

EV FirePro Specifications

Patent Pending May 2024	
Dimensions	
Cover plate length	1990mm
Cover plate width	1270mm
Cover plate height	~30mm (Above FFL)
Weights	
Cover plate	~ 62.5 kg
Pipe frame	~ 36.5 kg
GRP infills (not included)	~ 18.5 kg
Supply pipe cover plate	~ 14.5 kg
Materials	
Cover plate	3mm T304 Stainless Steel Plate
Pipe frame	T304 Stainless Steel
Supply pipe spigots	T304 Stainless Steel
Water supply pipe	50mm High Pressure Layflat Hose
Supply pipe cover plates	3mm T304 Stainless Steel Plate
Other	25mm Glass-reinforced Plastic (GRP) infills
Spray nozzles (T304 Stainless Steel)	
Lateral	14
Vertical	7
Pressure & flow performance (Recommended)	
Optimal flow & pressure	8 litres / second (480 l/m) @ 750 kPa
Minimum flow	4.75 litres / second (285 l/m) @ 160 kPa
Optimal working pressure	~750 kPa
Max residual pressure	1000 kPa
Water supply connection	Male Nb40 (1 1/2" BSP thread)
Integrated automatic detection sensors (T304 Stainless Steel)	
Number of temperature sensing points	20
Activation temperature (adjustable)	Min 68 C° - Max 185 C°
Electrical	
Control box enclosure	300mm W x 300mm H x 200mm D
Required incoming mains power	110V AC 15Amp – 240V AC 10Amp
Power supply	110V AC – 240V AC 24V DC output with battery charger
Water valve	24V DC normally open solenoid or 24V DC motorised ball type
Fire alarm relay output	0V DC normally open or normally closed
Manual controls	24V DC 3 position selector switch (Auto / On / Off)
Indicator lamps	2 x 24V DC green (ready) and red (fault)
Aux batteries	2 x 12V DC 2.1 Ah (not included)

Important:

It is the purchaser's responsibility to obtain compliance advice from the local authority / local building surveyor related to connection of the EV FirePro fire suppression system to an existing prescribed fire safety installation (sprinkler / hydrant) prior to purchase. Connection of EV FirePro to an existing fire safety system should be carried out by an appropriately licenced / qualified service provider. All electrical work must be undertaken by a licenced electrical contractor. Any connections to a fire detection and alarm panel must be carried out by a suitably licenced technician.