



**MADE IN
BRITAIN**[®]

ResiSHIELD DK Fire Sprinkler Pump Set

BS 9251:2021 compliant



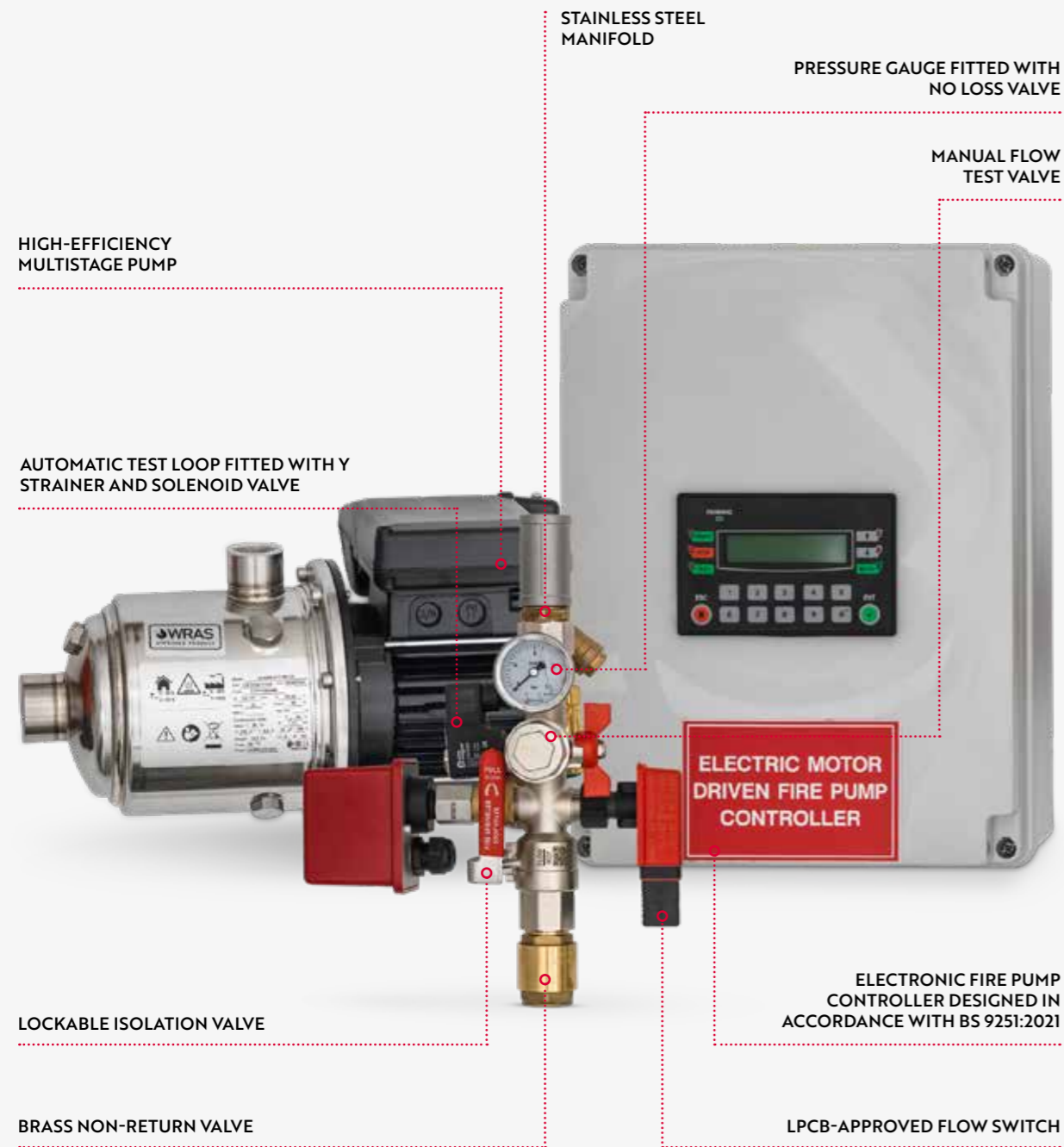


Designed for the single dwelling domestic market.

PRODUCT OVERVIEW

- Domestic (Cat 1) application
- Full kit of components
- Common models are available from stock
- BS 9251:2021 compliant

Key Features



Specification

Compact and flexible fire sprinkler pump kits for domestic applications.

PRODUCT OVERVIEW

- Full kit of components, giving the installer flexibility to locate the pump, panel and manifold in different places
- BS 9251:2021 compliant for Cat 1 sprinkler systems
- High-quality cast stainless steel manifold assembly
- Supplied within a single compartmentalised cardboard box for easy storage and handling
- Volt-free contacts included for fire alarm and range of faults
- Intuitive LCD controller with full number keypad makes set up and commissioning quick and user friendly
- Can be connected directly to the mains water supply (subject to local water authority approval)
- Common models are available from stock

RANGE PERFORMANCE

| | |
|---------------------|----------------|
| Flow range | 30 - 130 l/min |
| Pressure range | 1 - 5 bar |
| Max system pressure | 10 bar |
| Starting type | DOL |

MATERIAL SPECIFICATION

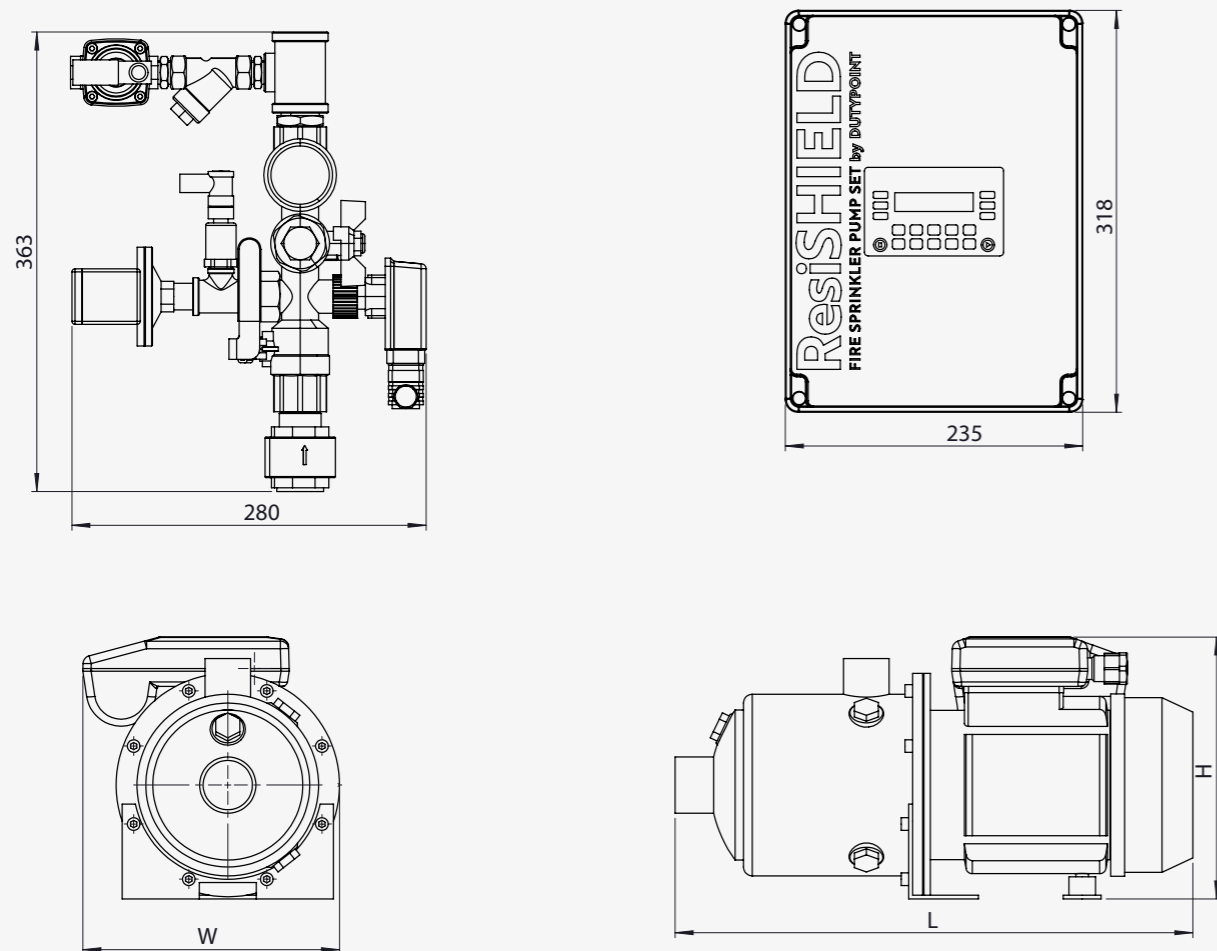
| | |
|------------------|--------------------------|
| Manifold | Duplex stainless steel |
| Non-return valve | Brass |
| Pump casing | AISI 304 stainless steel |
| Pump impellers | AISI 304 stainless steel |

DK03/05

DRAWINGS AND DIMENSIONS

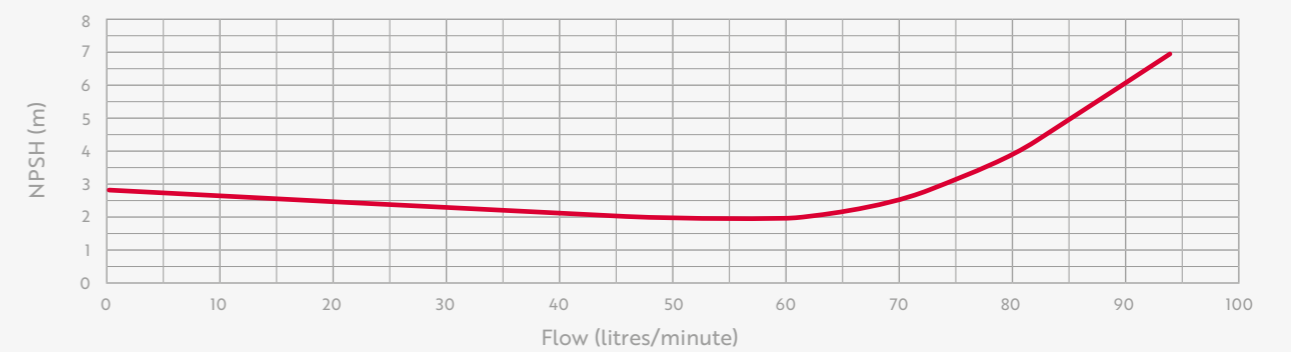
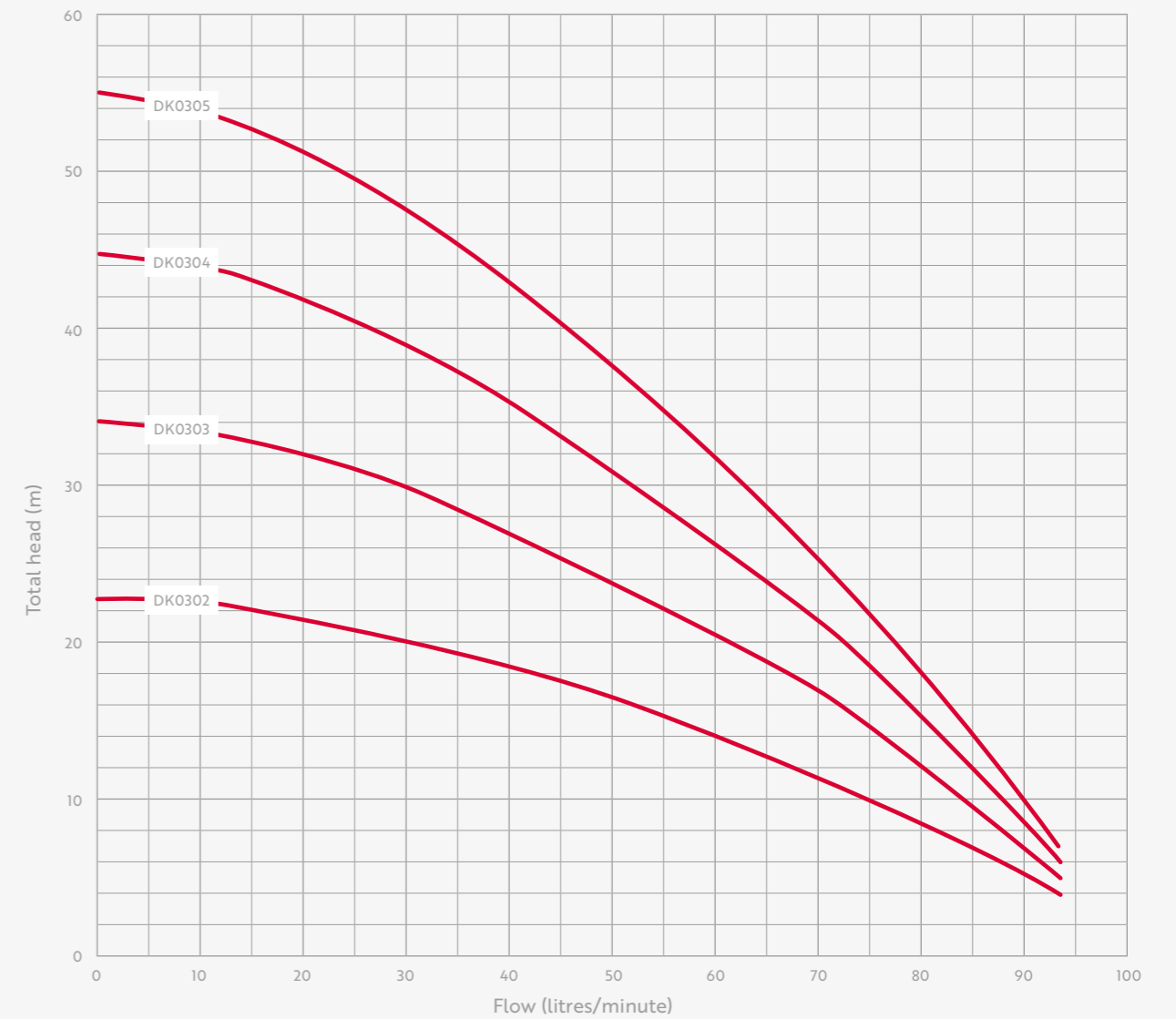
| Model no. | Motor nominal power (kW) | Supply voltage | FLC (A) | Suction size | Discharge size | Pump dimensions (mm) | | | Total weight (kg) |
|-----------|--------------------------|----------------|---------|--------------|----------------|----------------------|-----|-----|-------------------|
| | | | | | | L | H | W | |
| DK0302E-M | 0.33 | 230/1/50 | 2.5 | 1 1/4" BSP | 1" BSP | 361 | 207 | 204 | 23 |
| DK0303E-M | 0.45 | 230/1/50 | 3 | 1 1/4" BSP | 1" BSP | 361 | 207 | 204 | 23 |
| DK0304E-M | 0.55 | 230/1/50 | 3.7 | 1 1/4" BSP | 1" BSP | 385 | 207 | 204 | 23 |
| DK0305E-M | 0.75 | 230/1/50 | 4.3 | 1 1/4" BSP | 1" BSP | 409 | 207 | 204 | 24 |
| DK0502E-M | 0.45 | 230/1/50 | 3 | 1 1/4" BSP | 1" BSP | 361 | 207 | 204 | 23 |
| DK0503E-M | 0.55 | 230/1/50 | 3.9 | 1 1/4" BSP | 1" BSP | 361 | 207 | 204 | 23 |
| DK0504E-M | 0.9 | 230/1/50 | 5.3 | 1 1/4" BSP | 1" BSP | 385 | 207 | 204 | 25 |
| DK0505E-M | 1.1 | 230/1/50 | 6.2 | 1 1/4" BSP | 1" BSP | 409 | 207 | 204 | 25 |

All DK models use Direct On Line type starting.



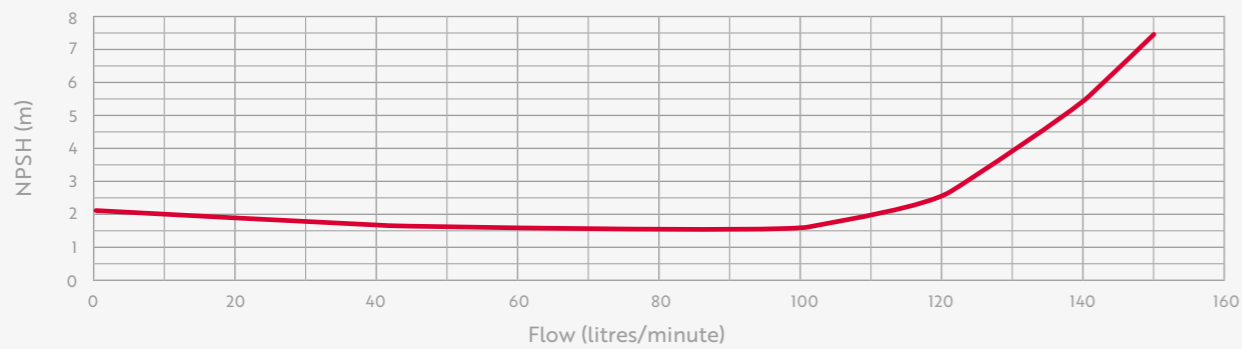
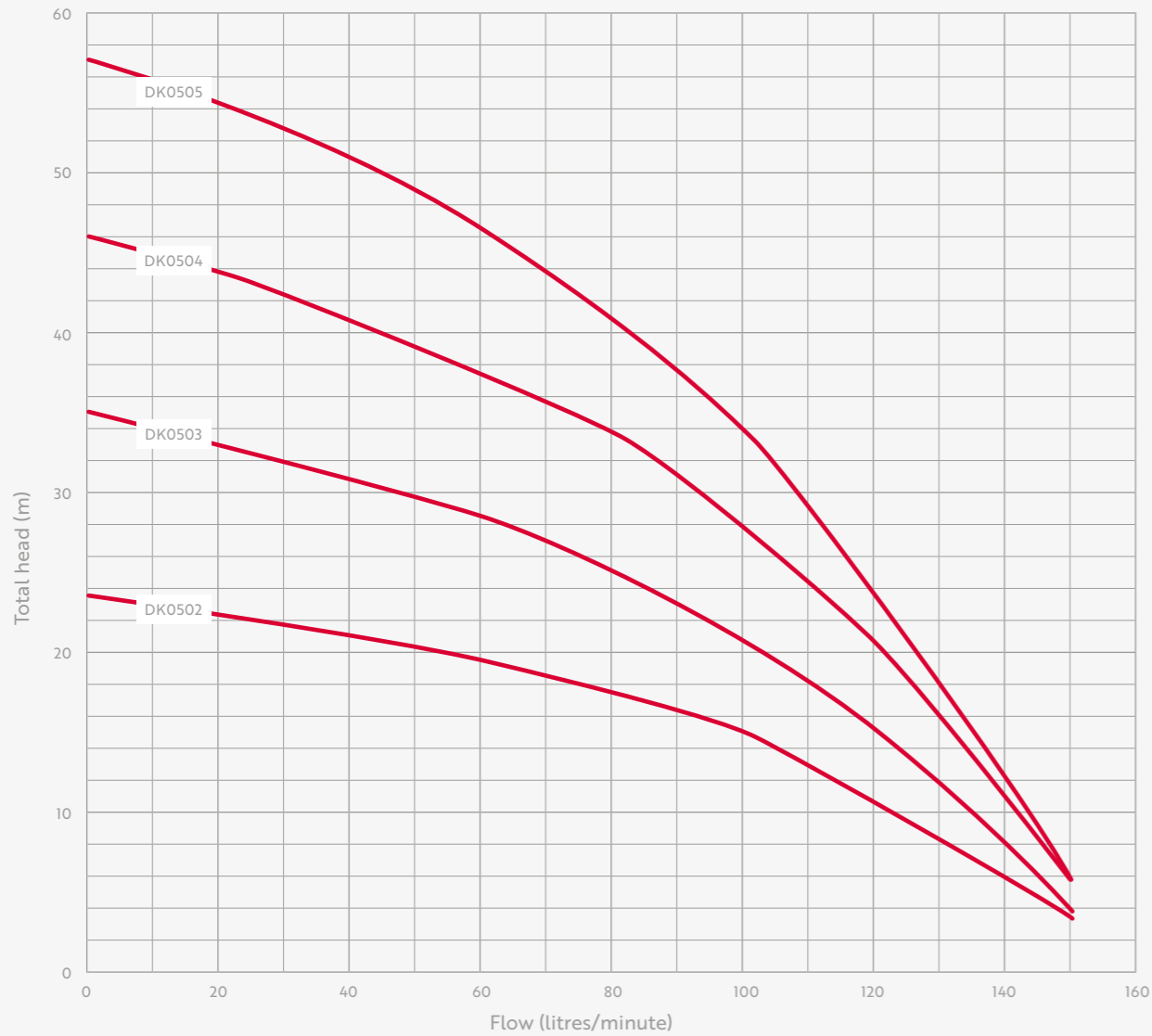
DK03 Series

SINGLE PUMP CURVES







DK05 Series

SINGLE PUMP CURVES



Which ResiSHIELD?

| | Supplied as a kit for flexibility and accommodation of tight spaces | Supplied fully pre-assembled, wired and tested pump set within a compact mild steel enclosure | Fully pre-assembled, wired and tested pump set, mounted on a mild steel skid plate | |
|---|---|--|--|--|
| | DK | DH | RZ | RV |
| |  |  |  |  |
| Application | Domestic (Cat 1) | Domestic (Cat 1) | Residential (Cat 2-4) | Residential (Cat 2-4) |
| Duty flow range | 30 – 130 l/min | 30-200 l/min | 30-400 l/min | 150-750 l/min |
| Pressure | 1 – 5 bar | 1 – 5 bar | 1 – 9.5 bar | 1 – 18 bar |
| Availability* | Ex stock | Ex stock | 2-3 working weeks | 4-5 working weeks |
| Integrated automatic weekly test | Yes | Yes | Yes | Yes |
| Compliance | BS 9251:2021 | BS 9251:2021 | BS 9251:2021 | BS 9251:2021 |
| Options | Connection direct to mains water supply (subject to local water authority approval) | Floor or wall-mounted Connection direct to mains water supply (subject to local water authority approval) | Soft start or VFD for 7.5 kW+ Single packaged skid for Cat 4 duty/standby systems | Handed version available at no extra cost or lead time Soft start or VFD for 7.5 kW+ Single packaged skid for Cat 4 duty/standby systems |

*Lead times stated are indicative and may vary between specific models.



Let's talk about ResiSHIELD DK

01452 300110

ENQUIRIES@DUTYPOINT.COM

DUTYPOINT.COM