

FireDrench



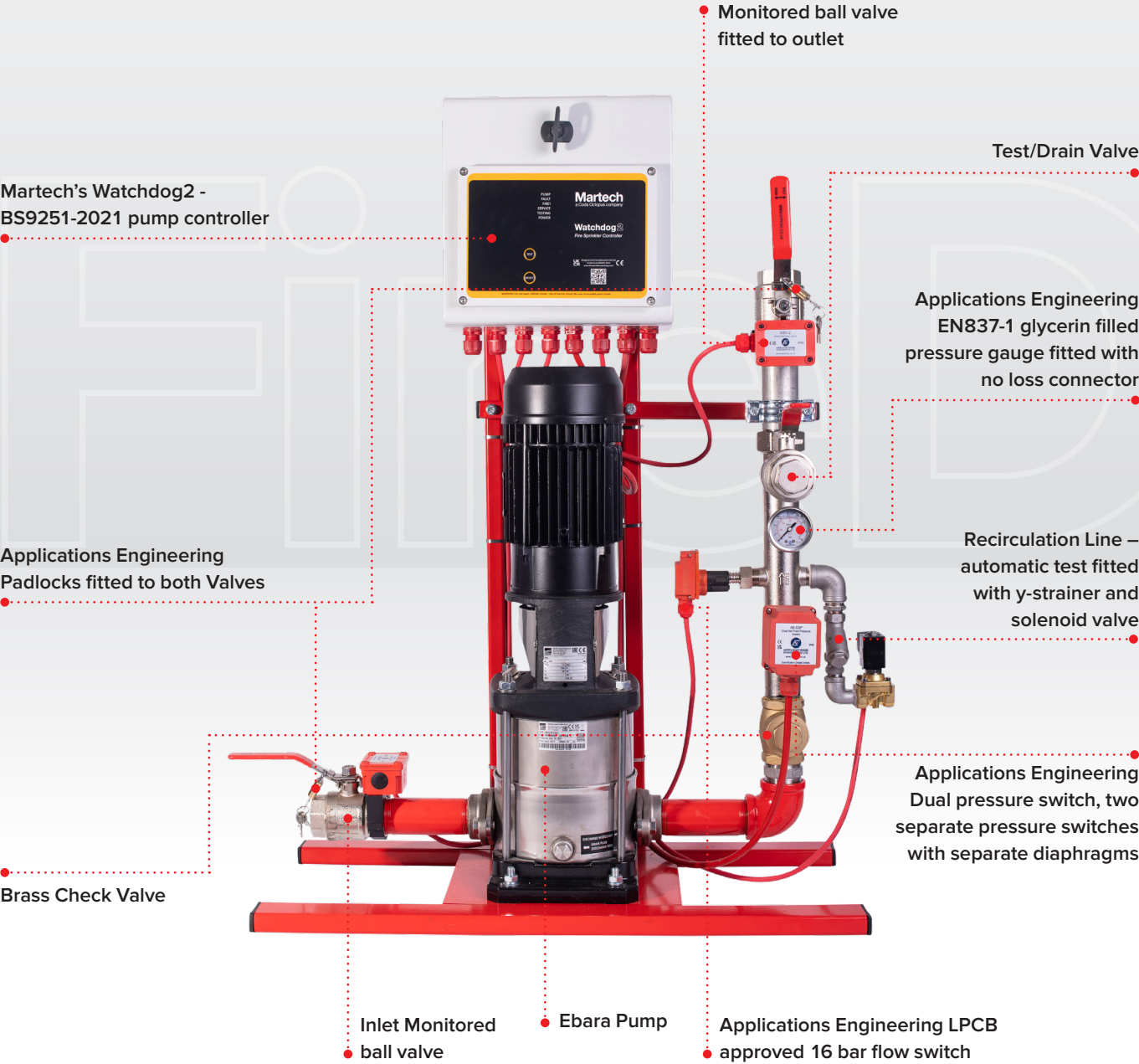
FireDrench

FIRE SPRINKLER PUMP SET

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APPLICATIONS
ENGINEERING LTD

DN50



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

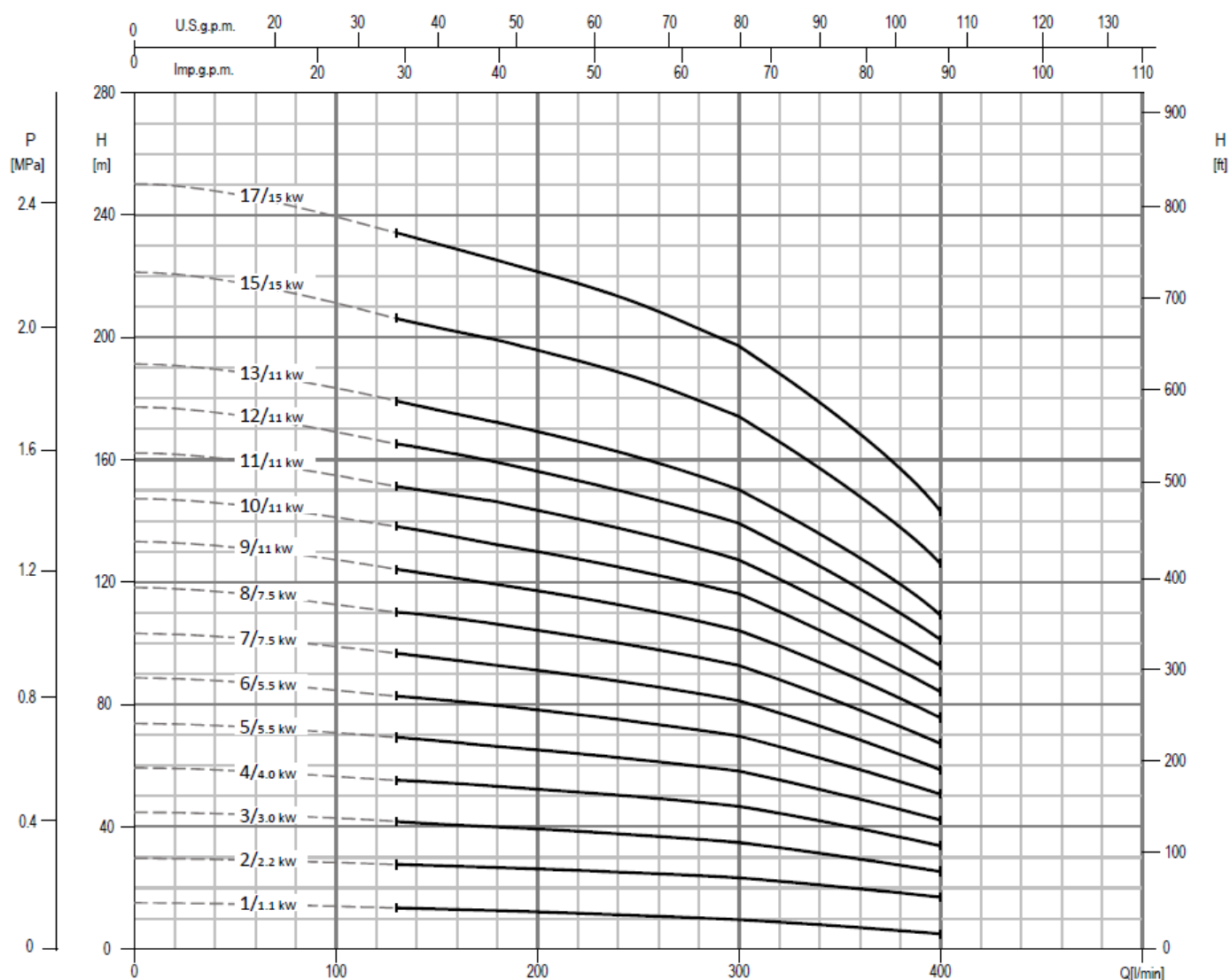
For Category 4 pump sets, we would advise a duty standby pump set to comply with BS9251:2021. Our Duty standby pump sets are supplied on another separate skid to allow ease of transportation.

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

DN50 FD15 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN50PSE15-1-M-SP	1.1	Single Phase	DOL	2" BSP	2" BSP	6.4	8.9
AE-FDDN50PSE15-1-M	1.1	Three Phase	Soft Start	2" BSP	2" BSP	2.5	16.6
AE-FDDN50PSE15-2-M-SP	2.2	Single Phase	DOL	2" BSP	2" BSP	12.3	73.0
AE-FDDN50PSE15-2-M	2.2	Three Phase	Soft Start	2" BSP	2" BSP	4.7	36.6
AE-FDDN50PSE15-3-M	3.0	Three Phase	Soft Start	2" BSP	2" BSP	6.4	51.8
AE-FDDN50PSE15-4-M	4.0	Three Phase	Soft Start	2" BSP	2" BSP	8.7	76.1
AE-FDDN50PSE15-5-M	5.5	Three Phase	Soft Start	2" BSP	2" BSP	10.4	115.3
AE-FDDN50PSE15-6-M	5.5	Three Phase	Soft Start	2" BSP	2" BSP	10.4	115.3
AE-FDDN50PSE15-7-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE15-8-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE15-9-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE15-10-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE15-11-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184



DN50 FD20 Series Pump Curves

Part Number	Motor K.W.	Voltage	Starting Type	Suction Size	Discharge Size	FLC (A)	LRC (A)
AE-FDDN50PSE20-1-M-SP	1.5	Single Phase	DOL	2" BSP	2" BSP	8.7	54.0
AE-FDDN50PSE20-1-M	1.5	Three Phase	Soft Start	2" BSP	2" BSP	3.3	25.5
AE-FDDN50PSE20-2-M	3.0	Three Phase	Soft Start	2" BSP	2" BSP	6.4	51.8
AE-FDDN50PSE20-3-M	4.0	Three Phase	Soft Start	2" BSP	2" BSP	8.7	76.1
AE-FDDN50PSE20-4-M	5.5	Three Phase	Soft Start	2" BSP	2" BSP	10.4	115.3
AE-FDDN50PSE20-5-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE20-6-M	7.5	Three Phase	Soft Start	2" BSP	2" BSP	13.6	144
AE-FDDN50PSE20-7-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE20-8-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE20-9-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184
AE-FDDN50PSE20-10-M	11	Three Phase	Soft Start	2" BSP	2" BSP	21.3	184

