







DUTYPOINT.COM

RESISHIELD RZ FIRE SPRINKLER PUMP SET

BS 9251:2021 COMPLIANT

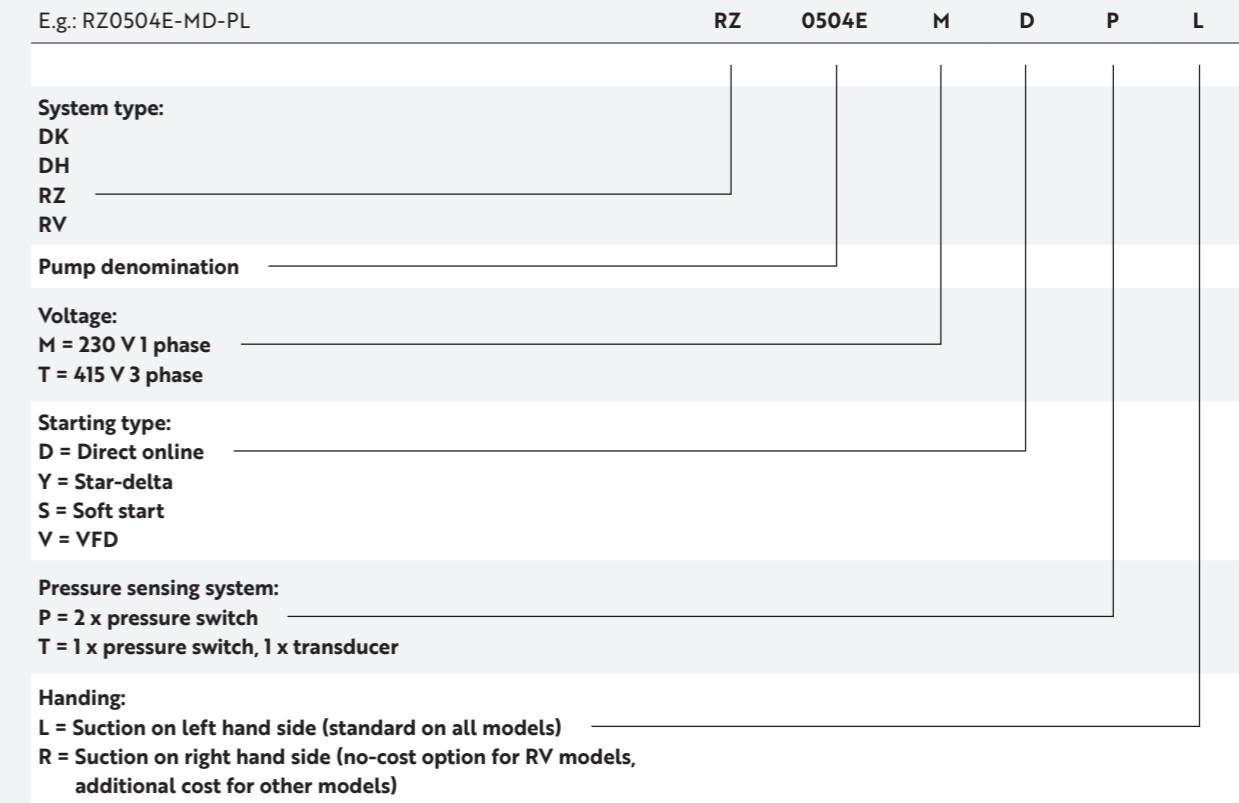


Which ResiSHIELD?

	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.

Model Number Convention



ResiSHIELD RZ

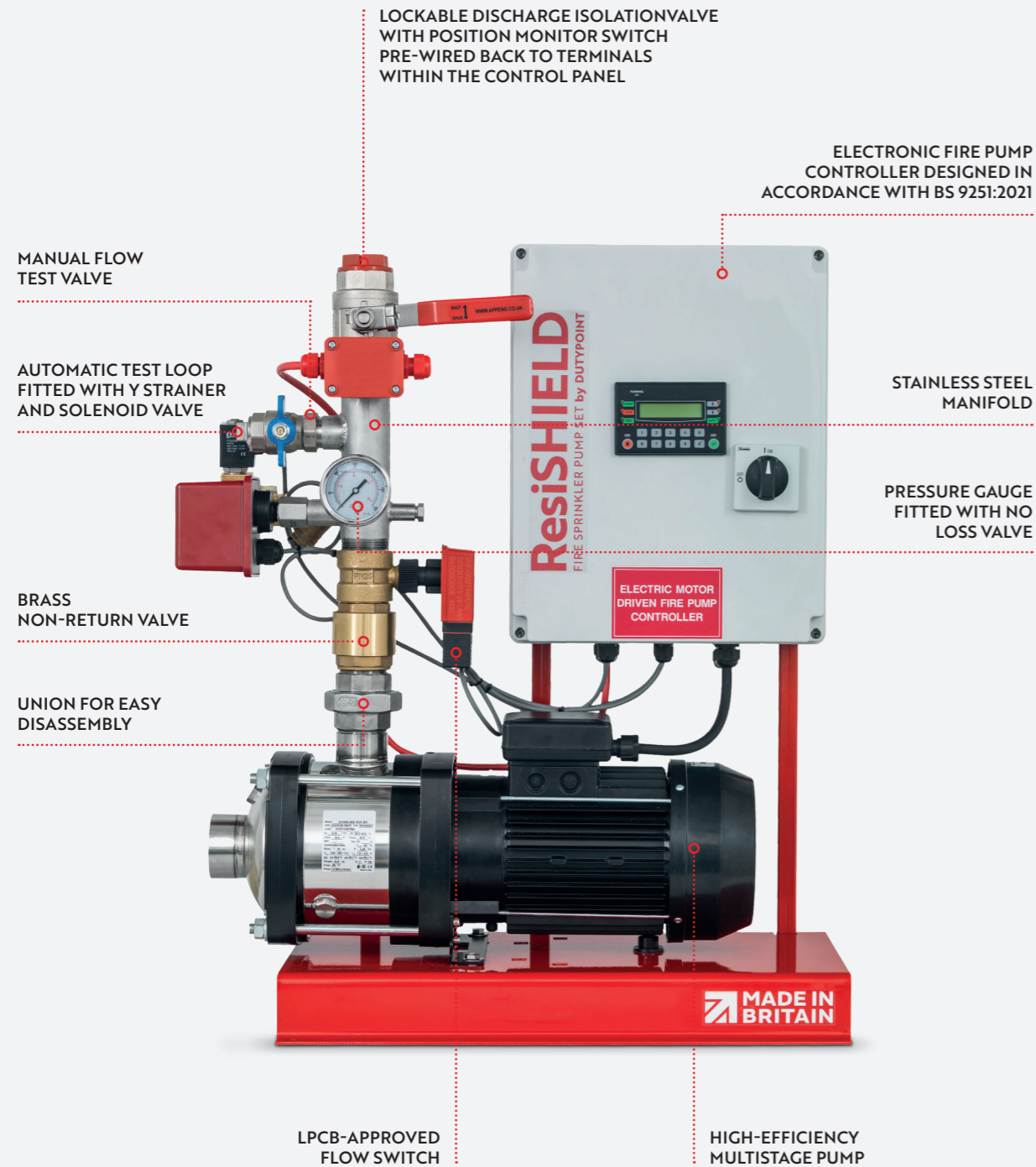
**A pre-assembled set,
designed for the residential
property market.**

PRODUCT OVERVIEW

- Residential (Cat 2-4) application
- Fully pre-assembled pump system fitted to a robust skid plate
- Standard range available within 2-3 weeks lead time
- BS 9251:2021 compliant



Key Features



Specification

Packaged fire pump sets to cover a wide range of residential (Cat 2 – 4) sprinkler systems.

PRODUCT OVERVIEW

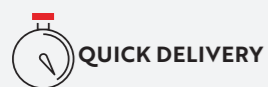
- Fully pre-assembled pump system fitted to a robust skid plate
- Compact design available in wide range of duties
- Fully compliant with BS 9251:2021
- High-quality fabricated stainless steel manifold
- Volt-free contacts included for fire alarm and range of faults
- Intuitive LCD controller with full number keypad makes set up and commissioning quick and user friendly
- Standard range available within 2-3 weeks lead time
- Q-LIM intelligent flow control available

RANGE PERFORMANCE

Flow range	30 - 400 l/min
Pressure range	1 - 9.5 bar
Max system pressure	10 bar
Starting type	DOL or soft start

MATERIAL SPECIFICATION

Manifold	AISI 304 stainless steel
Union	Brass
Non-return valve	Brass
Pump casing	AISI 304 stainless steel
Pump impellers	AISI 304 stainless steel
Base plate/enclosure	Powder-coated mild steel



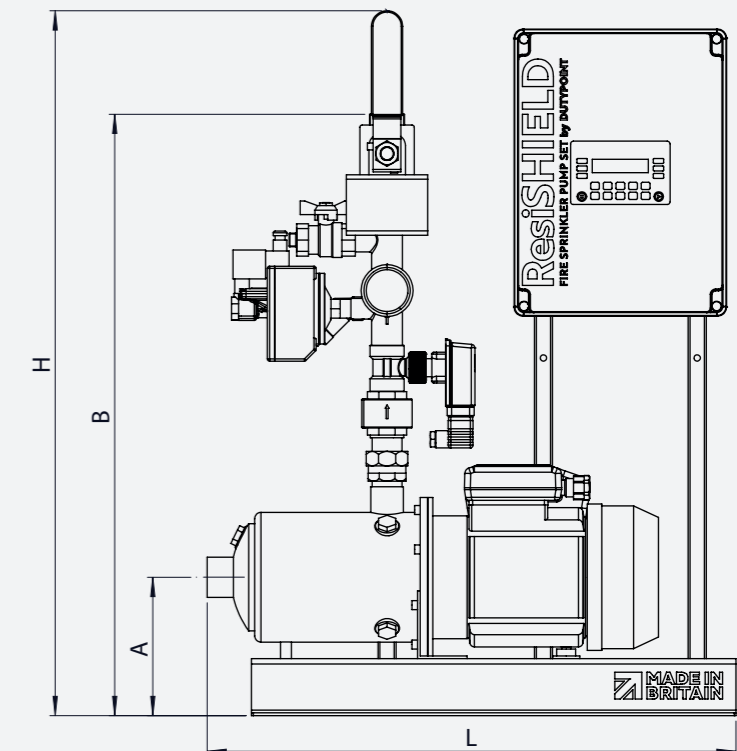
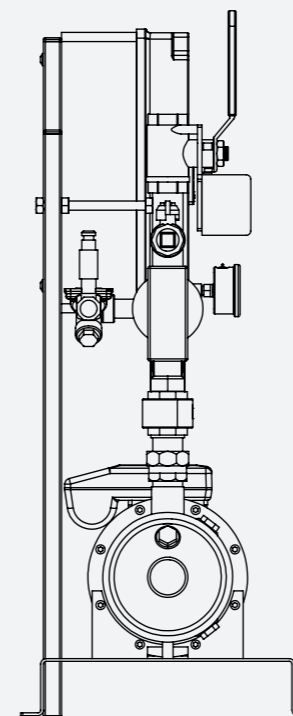
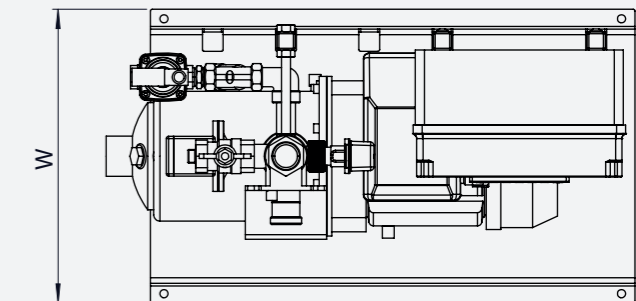
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DRAWINGS AND DIMENSIONS

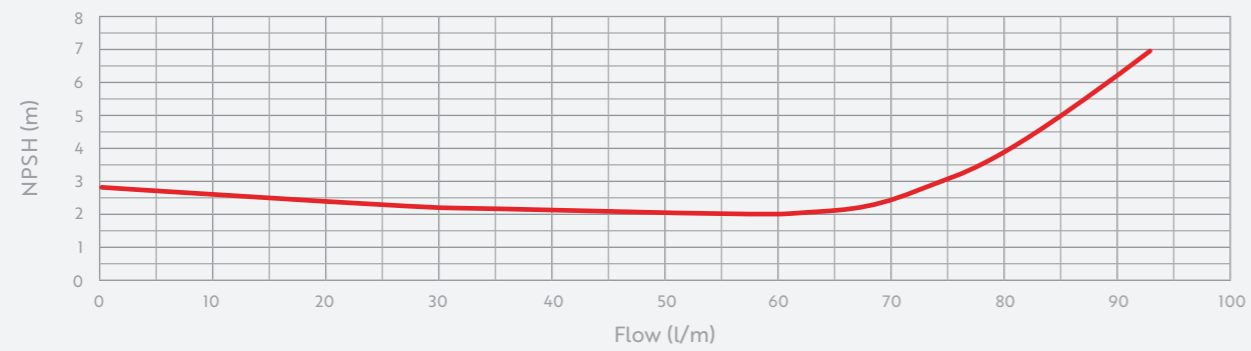
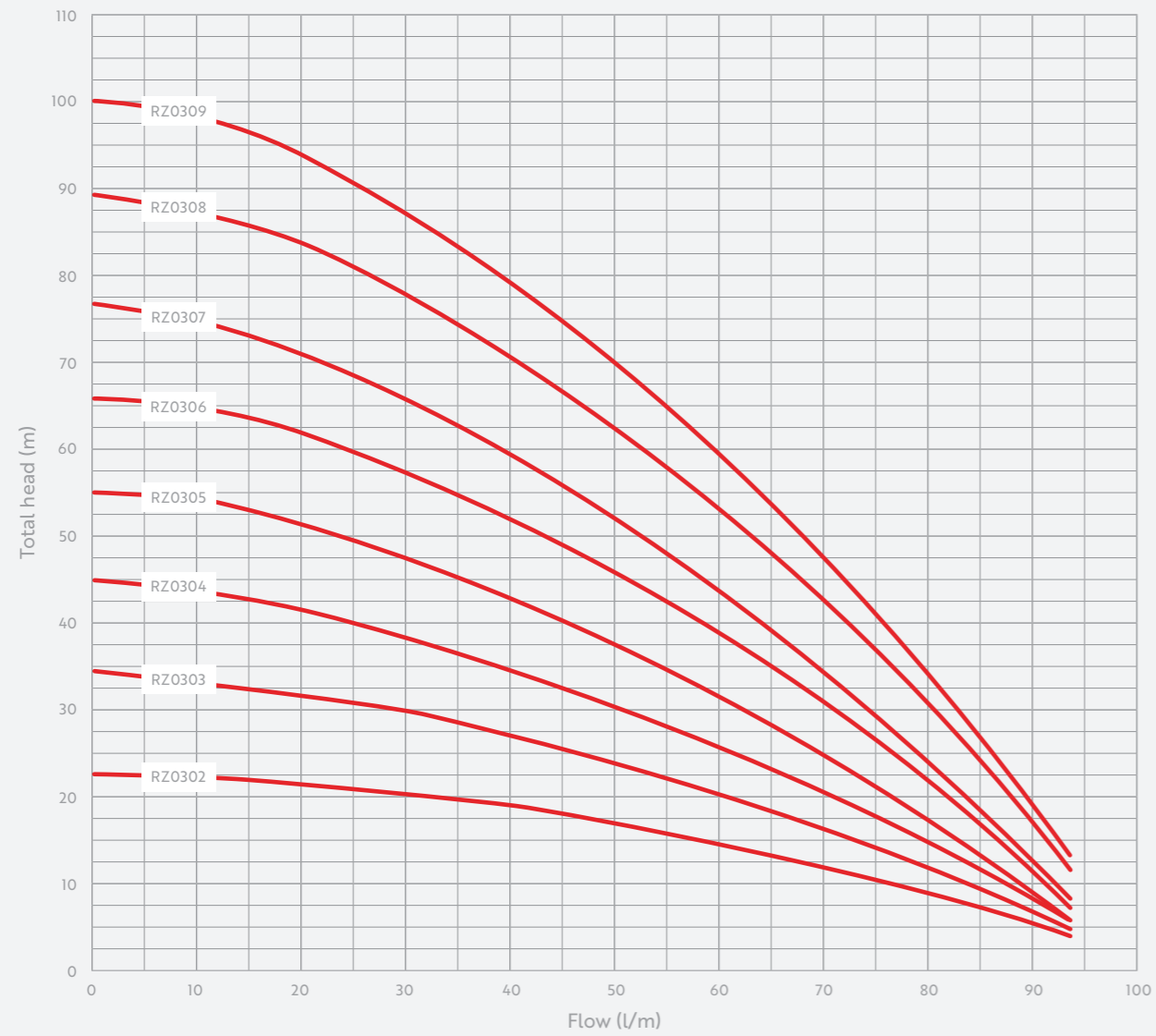
Model no.	Motor nominal power (kW)	Supply voltage	FLC (A)	Suction size	Discharge size	Dimensions (mm)					Estimated weight (kg)
						L	W	H	A	B	
RZ0302E-M	0.33	230/1/50	2.5	1 1/4" BSP	1" BSP	558	325	780	153	665	38
RZ0303E-M	0.45	230/1/50	3	1 1/4" BSP	1" BSP	558	325	780	153	665	38
RZ0304E-M	0.55	230/1/50	3.7	1 1/4" BSP	1" BSP	558	325	780	153	665	38
RZ0305E-M	0.75	230/1/50	4.3	1 1/4" BSP	1" BSP	558	325	780	153	665	39
RZ0306E-M	0.9	230/1/50	5.4	1 1/4" BSP	1" BSP	561	325	780	153	665	41
RZ0307E-M	1.1	230/1/50	6	1 1/4" BSP	1" BSP	585	325	780	153	665	41
RZ0308E-M	1.3	230/1/50	6.9	1 1/4" BSP	1" BSP	721	325	780	153	665	47
RZ0309E-M	1.5	230/1/50	7.5	1 1/4" BSP	1" BSP	721	325	780	153	665	48
RZ0502E-M	0.45	230/1/50	3	1 1/4" BSP	1" BSP	558	325	780	153	665	38
RZ0503E-M	0.55	230/1/50	3.9	1 1/4" BSP	1" BSP	558	325	780	153	665	38
RZ0504E-M	0.9	230/1/50	5.3	1 1/4" BSP	1" BSP	558	325	780	153	665	40
RZ0505E-M	1.1	230/1/50	6.2	1 1/4" BSP	1" BSP	558	325	780	153	665	40
RZ0506E-M	1.3	230/1/50	7.3	1 1/4" BSP	1" BSP	561	325	780	153	665	44
RZ0507E-M	1.5	230/1/50	8.2	1 1/4" BSP	1" BSP	721	325	780	153	665	47
RZ0508-T	2.2	400/3/50	3.9	1 1/4" BSP	1" BSP	721	325	780	153	665	50
RZ0509E-T	2.2	400/3/50	4.3	1 1/4" BSP	1" BSP	721	325	780	153	665	53
RZ1002E-M	0.75	230/1/50	4.3	1 1/2" BSP	1 1/4" BSP	558	325	780	153	665	40
RZ1003E-M	1.1	230/1/50	6.3	1 1/2" BSP	1 1/4" BSP	558	325	789	153	678	42
RZ1004E-M	1.5	230/1/50	8.2	1 1/2" BSP	1 1/4" BSP	558	325	789	153	678	45
RZ1005E-T	2.2	400/3/50	4.1	1 1/2" BSP	1 1/4" BSP	564	325	789	153	678	51
RZ1006E-T	2.2	400/3/50	4.7	1 1/2" BSP	1 1/4" BSP	594	325	789	153	678	52
RZ1007E-T	3	400/3/50	5.5	1 1/2" BSP	1 1/4" BSP	721	325	789	153	678	67
RZ1008E-T	3	400/3/50	6	1 1/2" BSP	1 1/4" BSP	724	325	789	153	678	68
RZ1502E-M	1.5	230/1/50	7.7	2" BSP	1 1/2" BSP	558	325	820	163	704	51
RZ1502E-T	1.5	400/3/50	3	2" BSP	1 1/2" BSP	639	325	820	163	704	51
RZ1503E-T	2.2	400/3/50	4.5	2" BSP	1 1/2" BSP	639	325	820	163	704	55
RZ1504E-T	3	400/3/50	5.7	2" BSP	1 1/2" BSP	659	325	820	163	704	72
RZ1505E-T	4	400/3/50	7	2" BSP	1 1/2" BSP	721	325	820	163	704	80
RZ1506E-T	5.5	400/3/50	9.3	2" BSP	1 1/2" BSP	744	325	833	175	717	90
RZ1507E-T	5.5	400/3/50	10.3	2" BSP	1 1/2" BSP	792	325	833	175	717	91
RZ2002E-T	2.2	400/3/50	4.3	2" BSP	1 1/2" BSP	639	325	820	163	704	55
RZ2003E-T	3	400/3/50	5.9	2" BSP	1 1/2" BSP	639	325	820	163	704	71
RZ2004E-T	4	400/3/50	7.7	2" BSP	1 1/2" BSP	721	325	820	163	704	79
RZ2005E-T	5.5	400/3/50	10.3	2" BSP	1 1/2" BSP	721	325	833	175	717	88

All RZ models use Direct On Line type starting as standard. Soft start type starters can be offered on a special build basis for 3 to 5.5 kW 3-phase models.



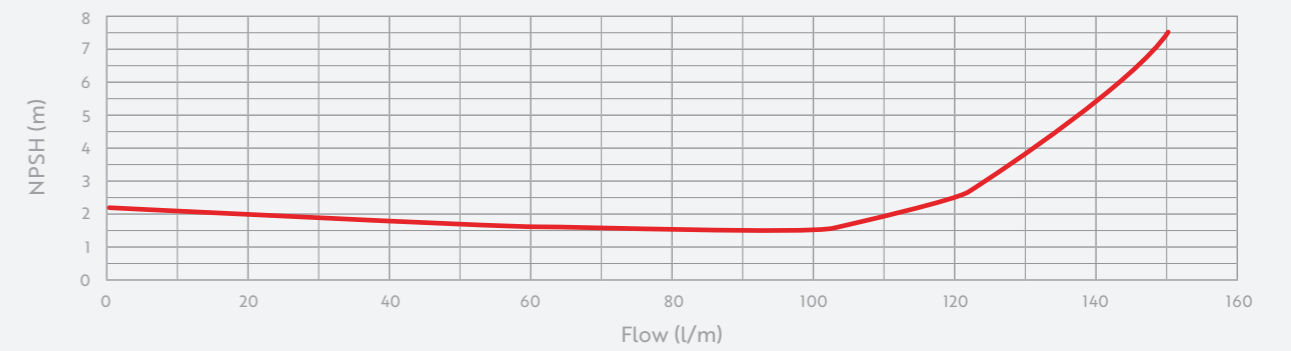
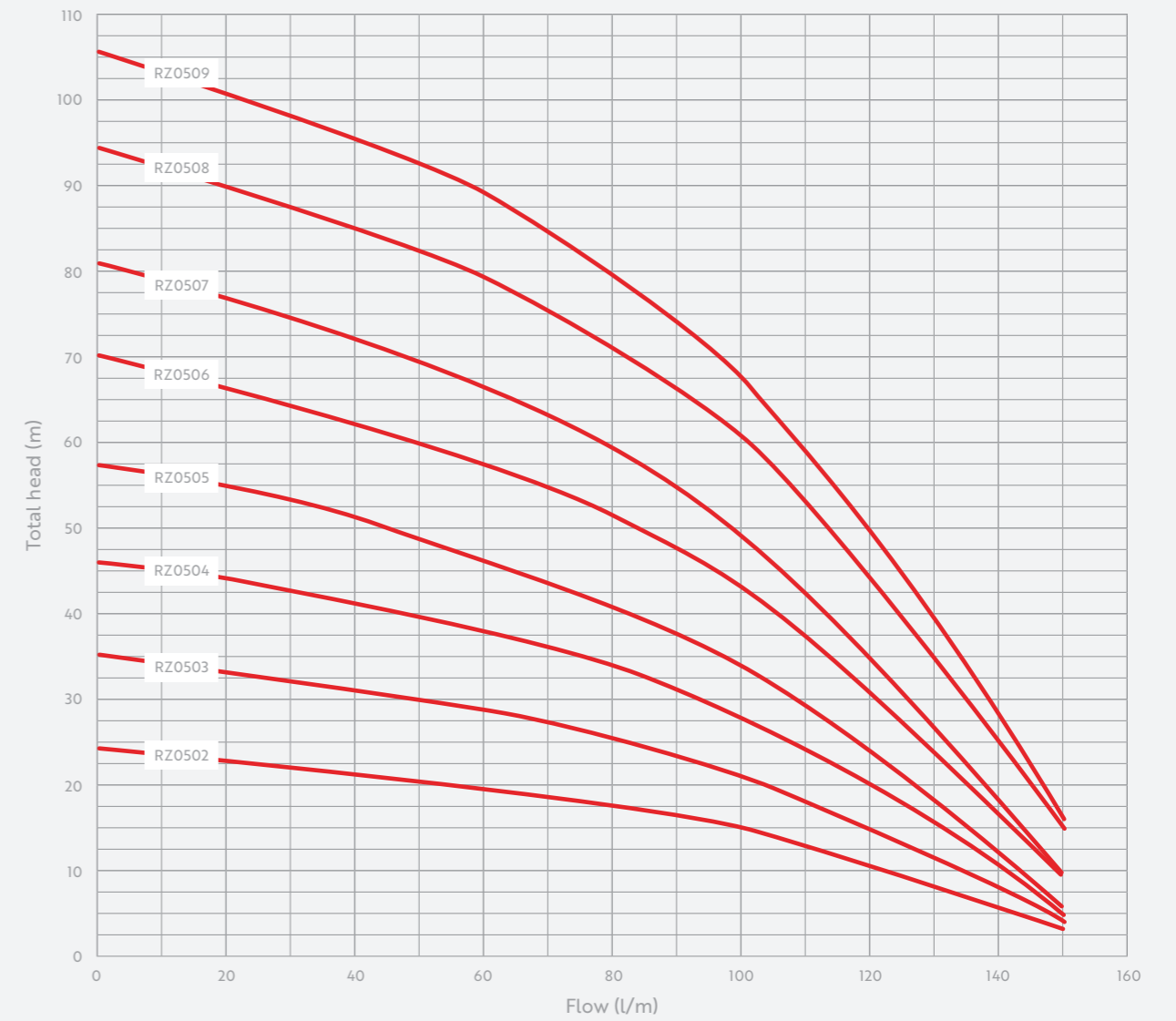
RZ03 Series

SINGLE PUMP CURVES



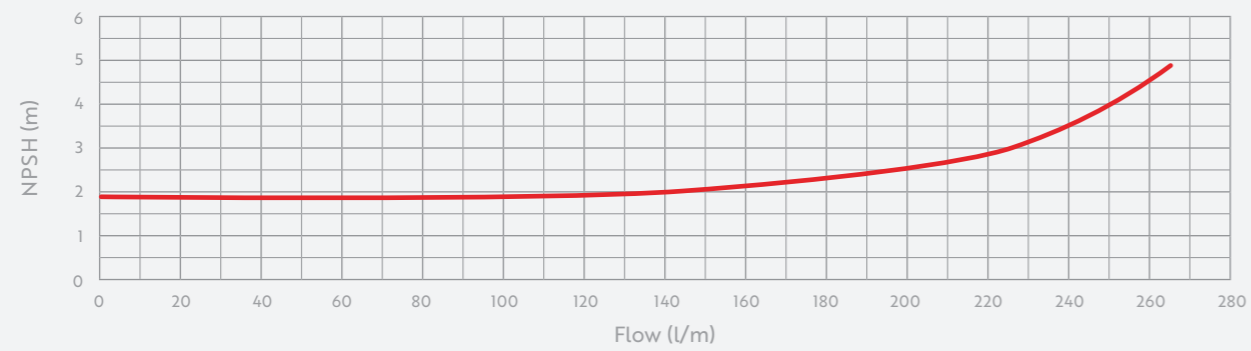
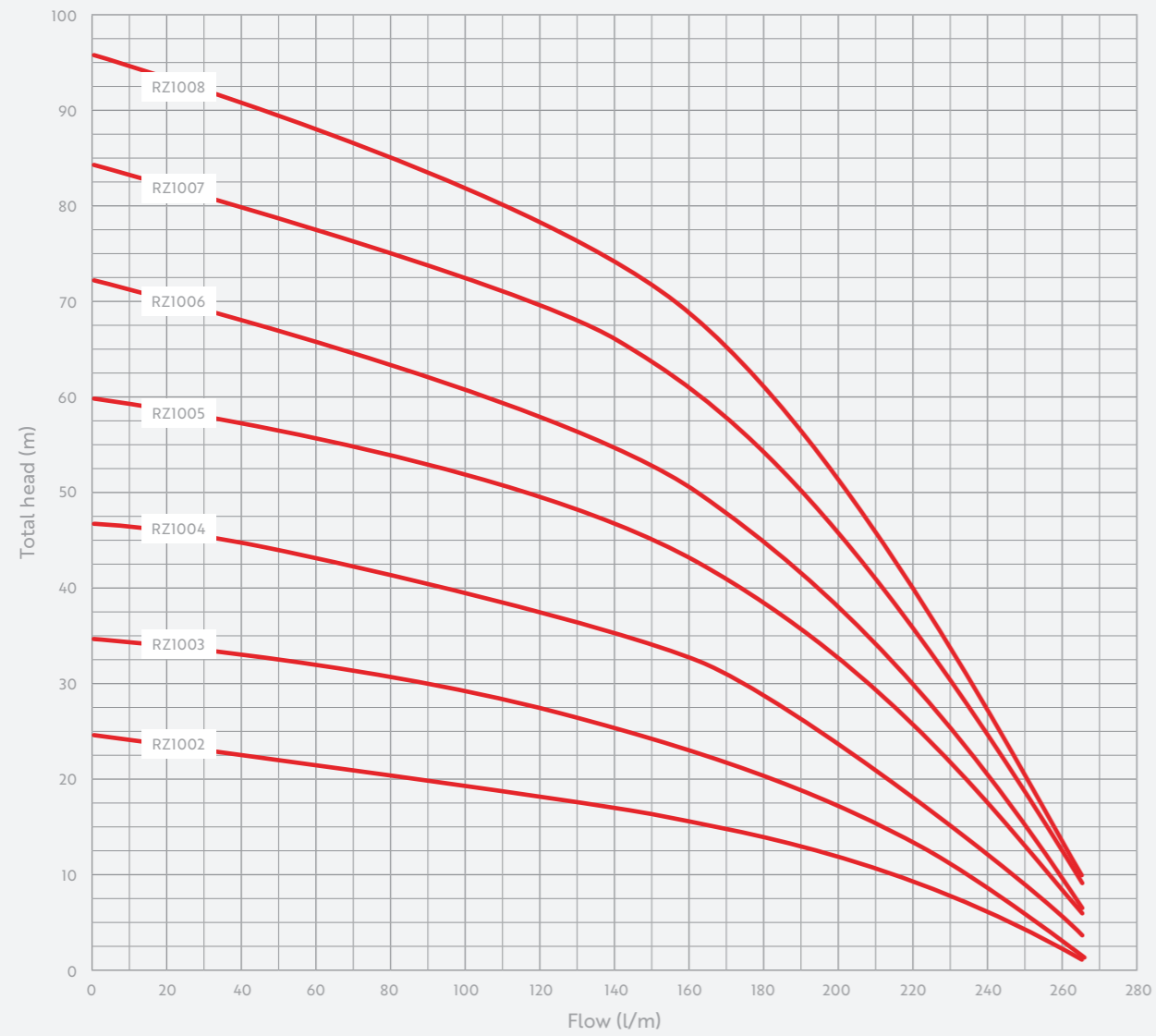
RZ05 Series

SINGLE PUMP CURVES



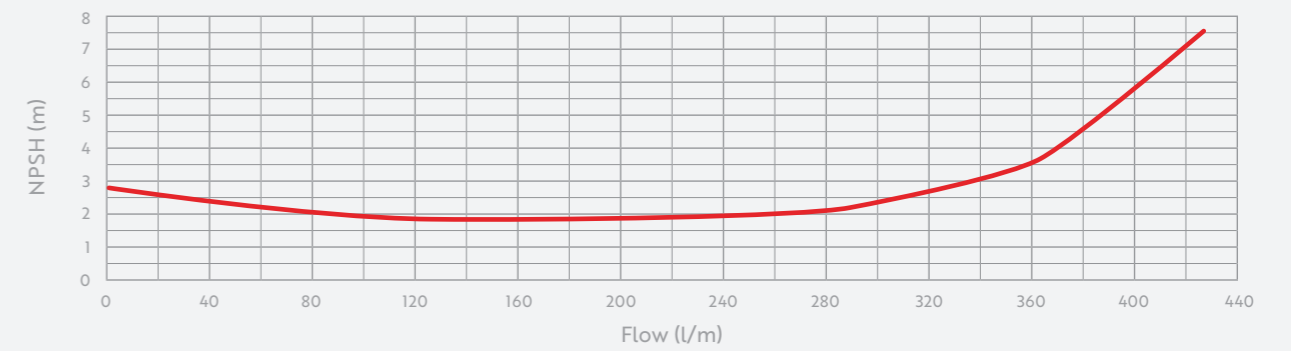
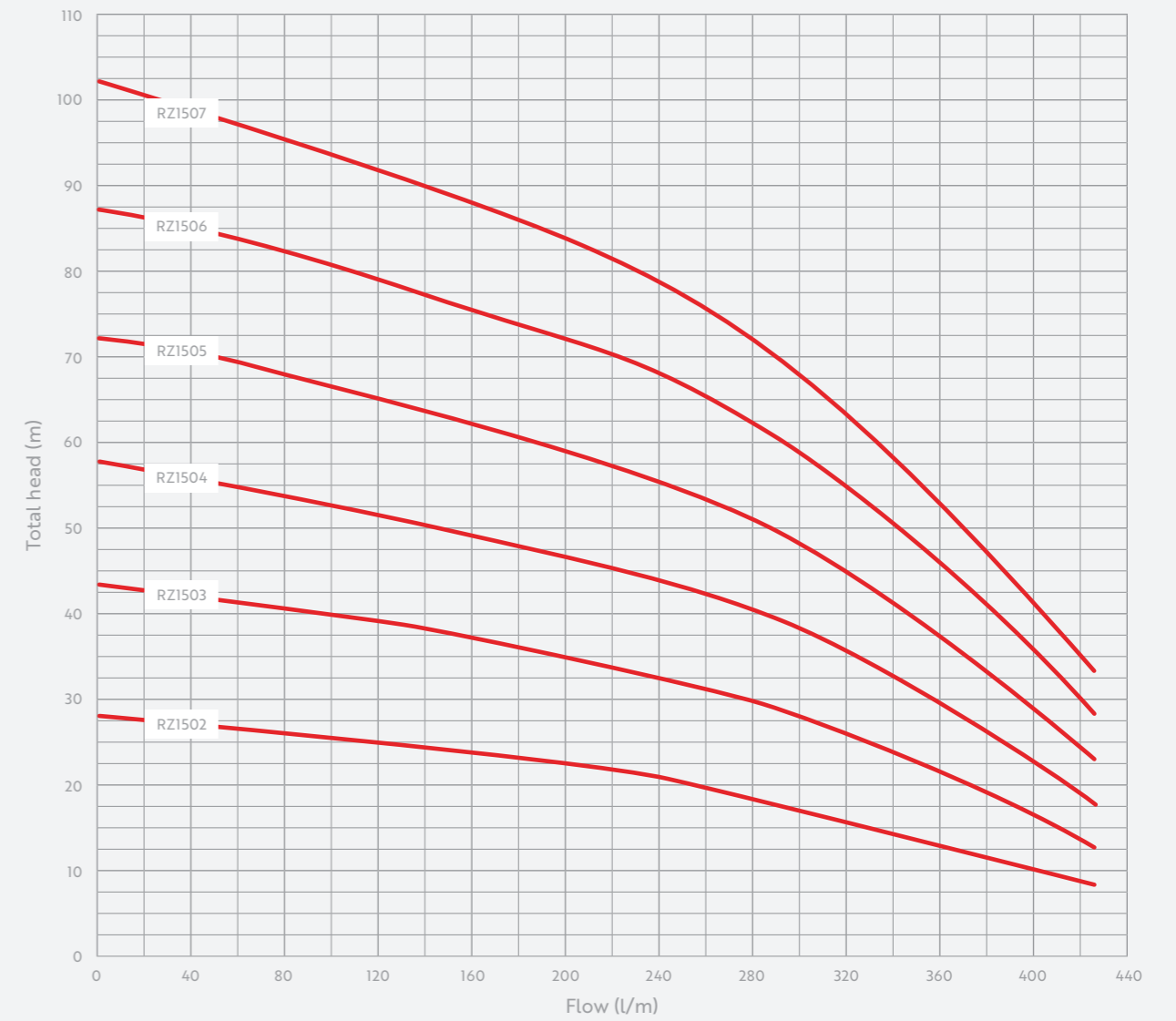
RZ10 Series

SINGLE PUMP CURVES



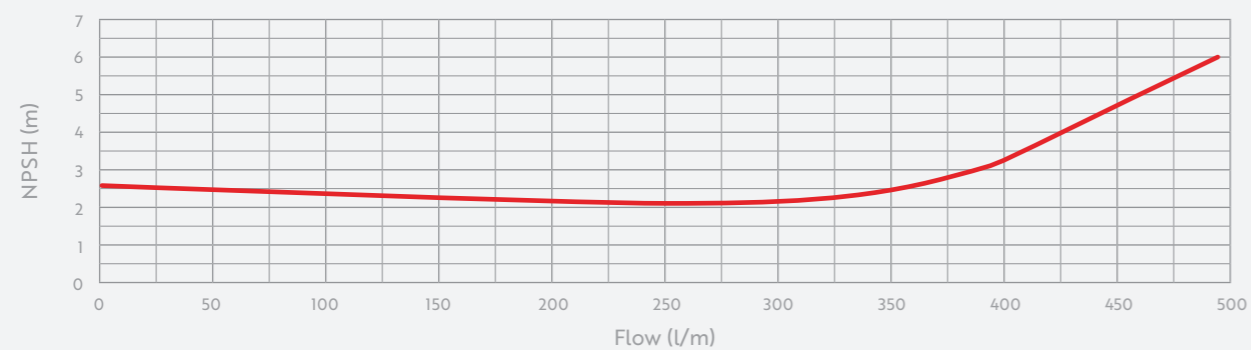
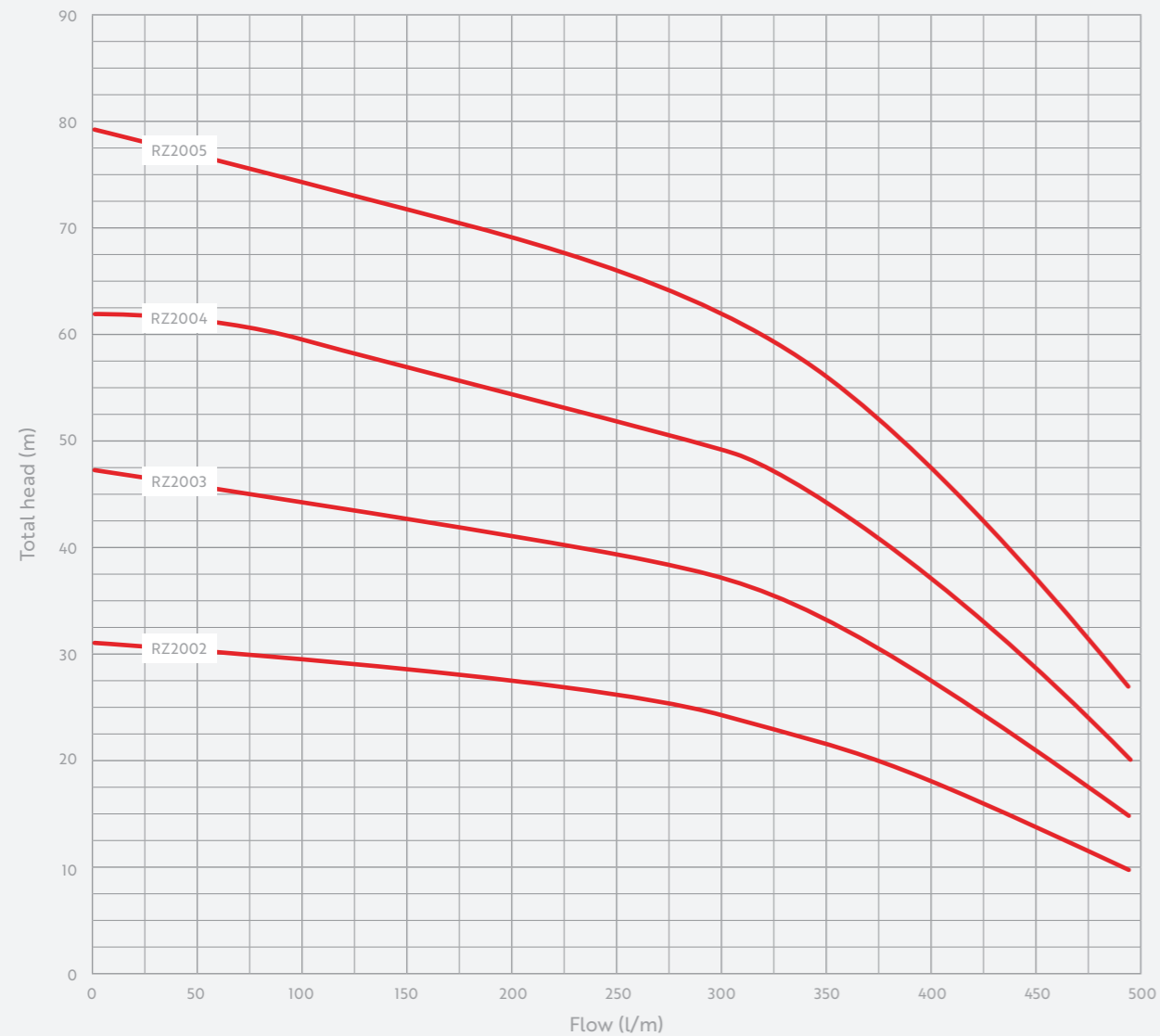
RZ15 Series

SINGLE PUMP CURVES



RZ20 Series

SINGLE PUMP CURVES



10 North Silver Street, Aberdeen



Residential building fitted with fire sprinkler pump sets for a high standard of safety.

PROJECT DETAILS

Project name
10 North Silver Street, Aberdeen

Industry sector
Residential

Project type
Luxury apartments

Product supplied
- ResiSHIELD DH

PROJECT SUMMARY

Located in the centre of Aberdeen, these apartments, originally built in 1810, form part of a uniquely designed conversion which retains the building's original features and character.

PROJECT CHALLENGE

Our team faced the challenge of time constraints during this project, as well as the task of providing a fire sprinkler pump set to complement the aesthetics of the apartments. The clients required that this project be completed promptly and to a high standard, prioritising safety throughout. We were sure to provide products that continued the aesthetic of the interior, keeping everything neat and tidy while also promoting safety for the occupants of the building.

PROJECT SOLUTION

The Dutypoint team worked closely with James Bryceland from Discovery Fire to ensure this project was successful. Our communication with James aided the project in finishing with high-calibre results, which the clients were pleased with.



**Let's talk about fire
safety with ResiSHIELD**

01452 300110

ENQUIRIES@DUTYPOINT.COM

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