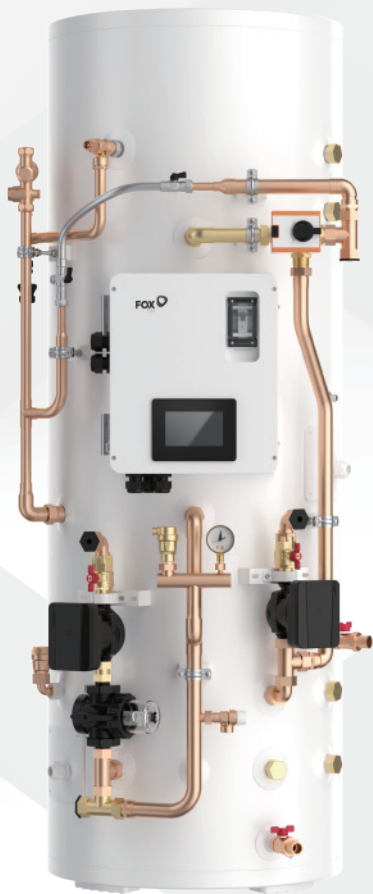




HP BOX SERIES

HYDRO BOX



ALL-IN-ONE

All components integrated in one box.



EASY INSTALLATION

Easy to connect water pipes.



SAFETY

Integrated dirt filter, pressure relief valve, filling section.



INTELLIGENT

SG Ready function. Operating data can be transmitted to Fox ESS Cloud via Wi-Fi or LAN.

The Hydro box accommodates "All-in-one" design philosophy integrating colorful touch display, electric heater, buffer tank, DHW tank, heating direct circuit and heating mixing circuit into one standard container for standardized manufacturing and simpler installation.



For more information about the Fox ESS range, visit
www.fox-ess.com



TECHNICAL SPECIFICATIONS

MODEL		HP1 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		WiFi, 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 Zone1	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	Relief valve (cold water) [Bar]	6.0
	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 circuit2	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"	
Operation 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