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# ResiSHIELD RV Fire Sprinkler Pump Set

BS 9251:2021 compliant

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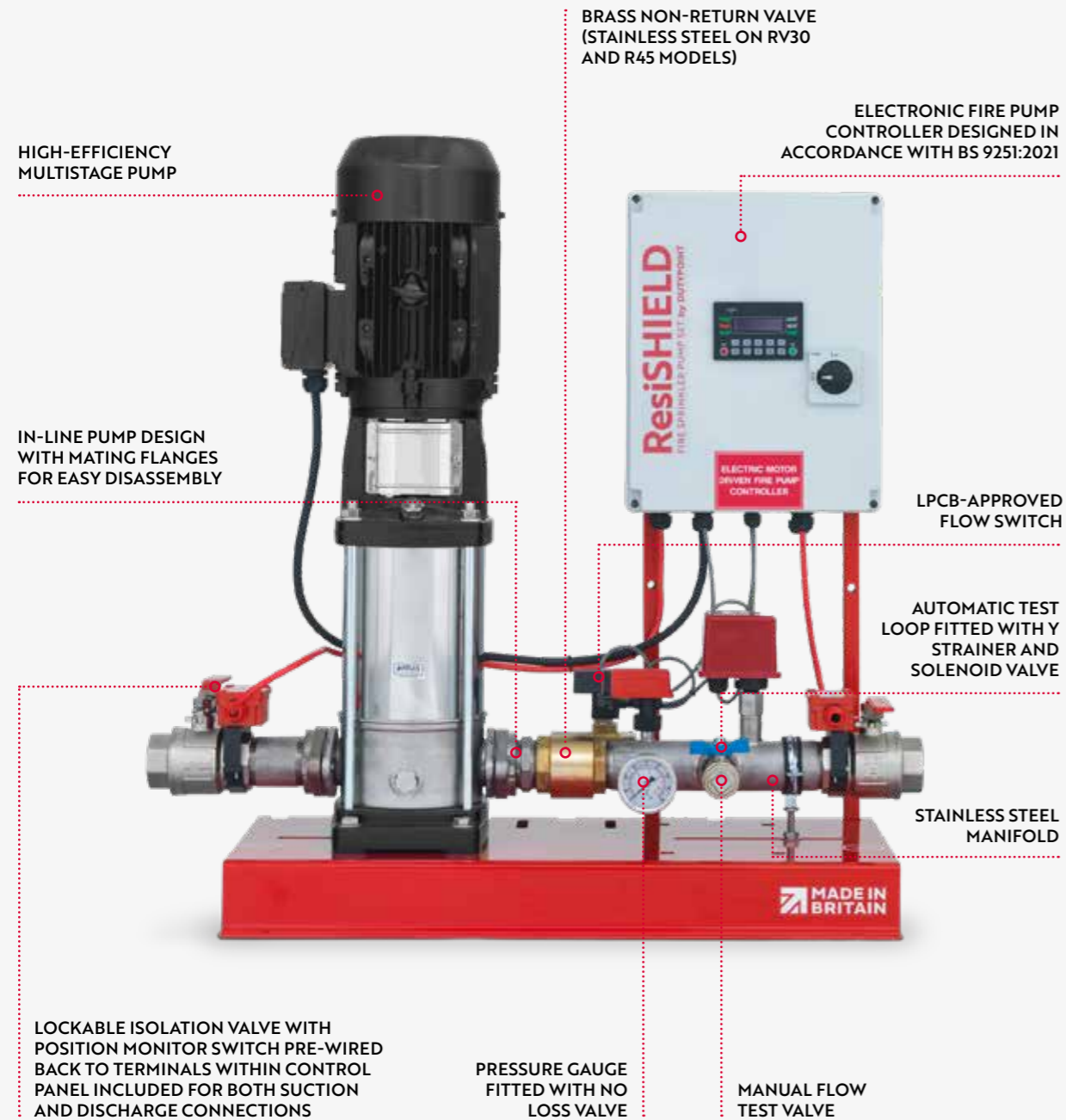


## Designed for higher flow residential fire sprinkler systems.

### 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

## RANGE PERFORMANCE

<b>Flow range</b>	150 - 750 l/min
<b>Pressure range</b>	1 - 18 bar
<b>Max system pressure</b>	10 or 20 bar
<b>Starting type</b>	DOL, soft start or VFD

## MATERIAL SPECIFICATION

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

# RV/15/20/30/45

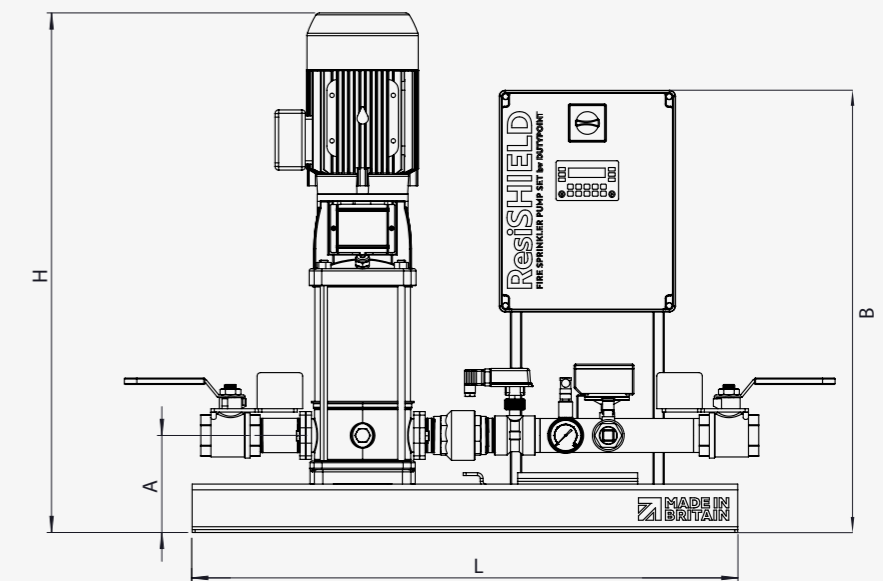
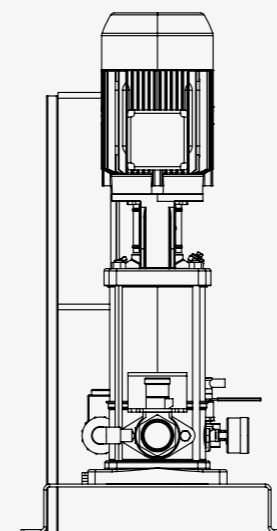
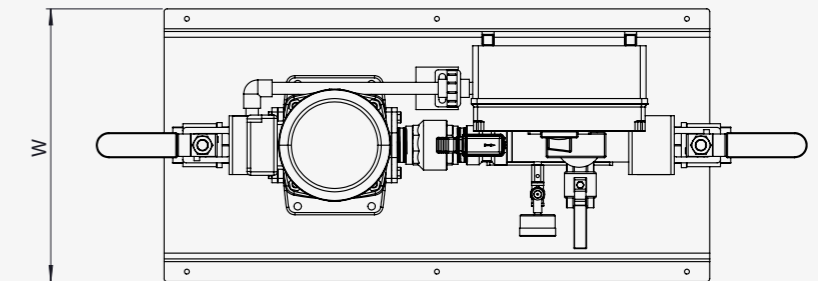
## DRAWINGS AND DIMENSIONS

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

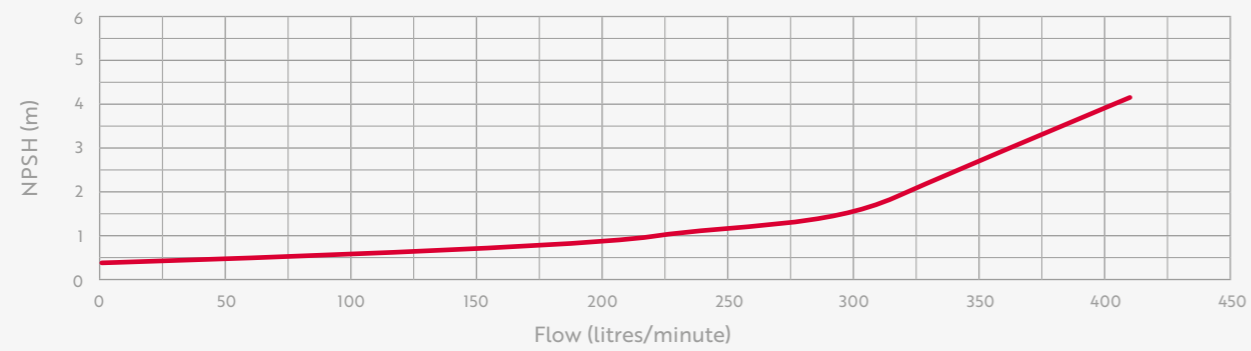
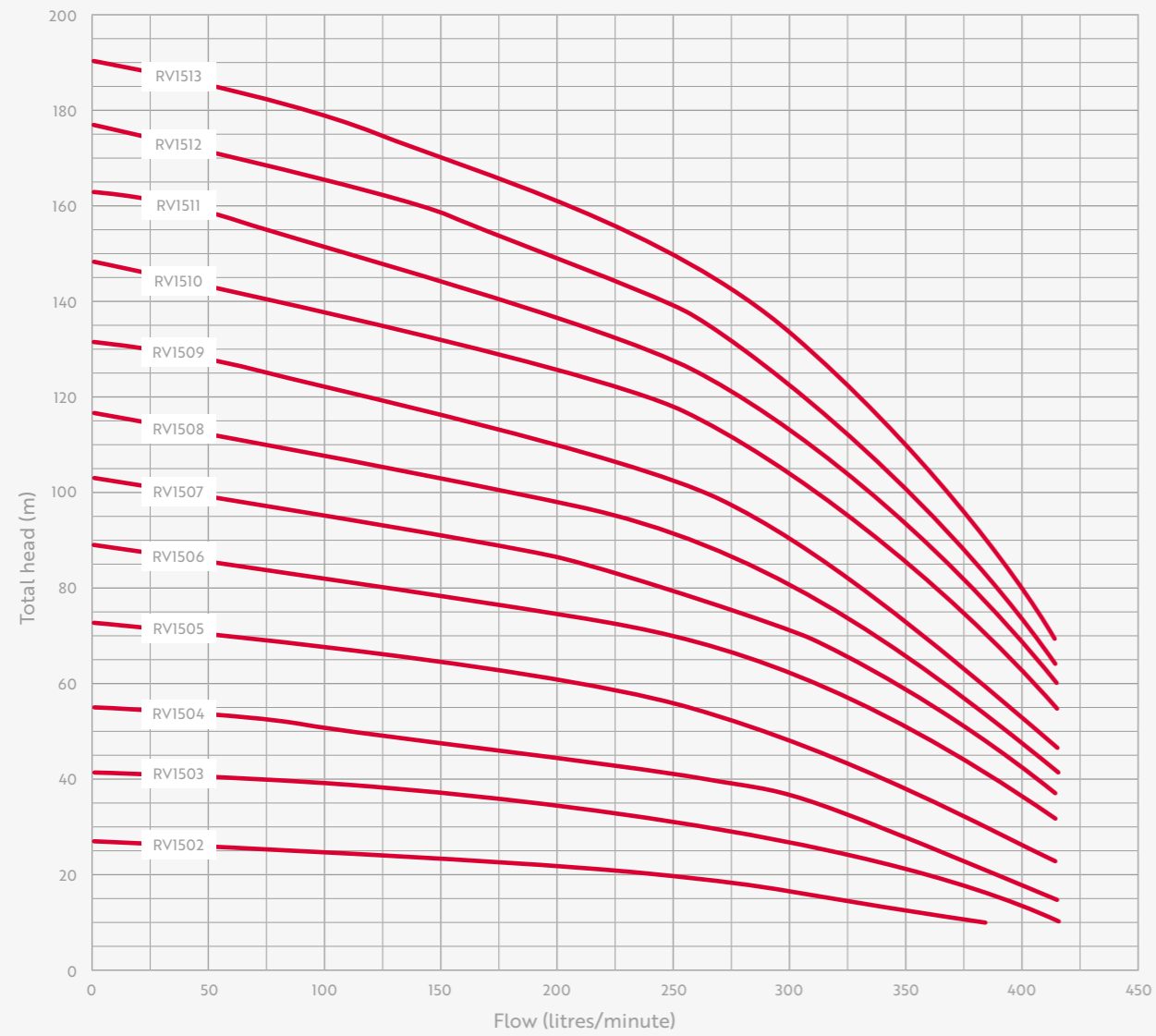
## STARTING TYPE OPTIONS

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



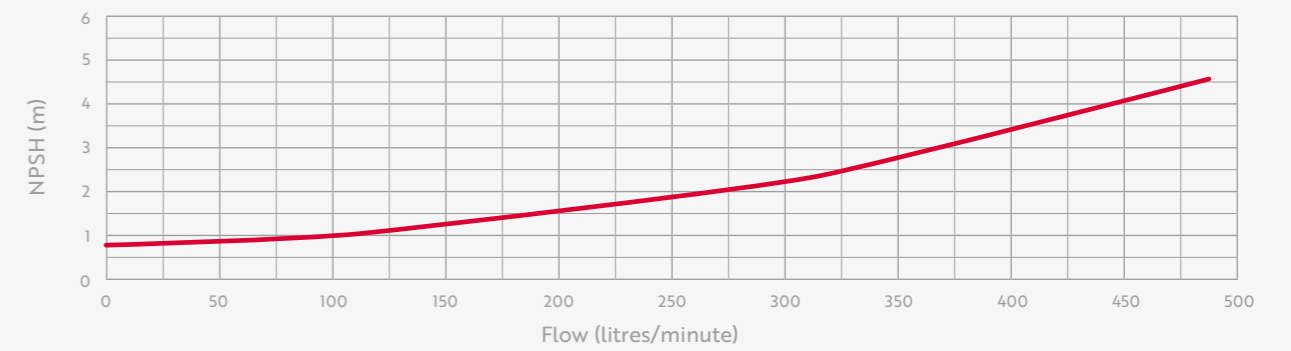
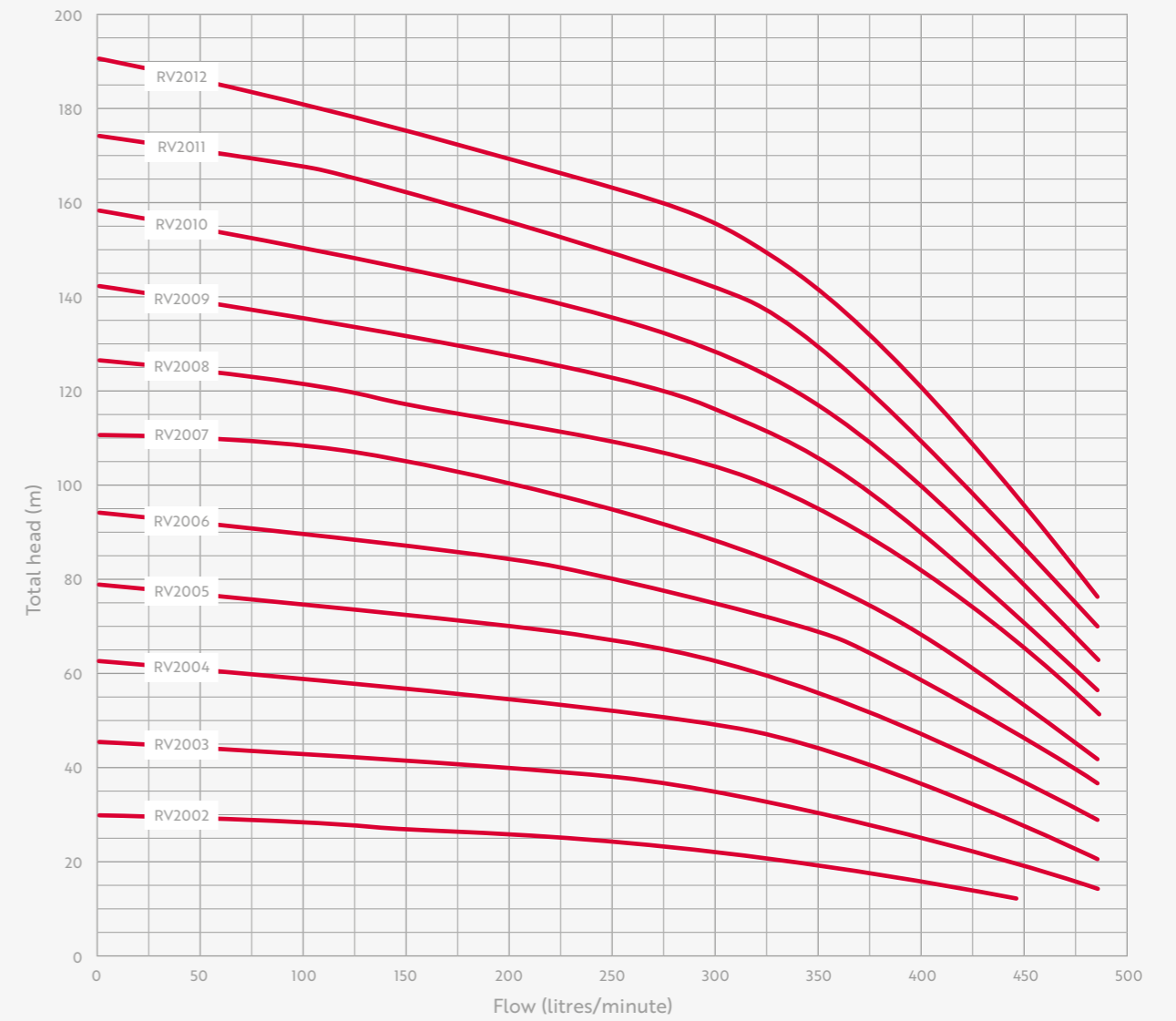
# RV15 Series

## SINGLE PUMP CURVES



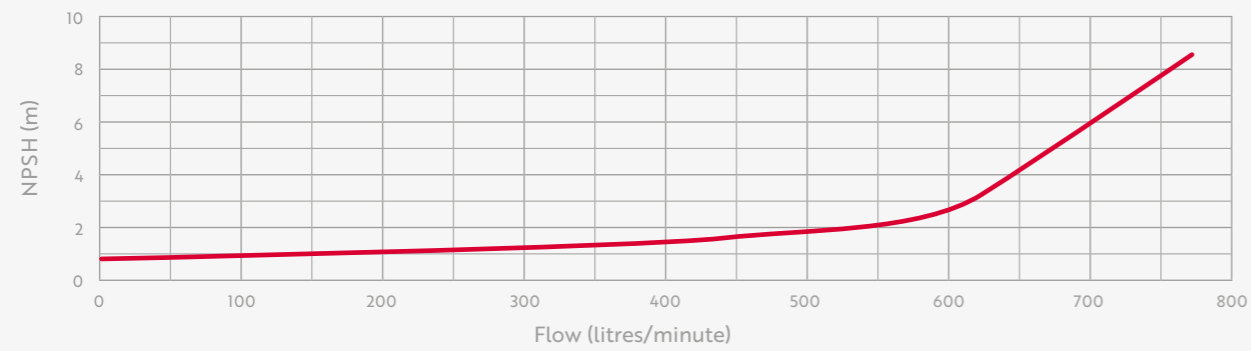
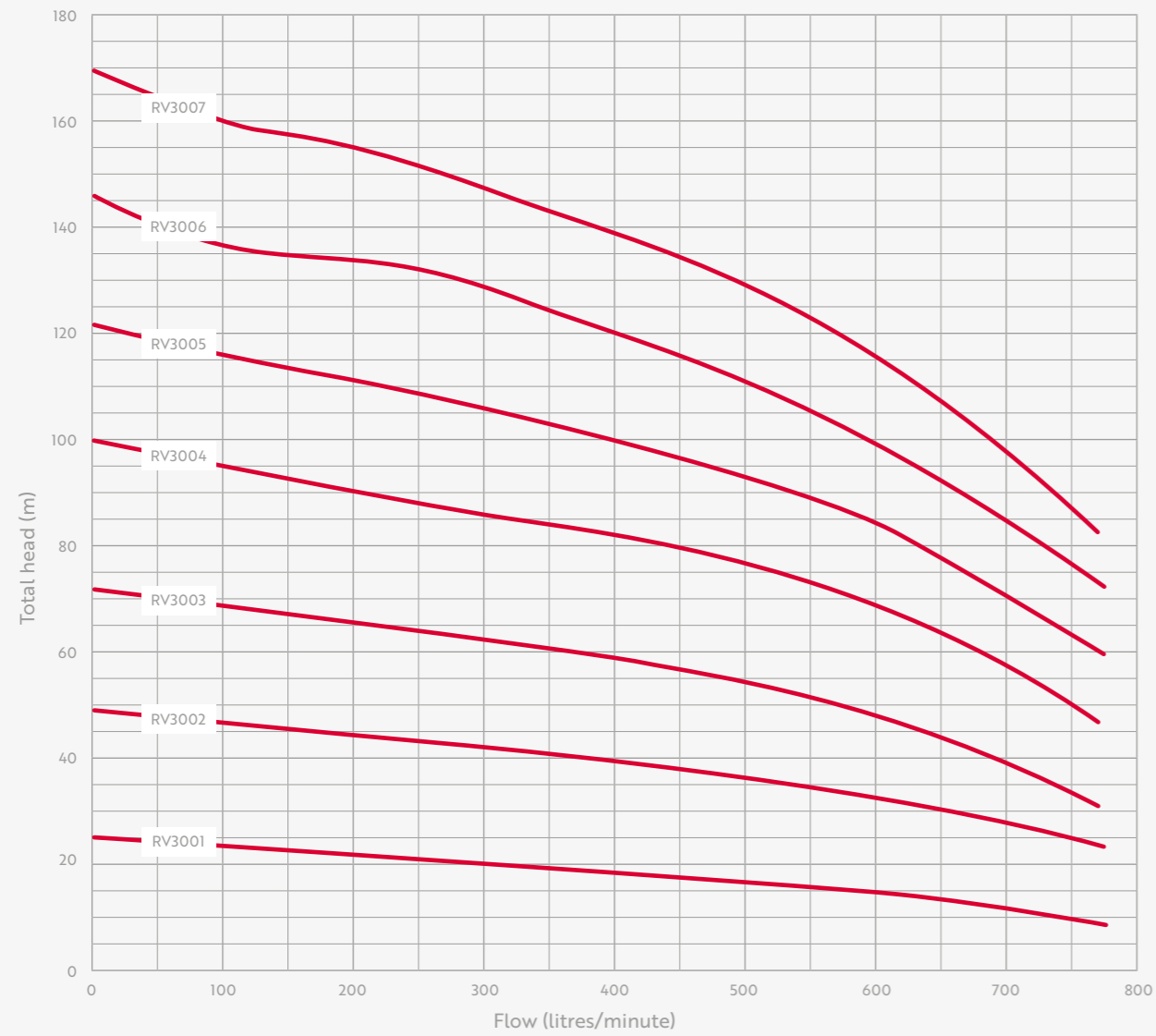
# RV20 Series

## SINGLE PUMP CURVES



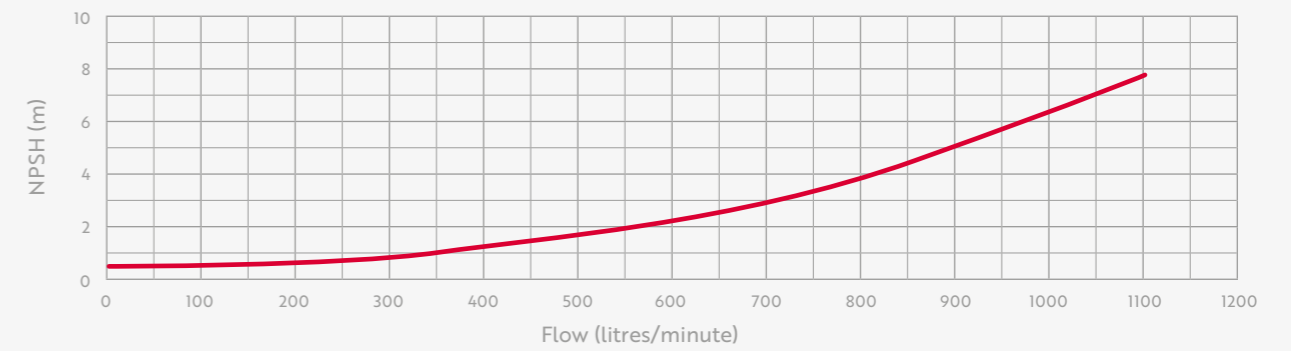
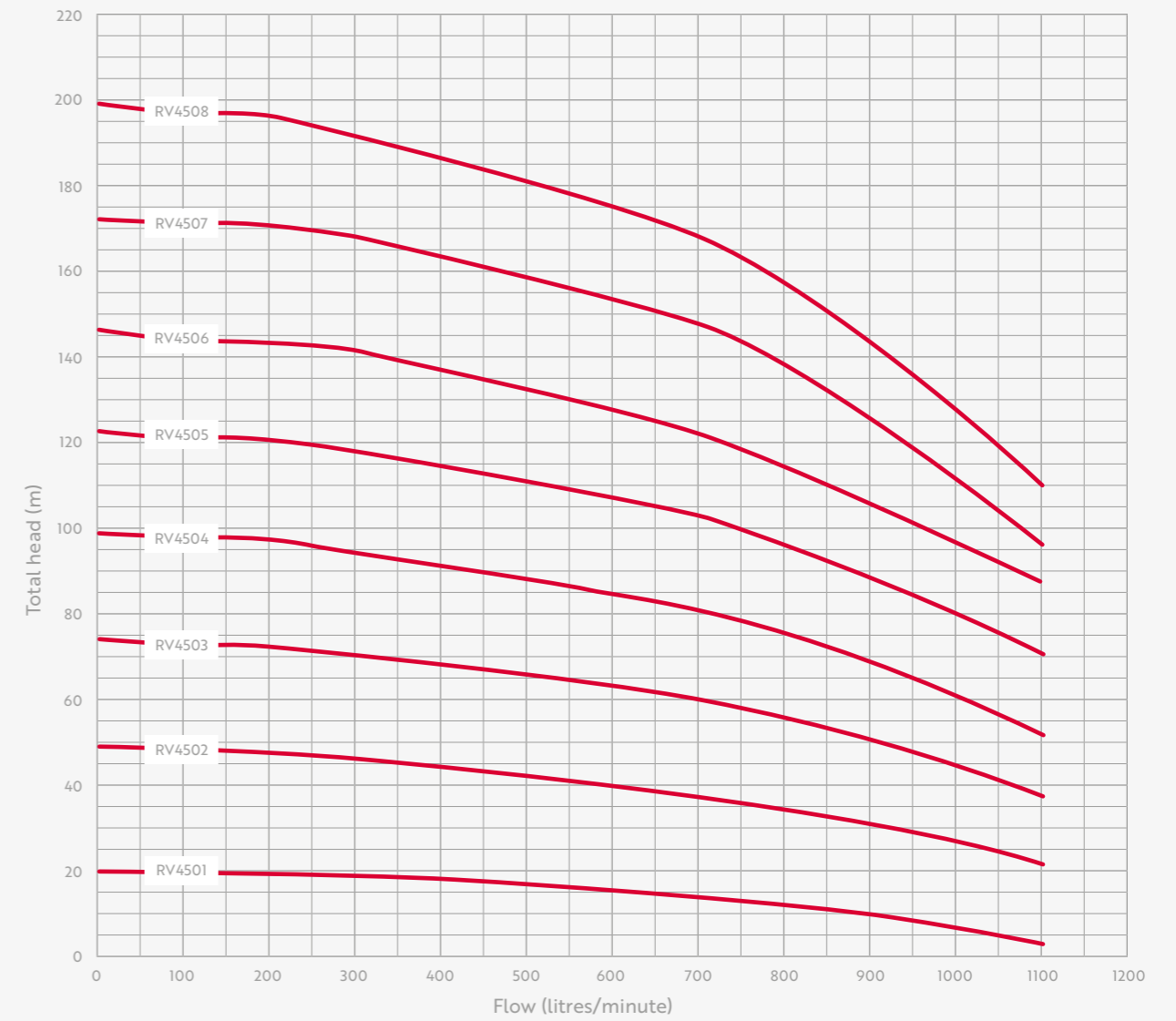
# RV30 Series

## SINGLE PUMP CURVES



# RV45 Series

## SINGLE PUMP CURVES





**Let's talk about ResiSHIELD RV**

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