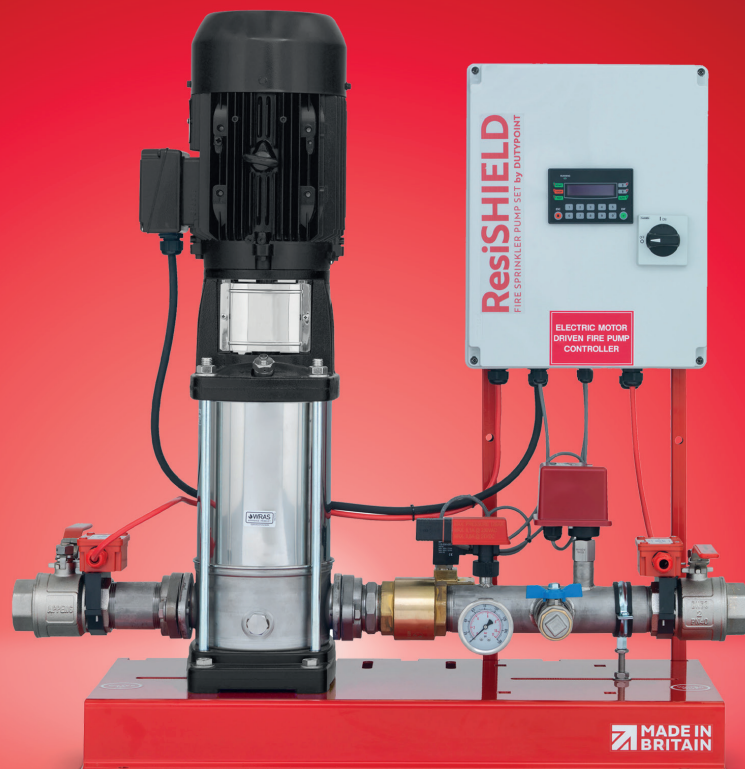








DUTYPOINT.COM

RESISHIELD RV FIRE SPRINKLER PUMP SET

BS 9251:2021 COMPLIANT

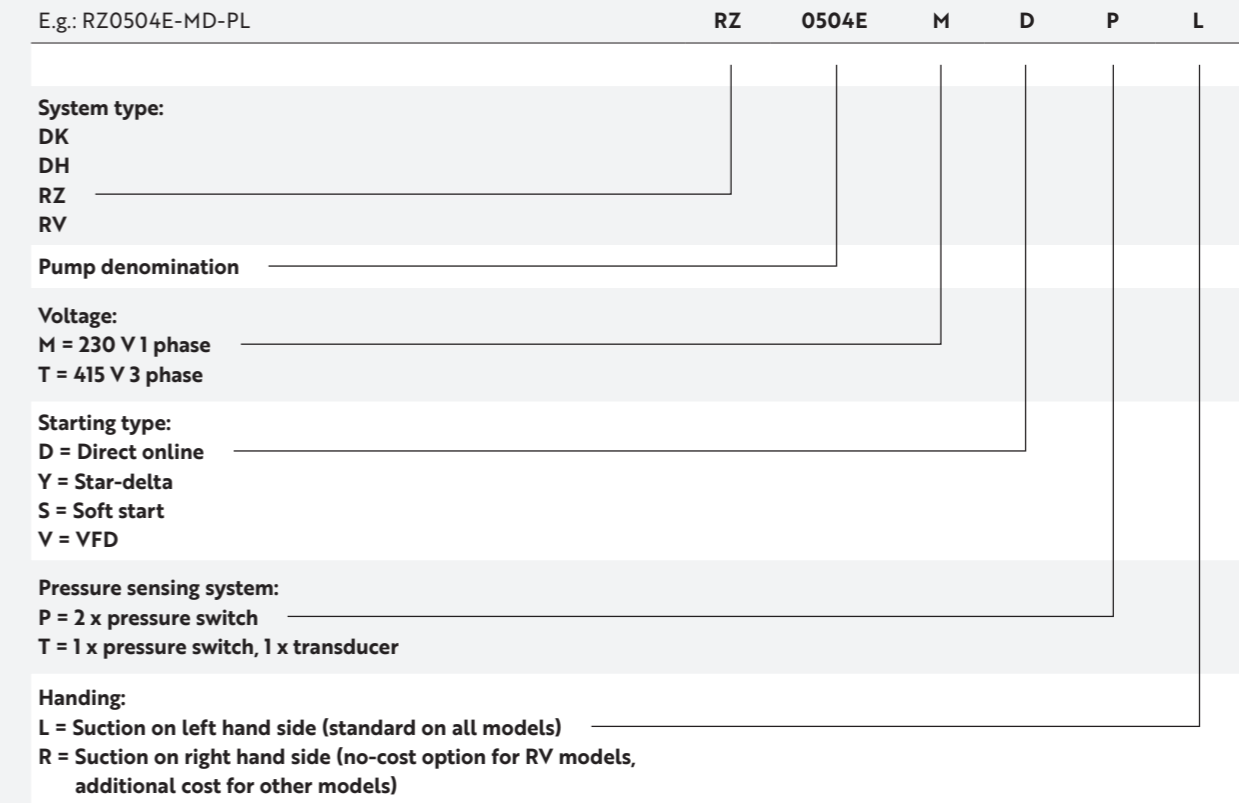


Which ResiSHIELD?

	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 RV

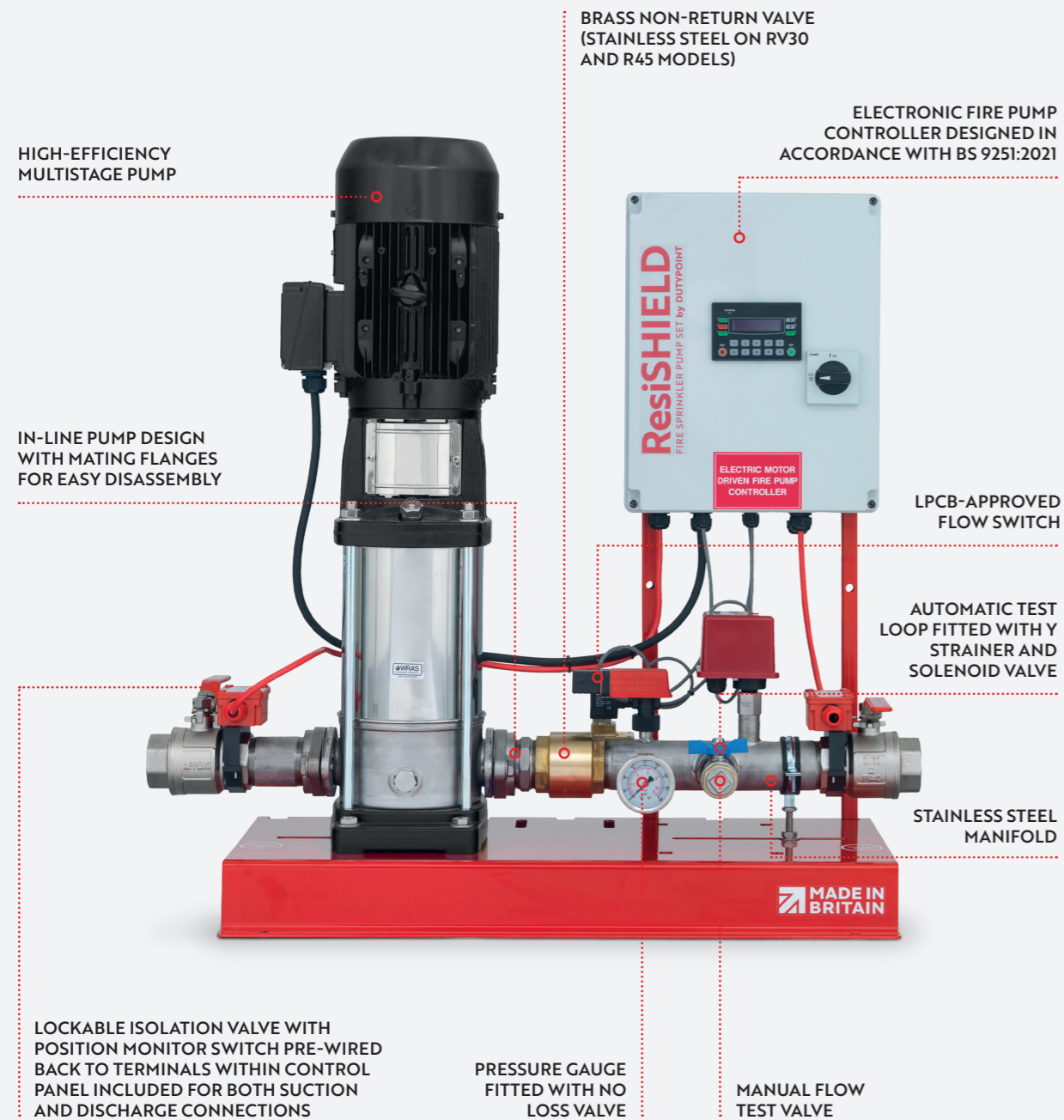
**Designed for higher
flow residential fire
sprinkler systems.**

PRODUCT OVERVIEW

- Residential (Cat 2-4) application
- Fully pre-assembled pump system fitted to a robust skid plate
- Standard range available within 4-5 weeks lead time
- BS 9251:2021 compliant



Key Features



Specification

Packaged fire pump sets for higher flow residential (Cat 2 – 4) sprinkler systems

PRODUCT OVERVIEW

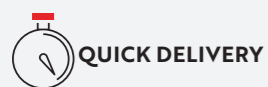
- Fully pre-assembled pump system fitted to a robust skid plate
- Compact design available in wide range of duties
- Fully compliant with BS 9251:2021
- High-quality fabricated stainless steel manifold
- Volt-free contacts included for fire alarm and range of faults
- Intuitive LCD controller with full number keypad makes set up and commissioning quick and user friendly
- Standard range available within 4-5 weeks lead time
- Available with a variety of motor starting options to minimise start-up current
- Interchangeable pipework design to enable left or right-hand configuration
- Q-LIM intelligent flow control available

RANGE PERFORMANCE

Flow range	150 - 750 l/min
Pressure range	1 - 18 bar
Max system pressure	10 or 20 bar
Starting type	DOL, soft start or VFD
Category applications	3 & 4

MATERIAL SPECIFICATION

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



RV/15/20/30/45

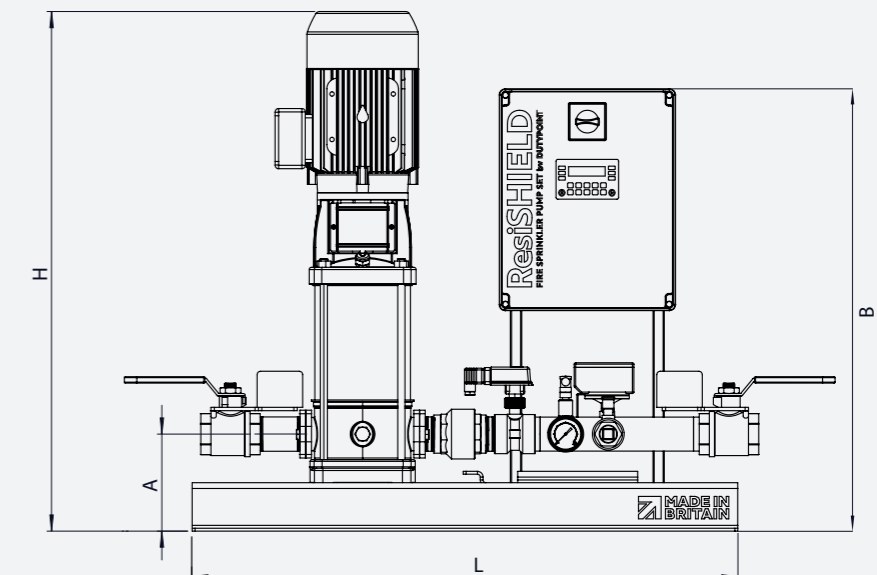
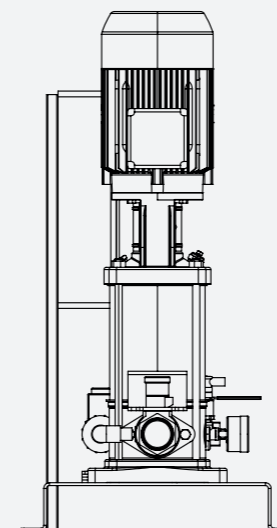
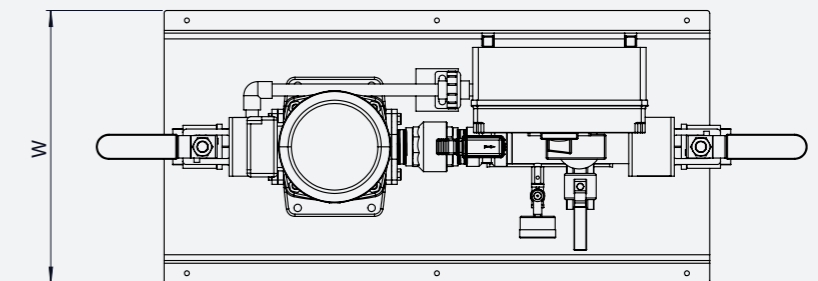
DRAWINGS AND DIMENSIONS

Model no.	Motor nominal power (kW)	Supply voltage	FLC (A)	Suction size	Discharge size	Dimensions (mm)					Estimated weight (kg)
						L	W	H	A	B	
RV1502E-M	1.5	230/1/50	9.3	DN50	DN50	1067	430	786	170	684	61
RV1502E-T	1.5	400/3/50	3	DN50	DN50	1067	430	786	170	857	62
RV1503E-M	2.2	230/1/50	14.6	DN50	DN50	1067	430	857	170	844	65
RV1503E-T	2.2	400/3/50	4.6	DN50	DN50	1067	430	857	170	844	65
RV1504E-T	3	400/3/50	5.6	DN50	DN50	1067	430	914	170	856	81
RV1505E-T	4	400/3/50	8	DN50	DN50	1067	430	962	170	857	86
RV1506E-T	5.5	400/3/50	10.2	DN50	DN50	1067	430	1133	170	857	115
RV1507E-T	5.5	400/3/50	10.2	DN50	DN50	1067	430	1181	170	857	116
RV1508E-T	7.5	400/3/50	14.4	DN50	DN50	1199	480	1220	170	1068	142
RV1509E-T	7.5	400/3/50	14.4	DN50	DN50	1199	480	1268	170	1068	144
RV1510E-T	11	400/3/50	19.9	DN50	DN50	1199	480	1407	170	1068	173
RV1511E-T	11	400/3/50	19.9	DN50	DN50	1468	480	1565	170	1068	176
RV1512E-T	11	400/3/50	19.9	DN50	DN50	1281	480	1613	170	1068	177
RV1513E-T	11	400/3/50	19.9	DN50	DN50	1281	480	1661	170	1068	179
RV2002E-M	2.2	230/1/50	14.6	DN50	DN50	1066	480	786	170	864	63
RV2002E-T	2.2	400/3/50	4.6	DN50	DN50	1066	480	786	170	857	63
RV2003E-T	3	400/3/50	5.6	DN50	DN50	1066	480	844	170	857	80
RV2004E-T	4	400/3/50	8	DN50	DN50	1066	480	914	170	857	84
RV2005E-T	5.5	400/3/50	10.2	DN50	DN50	1066	480	1085	170	857	113
RV2006E-T	7.5	400/3/50	14.4	DN50	DN50	1199	480	1124	170	1068	140
RV2007E-T	7.5	400/3/50	14.4	DN50	DN50	1199	480	1172	170	1068	141
RV2008E-T	11	400/3/50	19.9	DN50	DN50	1199	480	1311	170	1068	171
RV2009E-T	11	400/3/50	19.9	DN50	DN50	1199	480	1359	170	1068	172
RV2010E-T	11	400/3/50	19.9	DN50	DN50	1199	480	1407	170	1068	174
RV2011E-T	15	400/3/50	26.8	DN50	DN50	1369	480	1616	170	1068	186
RV2012E-T	15	400/3/50	26.8	DN50	DN50	1468	480	1664	170	1068	187
RV3001E-T	2.2	400/3/50	4.6	DN65	DN50	1513	480	792	185	1068	116
RV3002E-T	5.5	400/3/50	10.2	DN65	DN50	1513	580	1132	185	1068	168
RV3003E-T	7.5	400/3/50	14.4	DN65	DN50	1513	580	1236	185	1068	179
RV3004E-T	11	400/3/50	19.9	DN65	DN50	1513	580	1413	185	1068	211
RV3005E-T	15	400/3/50	26.8	DN65	DN50	1513	580	1629	185	1068	225
RV3006E-T	15	400/3/50	26.8	DN65	DN50	1513	580	1629	185	1068	229
RV3007E-T	18.5	400/3/50	33	DN65	DN50	1513	580	1777	185	1068	271
RV4501E-T	4	400/3/50	8	DN80	DN50	1610	580	876	220	856	148
RV4502E-T	7.5	400/3/50	14.4	DN80	DN50	1610	580	1189	220	1067	187
RV4503E-T	11	400/3/50	19.9	DN80	DN50	1610	580	1366	220	1068	219
RV4504E-T	15	400/3/50	26.8	DN80	DN50	1610	580	1499	220	1068	233
RV4505E-T	18.5	400/3/50	33	DN80	DN50	1610	580	1648	220	1068	275
RV4506E-T	22	400/3/50	39.4	DN80	DN50	1610	580	1730	220	1068	284
RV4507E-T	30	400/3/50	52.7	DN80	DN50	1610	580	1933	220	1068	463
RV4508E-T	30	400/3/50	52.7	DN80	DN50	1610	580	2015	220	1068	468

RV/15/20/30/45

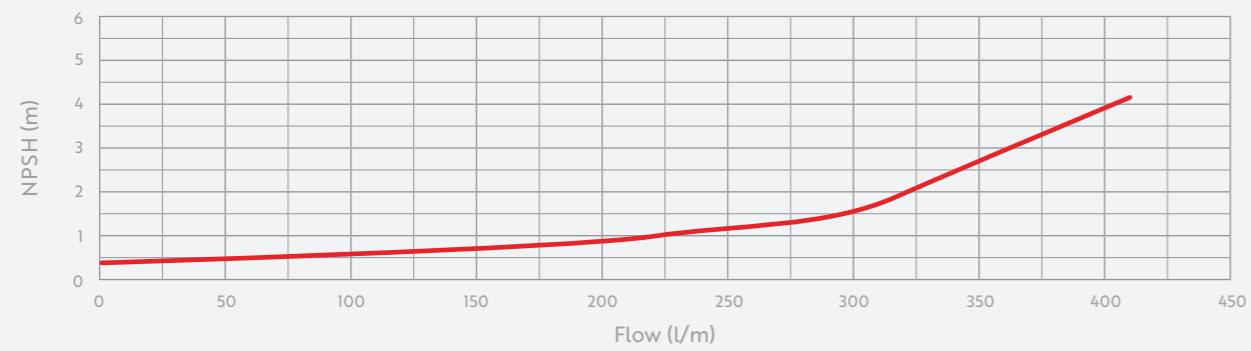
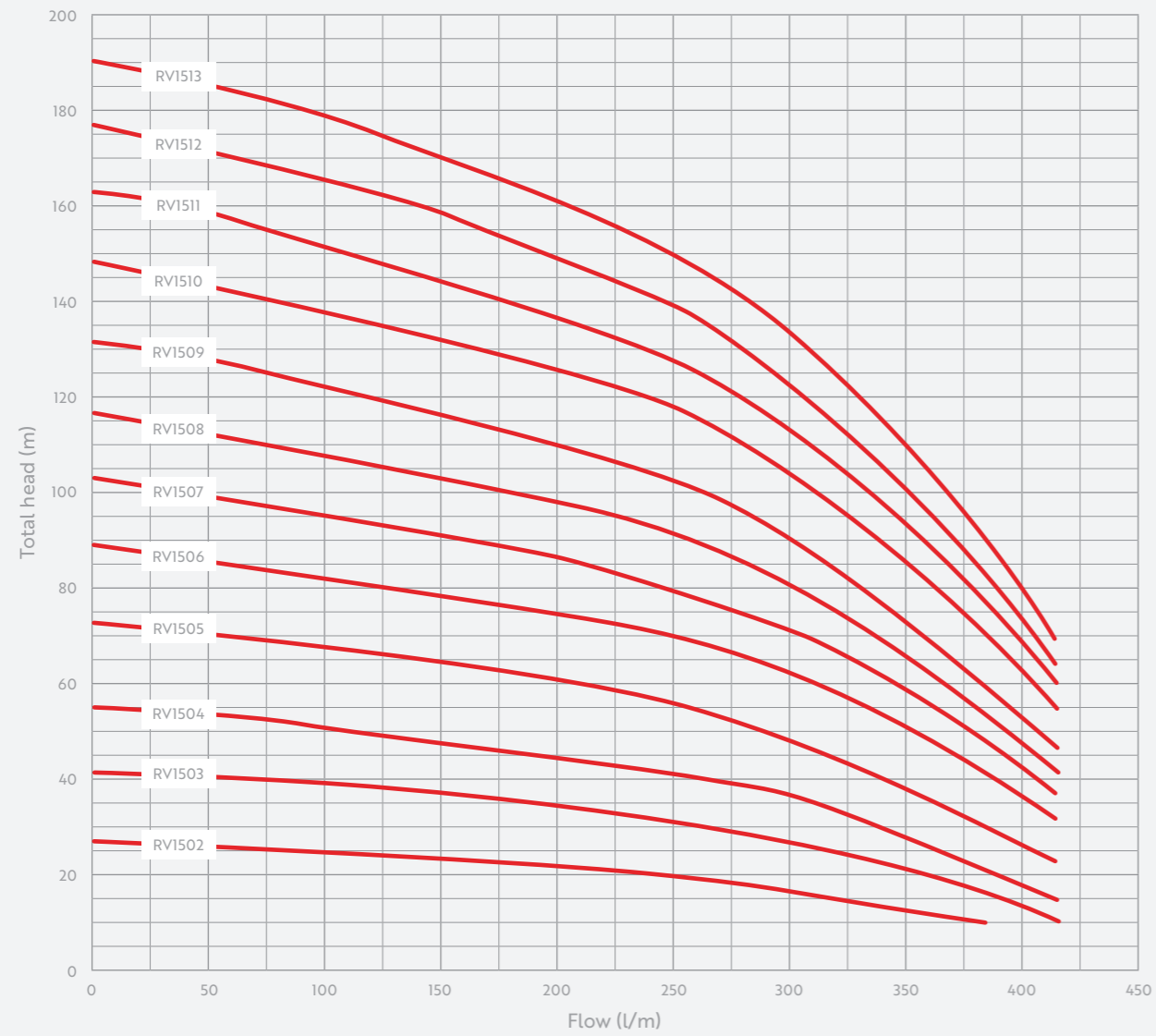
STARTING TYPE OPTIONS

kW range	Standard starting type	Optional starting type
Up to 2.2 kW	Direct On Line	-
3.0 kW to 5.5 kW	Direct On Line	Soft start
7.5 kW to 30 kW	Soft start	VFD



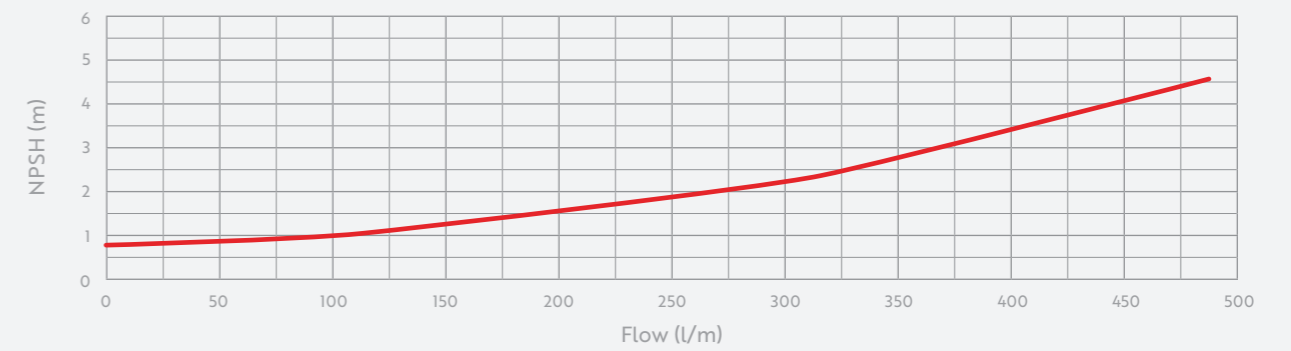
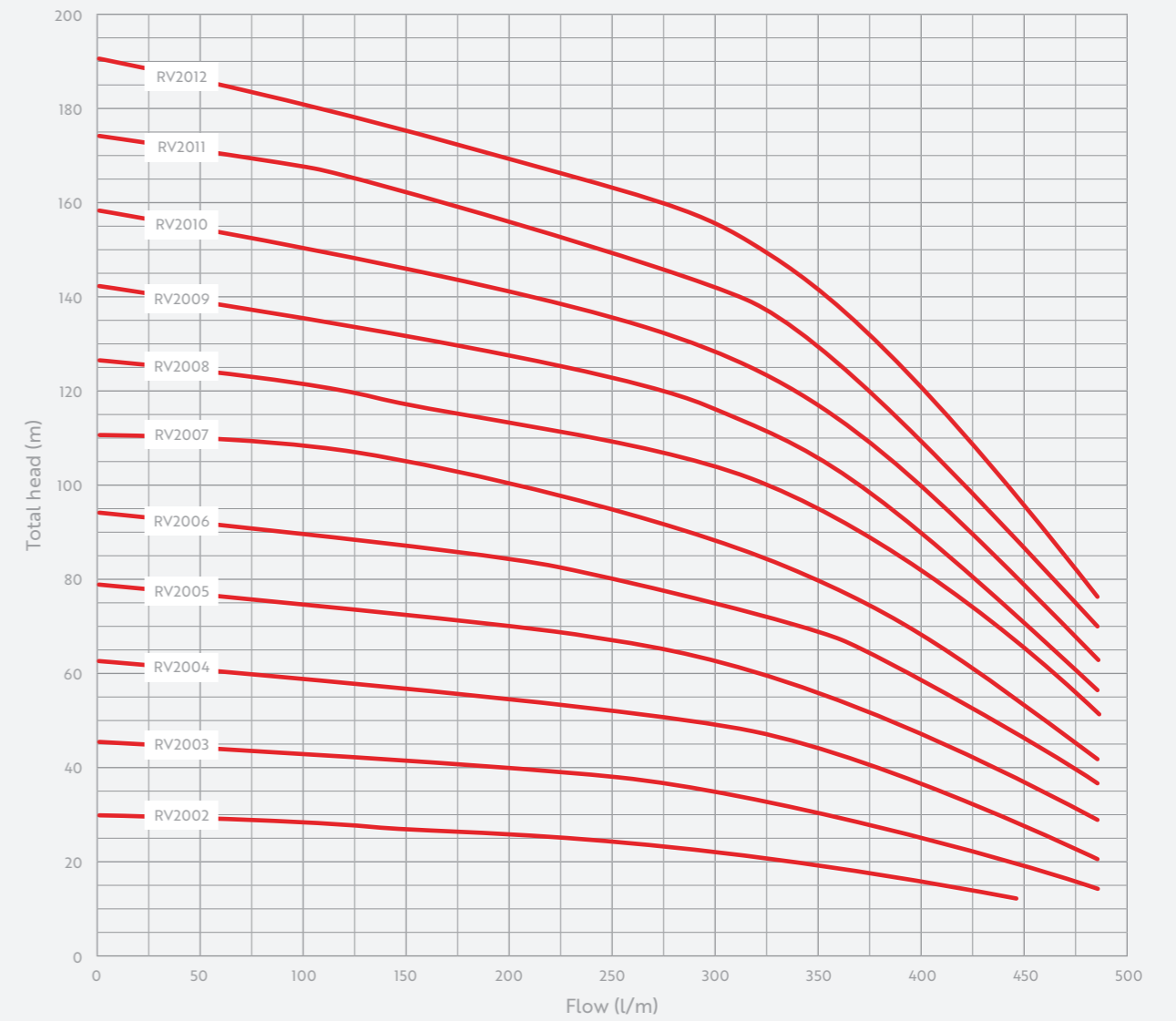
RV15 Series

SINGLE PUMP CURVES



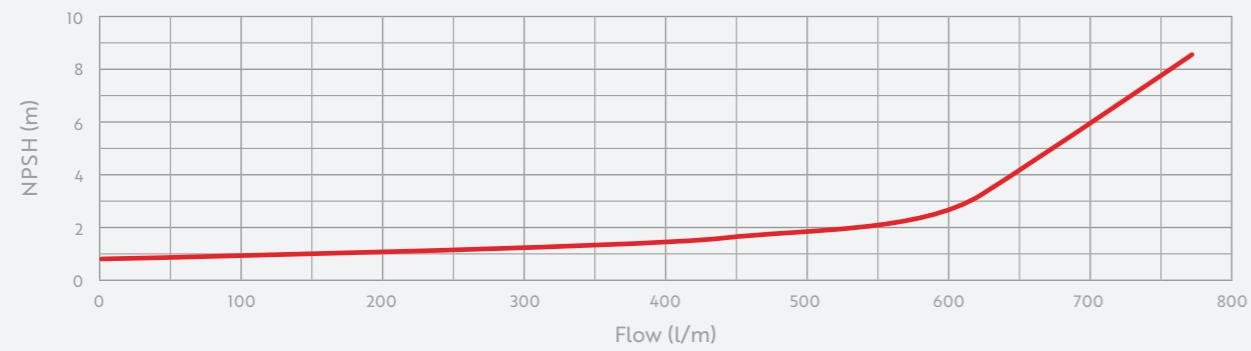
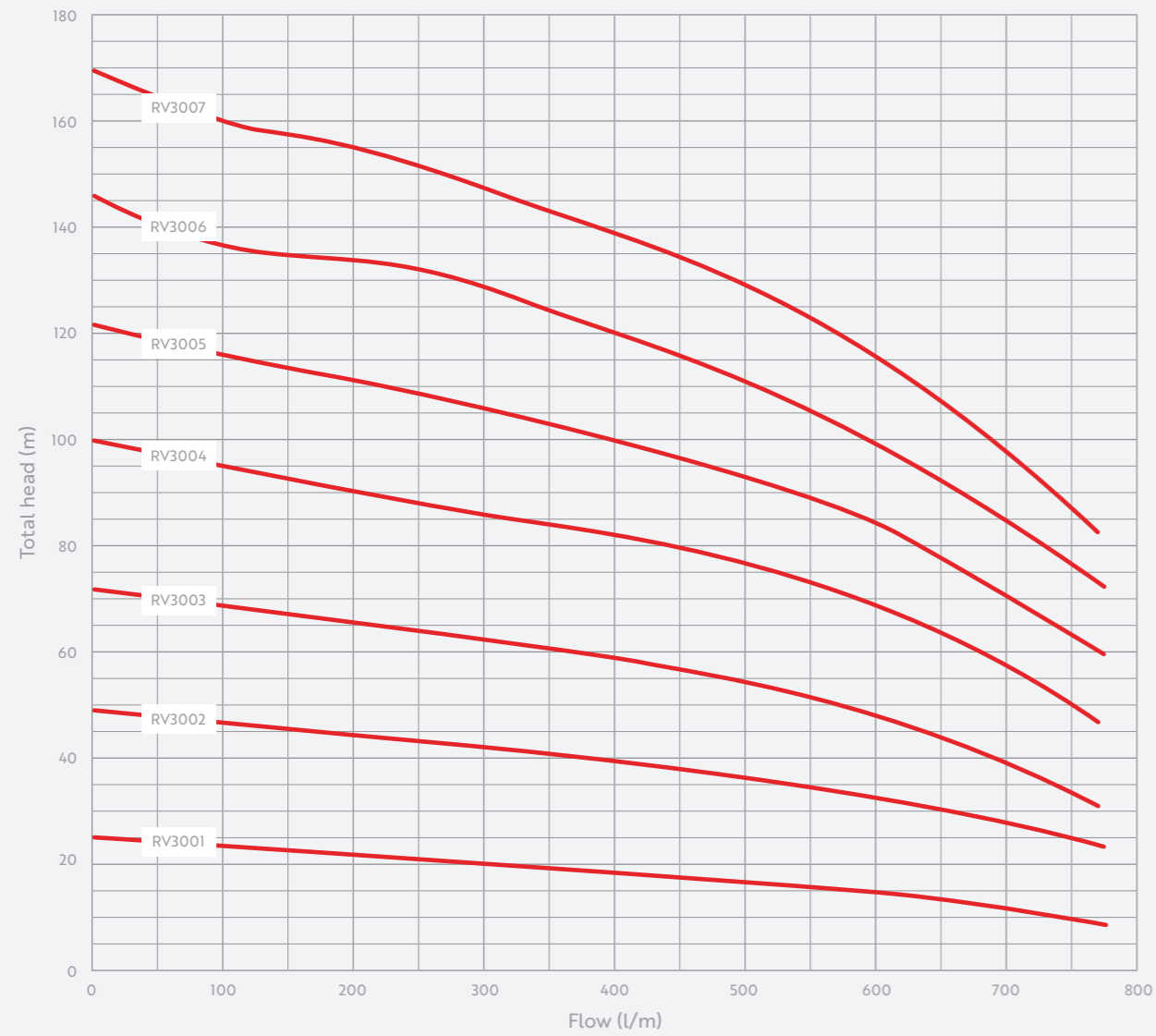
RV20 Series

SINGLE PUMP CURVES



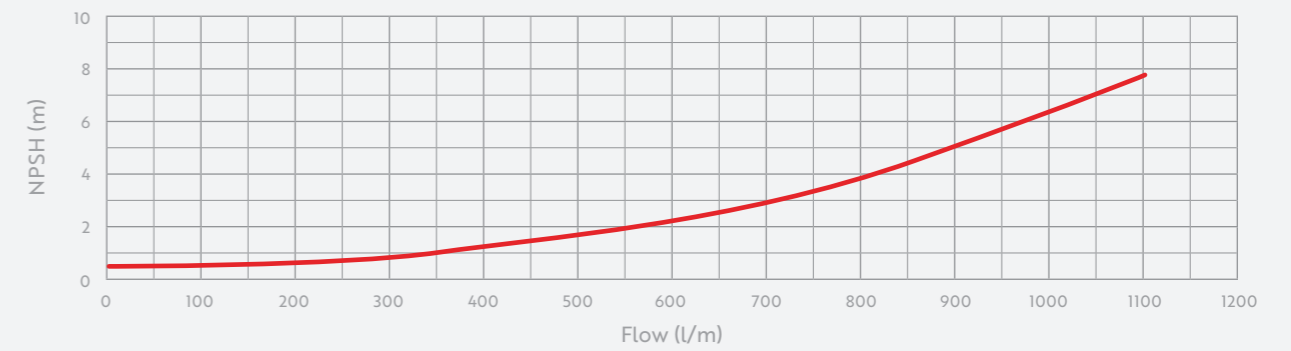
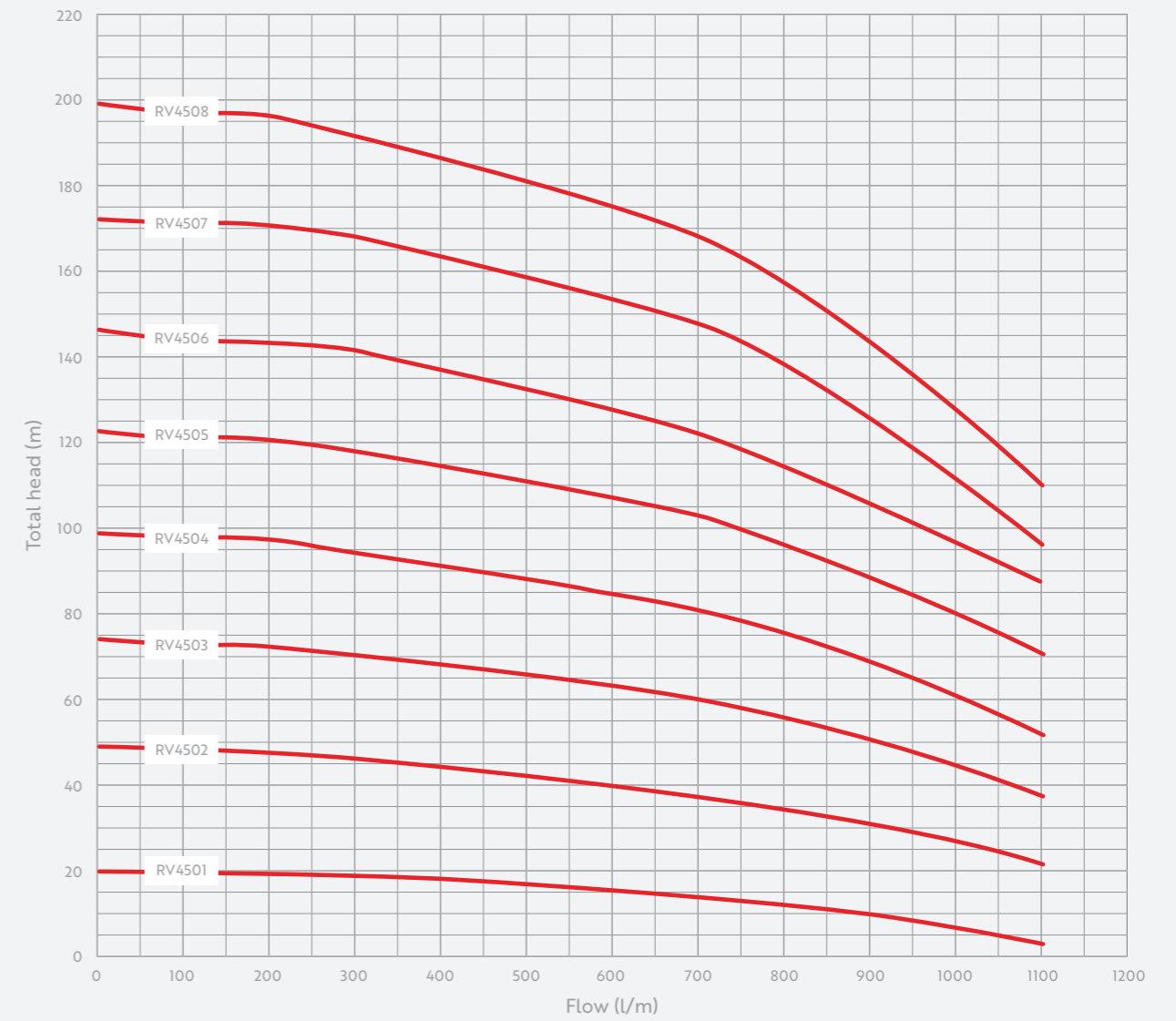
RV30 Series

SINGLE PUMP CURVES



RV45 Series

SINGLE PUMP CURVES





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

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