

FireDrench



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FIRE SPRINKLER PUMP SET

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APPLICATIONS
ENGINEERING LTD

FireDrench

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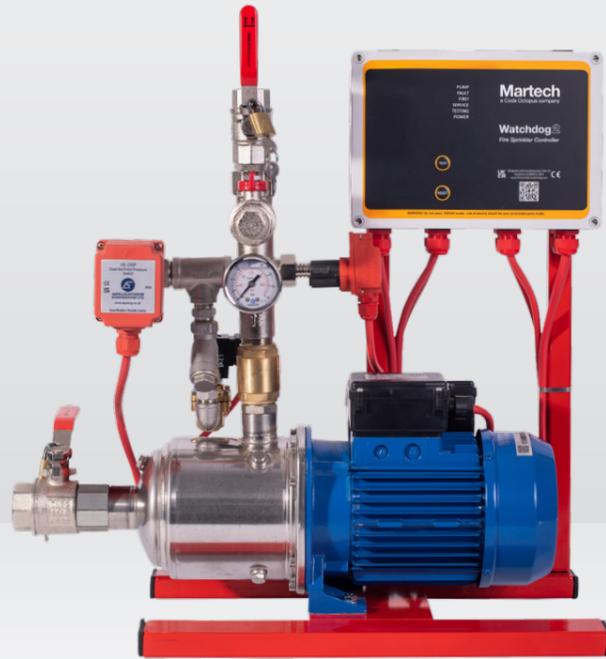
FireDrench

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



DN25

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



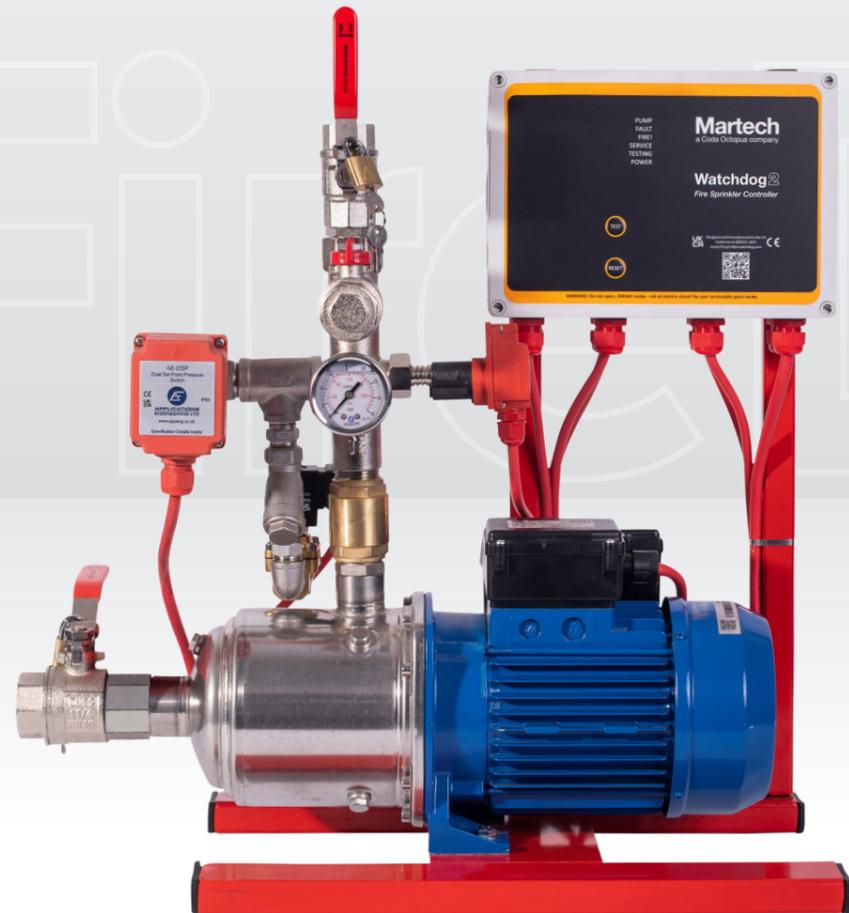
DN40

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

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

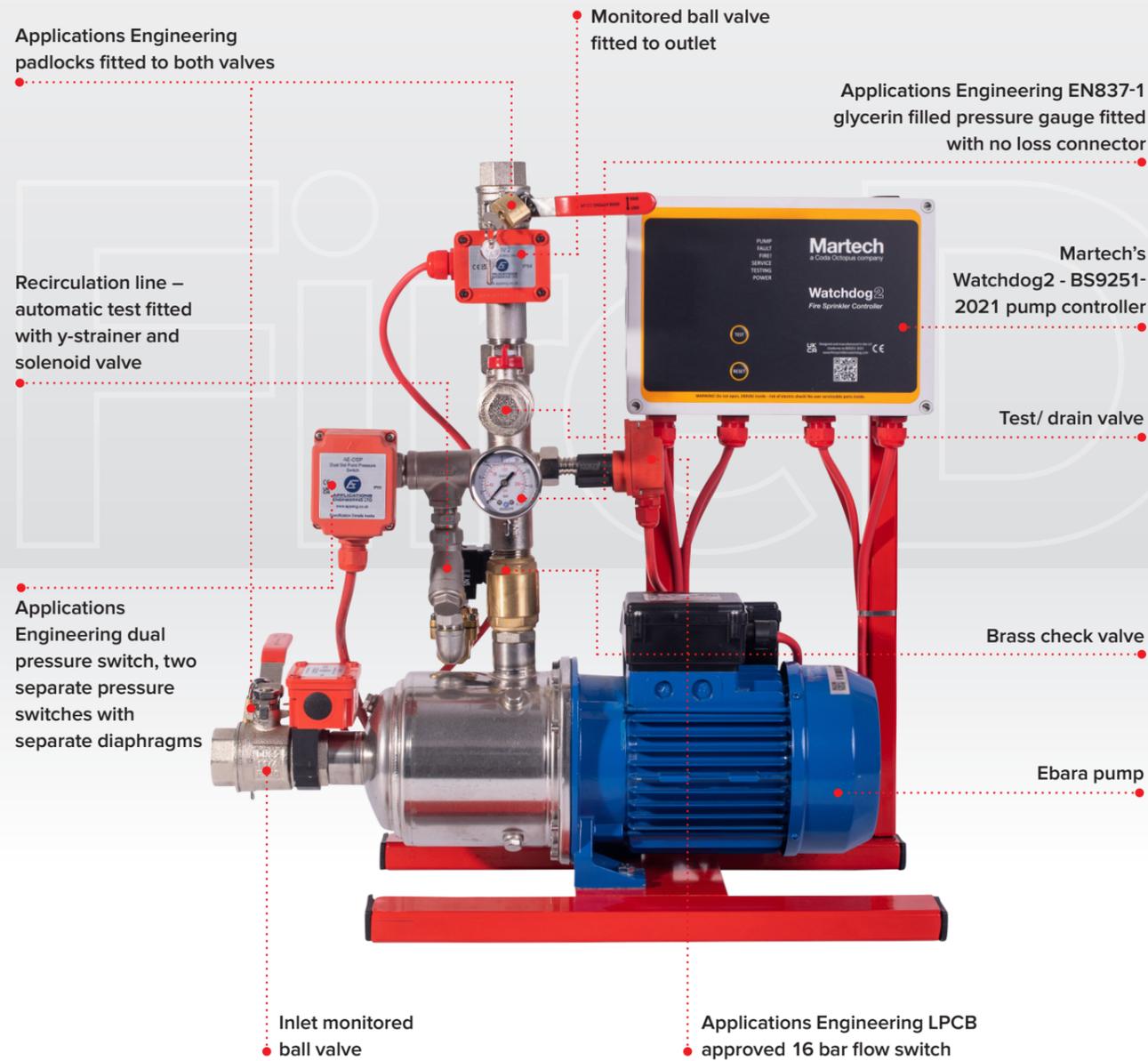
SPECIFICATION

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

DN25



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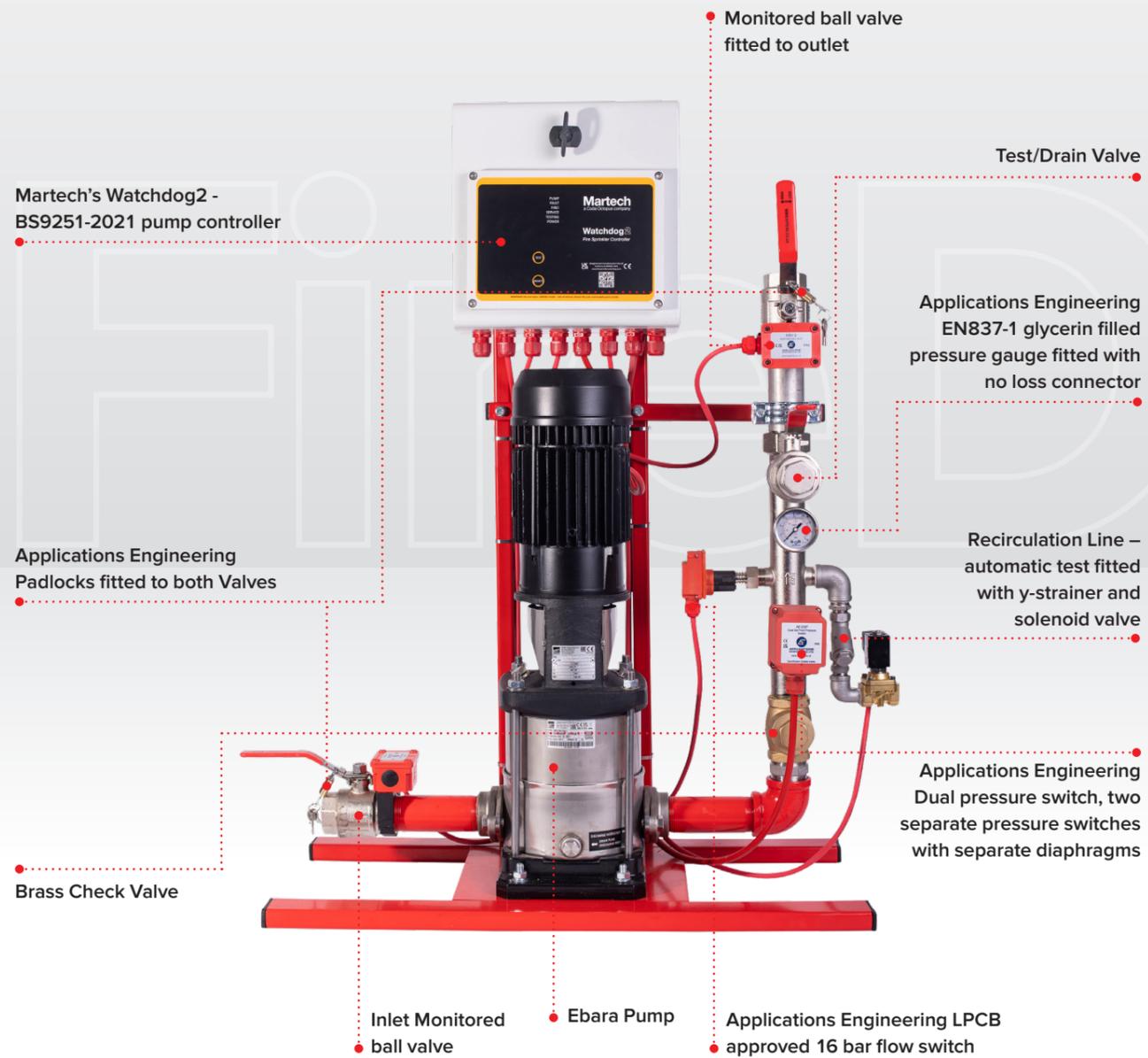
SPECIFICATION

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

DN40



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- 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
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- 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

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