

# FireDrench



## FireDrench

FIRE SPRINKLER PUMP SET

T: +44 (0)1825 764737 • [INFO@APPENG.CO.UK](mailto:INFO@APPENG.CO.UK) • [APPENG.CO.UK](http://APPENG.CO.UK)

**APPLICATIONS**  
ENGINEERING LTD



# FireDrench

# FireDrench

## FireDrench

### RANGE OF PUMP SETS & KITS

DESIGNED FOR THE RESIDENTIAL AND  
DOMESTIC FIRE SPRINKLER MARKET

- The range includes Pump Kits, Cat 1 pump sets & Cat 2-4 pump sets
- Pump sets fully assembled
- Plug & play, no extra parts required unlike other pump sets on the market
- Customisable, happy to move or add parts to customers spec, e.g. recirculation line & inlet available on either side
- BS 9251:2021 compliant
- Lead time on pump sets, 12 days, express build of 3 days available on any size



# RANGE OF PUMP SETS & KITS



## CAT 1

Assembly	Supplied as pump set
Category	CAT 1
Max Pressure	16 bar
Lead time	12 Days*

\*3 Day Express build available for extra charge

## HORIZONTAL RANGE

Assembly	Supplied as pump set
Category	Cat 2-4
Max Pressure	16 bar
Lead time	12 Days*

\*3 Day Express build available for extra charge

## VERTICAL RANGE

Assembly	Supplied as pump set
Category	Cat 2-4
Max Pressure	16 bar
Lead time	12 Days*

\*3 Day Express build available for extra charge

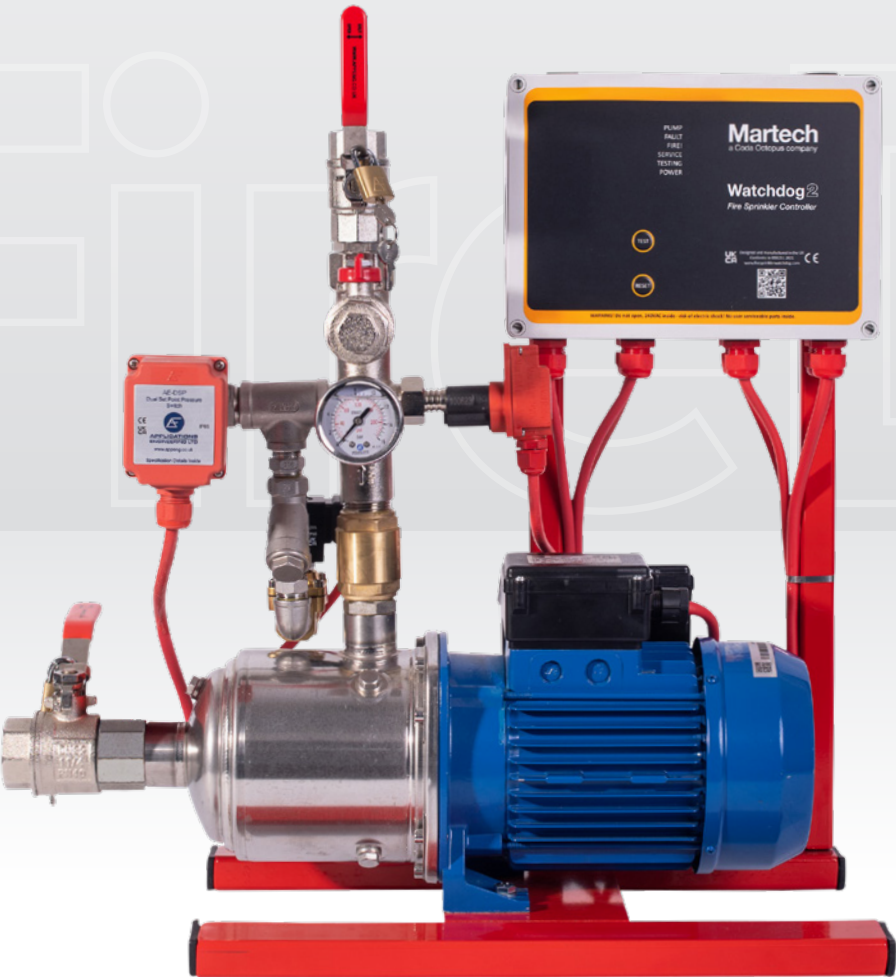
## UPS RANGE

Uninterrupted Power Supply	
Category	2-4

Pump Curve delivery is at the pump outlet only, not the system outlet, so is subject to suction conditions (i.e. pressure drop from tank to pump inlet).



CAT 1



PRODUCT OVERVIEW

- Fully compliant to BS9251-2021
- Applications Engineering pump sets come fully assembled with no extra parts required
- Plug and play unit, no excess wiring required
- Ball valve fitted to outlet & suction line, so no need to install extra ball valves like other manufacturers
- Compact Watchdog 2 controller
- Includes dual pressure switch & LPCB approved flow switch
- Fully tested & fitted to skid
- 12 Day lead time with 3 Day Express build available

SPECIFICATION

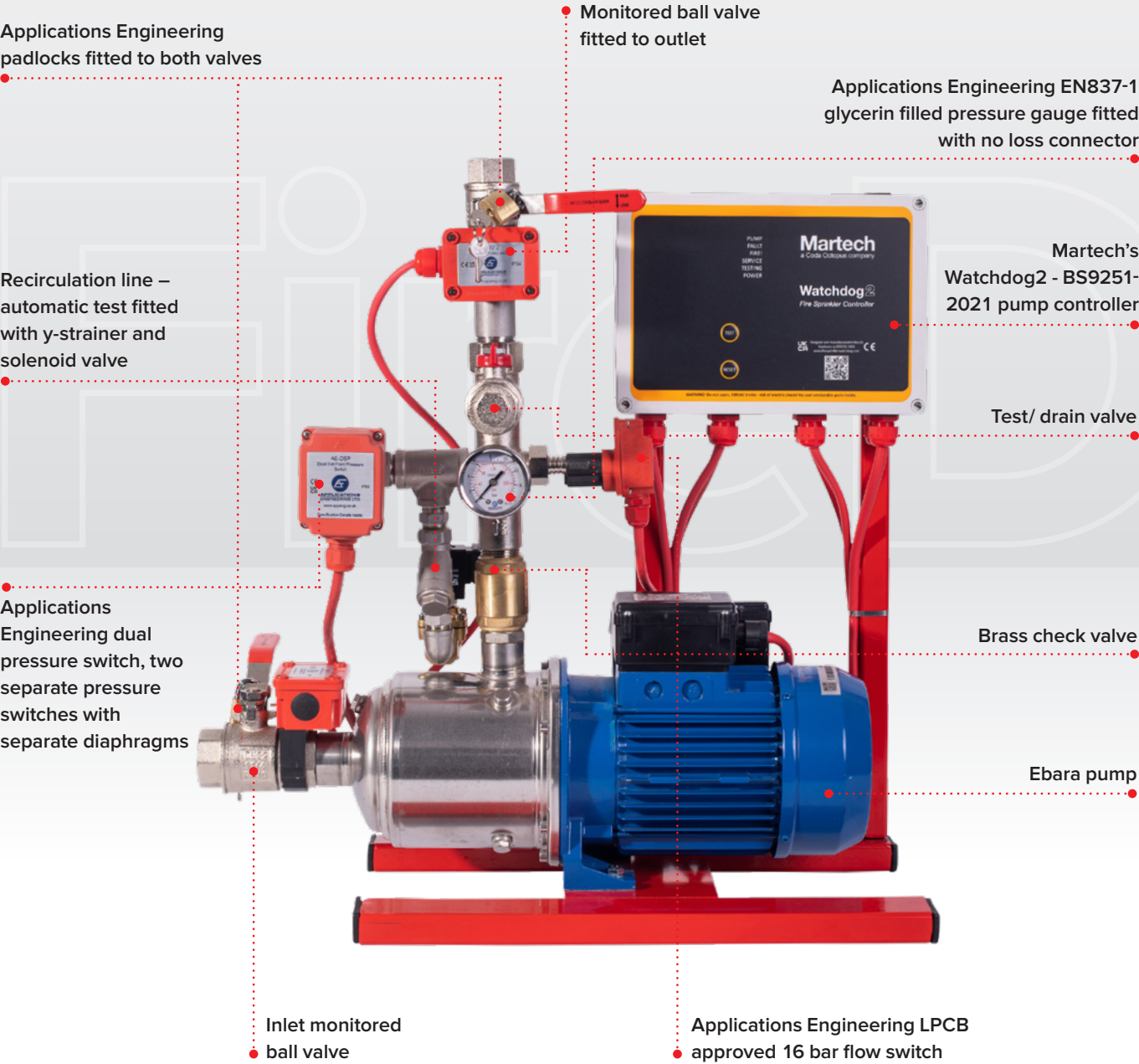
Category	1
Cable	FP200
Flow Range	20-130 l/min
Pressure Rating	PN16
Starting Type	DOL

MATERIALS

Manifold	Nickel Plated Brass
Valves	Nickel Plated Brass
Fittings	Stainless Steel
Solenoid Valve	Brass
Flow switch	Brass (pressure retaining parts)
Pump Casing	Stainless Steel
Pump Impellers	Stainless Steel
Base Plate	Powder-coated mild steel



# HORIZONTAL RANGE



## PRODUCT OVERVIEW

- Fully compliant to BS9251-2021
- Applications Engineering pump sets come fully assembled with no extra parts required
- Plug and play unit, no excess wiring required
- Ball valve fitted to outlet & suction line, so no need to install extra ball valves like other manufacturers
- Compact Watchdog 2 controller
- Includes dual pressure switch & LPCB approved flow switch
- Fully tested & fitted to skid
- 12 Day lead time with 3 Day Express build available

## SPECIFICATION

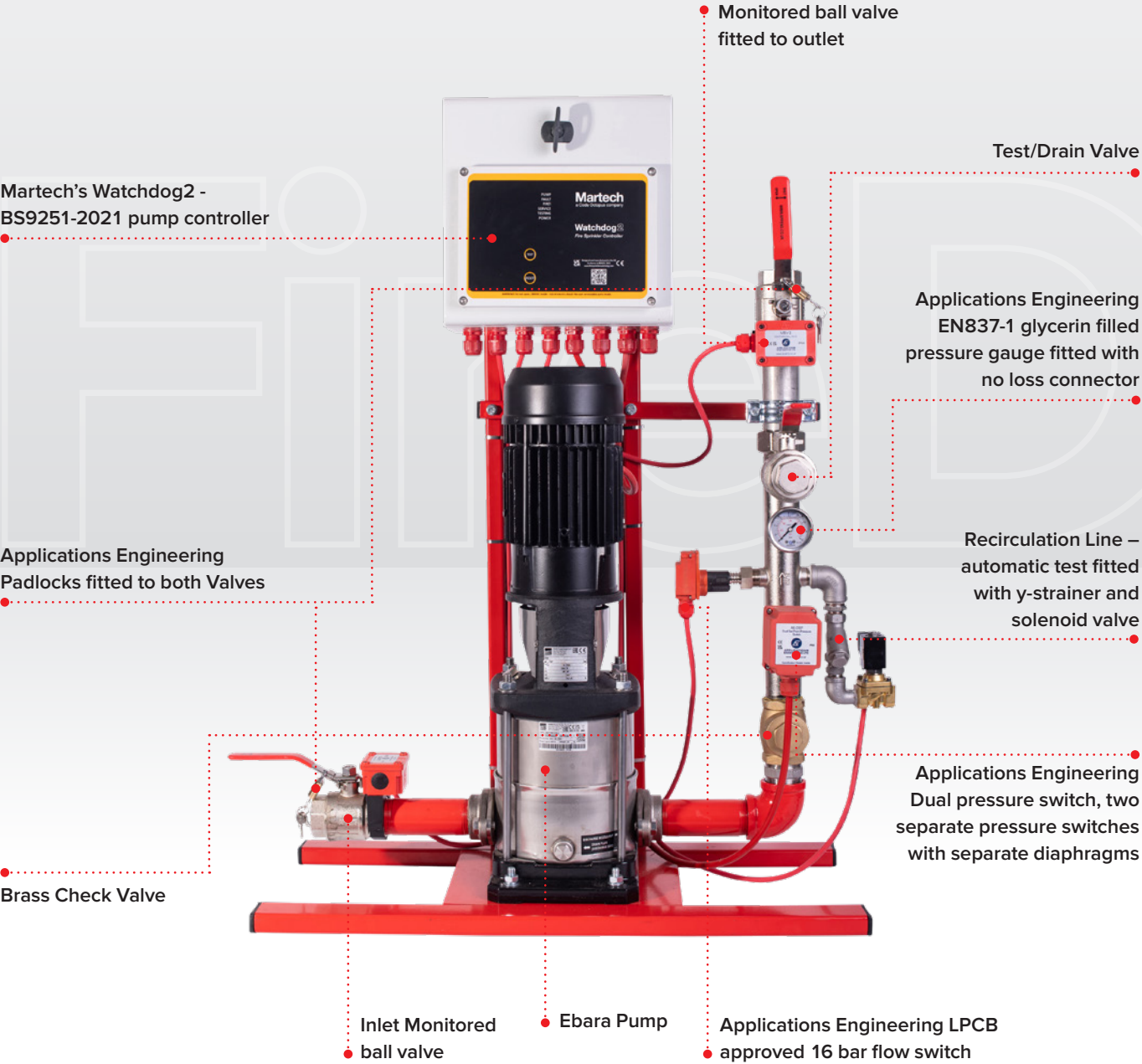
Category	2-4
Cable	FP200
Flow Range	20-130 l/min
Pressure Rating	PN16
Starting Type	DOL

## MATERIALS

Manifold	Nickel Plated Brass
Valves	Nickel Plated Brass
Fittings	Stainless Steel
Solenoid Valve	Brass
Flow switch	Brass (pressure retaining parts)
Pump Casing	Stainless Steel
Pump Impellers	Stainless Steel
Base Plate	Powder-coated mild steel



VERTICAL RANGE



PRODUCT OVERVIEW

- Fully compliant to BS9251-2021
- Applications Engineering pump sets come fully assembled with no extra parts required
- Plug and play unit, no excess wiring required
- Ball valve fitted to outlet & suction line, so no need to install extra ball valves like other manufacturers
- Compact Watchdog 2 controller
- Includes dual pressure switch & LPCB approved flow switch
- Fully tested & fitted to skid
- 12 Day lead time with 3 Day Express build available

SPECIFICATION

Category	2-4
Cable	FP200
Flow Range	80-750 l/min
Pressure Rating	PN16
Starting Type	Soft Starter

For Category 4 pump sets, we would advise a duty standby pump set to comply with BS9251:2021. Our Duty standby pump sets are supplied on another separate skid to allow ease of transportation.

MATERIALS

Manifold	Nickel Plated Brass
Valves	Nickel Plated Brass
Fittings	Stainless Steel
Red Pipe	Powder-coated Black Iron
Base Plate	Powder-coated mild steel
Solenoid Valve	Brass
Flow switch	Brass (pressure retaining parts)
Pump Casing	Stainless Steel
Pump Impellers	Stainless Steel



# FireDrench UPS

## UNINTERRUPTED POWER SUPPLY



### PRODUCT OVERVIEW

FireDrench UPS is our range of transformerless online uninterruptible power supply (UPS) systems, designed to cover our FireDrench range of fire sprinkler pump sets.

- Designed to maximise availability, efficiency and performance
- Footprint – ACT Less than 0.35 m<sup>2</sup> footprint, 380 mm x 850 mm x 1025 mm (W x D x H)
- Footprint – XTD Less than 0.4 m<sup>2</sup> footprint, 440 mm x 840 mm x 1320 mm (W x D x H)
- Available in 10-15-20-30-40-60-80-100-120 kVA versions
- Large 5-inch colour touchscreen display shows UPS status, load, and battery level
- 96.6% operating efficiency (ONLINE mode) reduces energy waste
- High overload and short circuit capacity guarantees availability
- Parallel up to 8 UPS for extra capacity or redundancy
- LED indicator automatically changes colour depending on the UPS's status
- Sprinkler-proof Enclosure designed specifically for FireDrench UPS also available





# FireDrench

FireDrench

FireDrench

FireDrench

**APPLICATIONS**  
ENGINEERING LTD

T: +44 (0)1825 764737 • INFO@APPENG.CO.UK • APPENG.CO.UK

