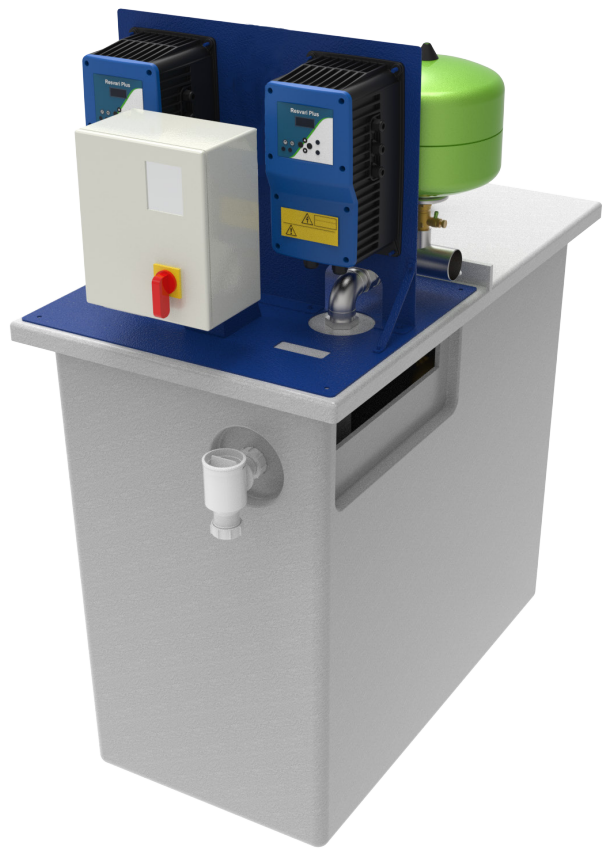


xylem



Resvari Plus range

Compact variable-speed break tank booster set

Powered by the Lowara SCUBA pump series

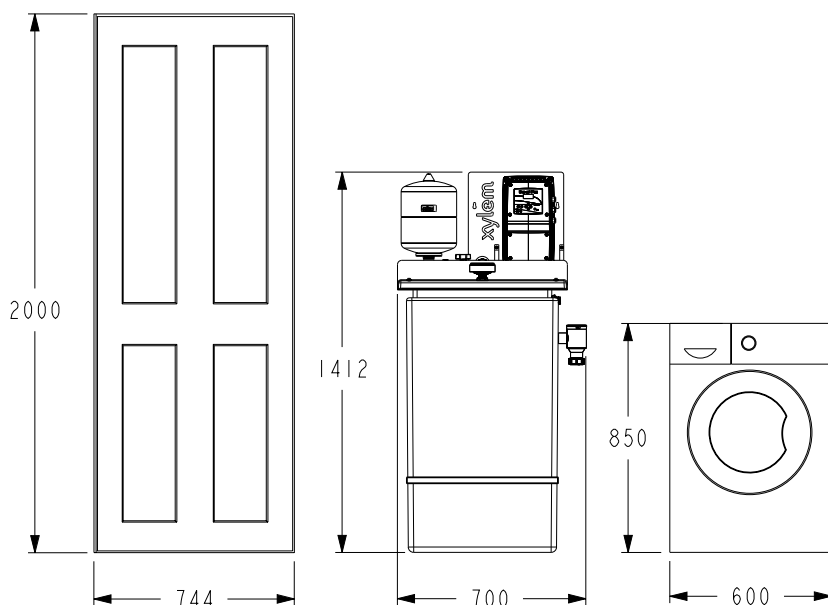




Compact Design

The size and footprint of the Resvari Plus is perfect for a range of domestic and light commercial environments. With a footprint not much bigger than a domestic washing machine, the unit can easily be installed in a utility room or single car garage without looking out of place.

The compact width and the height of the unit allows the Resvari Plus to be easily maneuvered through a standard single door way preventing the need for disassembly or struggling to get the unit through a tight space.



Resvari Plus shown on the left compared to:

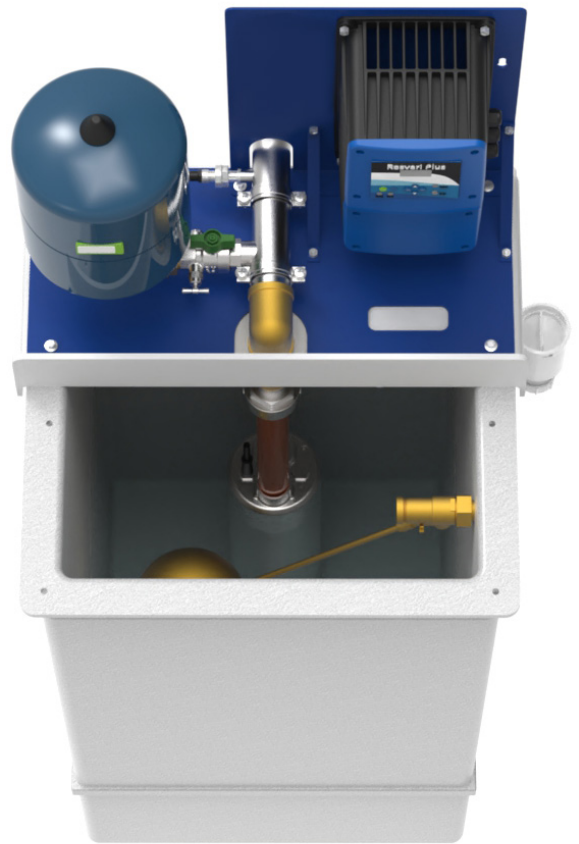
- Standard Single Door (2000 x 744mm)
- Washing Machine / Tumble dryer (850 x 600mm)

Powerful Pumping, Performance

The Resvari Plus is fitted with the latest generation of **SCUBA**, a **compact close-coupled submersible Lowara pump from Xylem**, and brings a new level of reliability for pressure boosting applications. SCUBA is a quiet, compact multistage pump designed to deliver high performance.

Product features:

- 250L CAT5 Break Tank
- Variable Speed Control using the Resvari Drive
- Delivery up to 7m³/h
- Pressures up to 7.5 bar
- Stainless steel submersible multistage pump
- WRAS-approved components for potable water applications
- Detachable back plate for optional wall mounting capability
- Fitted with NRV, 8L pressure vessel & pressure transducer
- Stocked in the UK for quick delivery



Lowara Scuba

The new SCUBA compact close-coupled submersible pump from Xylem brings a new level of reliability and flexibility to primary water supply options for wells, tanks or reservoirs, sprinkler irrigation systems, and pressure boosting.



Main Features:

1. **Noiseless operation for maximum comfort**
2. **Best-in-class efficiency to minimise energy consumption**
3. **Stainless steel casing that is WRAS approved**

Premium Features in a Small Footprint



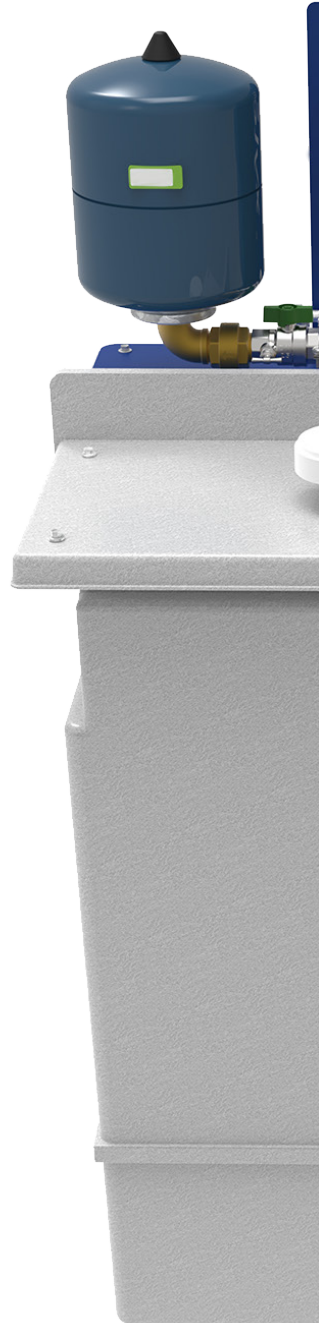
Performance

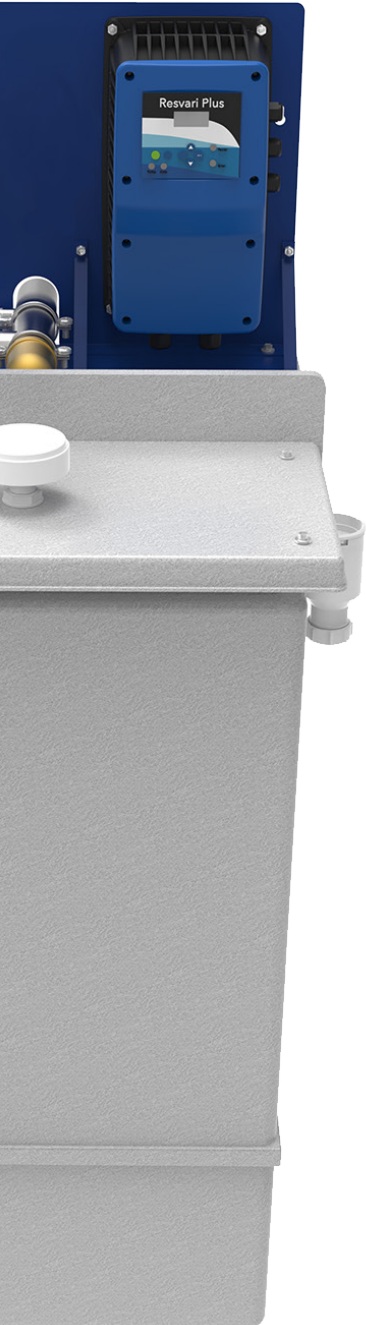
- The Resvari Plus range covers flows from **0.3L/s to 2L/s** due to a variety of tank sizes available from 250L to 1500L.
- **Maximum pressure for the range is 7.5 bar**, which is suitable for demanding household water supply within multiple-story buildings, or buildings with long pipework runs.
- The Resvari variable speed drive can **cut energy consumption up to 70%** vs a standard fixed speed unit.
- Best Efficiency Point between 2-4 bar.



Reliable

- The Resvari is fitted with the robust **SCUBA submersible pump** to ensure **quiet operation and long life span**.
- Non ferrous materials used as wetted parts to **avoid corrosion**.
- The Resvari Drive has **built-in electrical protection** preventing overload of the pump motor, over/under voltage and secondary dry run protection (in the event of the primary dry run protection offered from the included float switch was to fail).
- The Resvari Plus is fitted with **float switch inside the break tank** to protect the unit from dry running.





Efficiency

- The Resvari Plus comes fitted with the latest generation of the **Lowara Submersible SCUBA pump** which features a **IE3 rated motor** and high efficiency multistage stack, providing high performance at reduced energy consumption.
- The drive works to vary the speed of the pump motor depending on the demand, meaning the pump will only work as hard as it needs too. Therefore is perfect for an application where the demand changes throughout the day such as a domestic household.



Suitable for Potable Water

- The break tank, pressure vessel and fitting are **WRAS-approved as standard**.
- The manifold, pump casing and isolation valves are all made from either **Stainless steel or Brass**.
- The Break tank is **suitable for CAT5 fluid applications and fitted with an AB Air gap for backflow protection**.

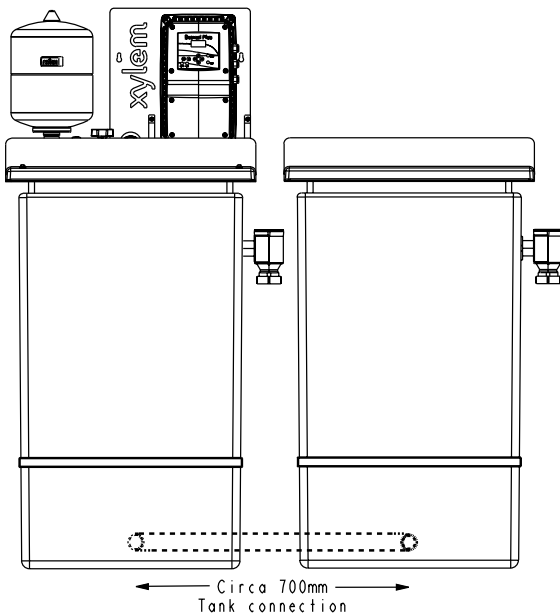


Scan the QR code to discover more about the Resvari Plus range.

Modular Design

The Resvari Plus is based on a modular design, meaning the head unit is a single part number regardless of the size of pump in the tank. This **head is stocked in the UK and can be purchased as a stand alone item.**

This allows the installer to use a pre-existing tank on site to upgrade from a traditional fixed-speed surface-mounted pump, to a more compact and efficient variable-speed system.



Assist Tank

For applications which require a **larger storage capacity**, a 250L Assist tank can be purchased and installed alongside the Resvari Plus. This takes the total nominal volume of the unit up to 500L, perfect for sustained high volume requirement such as schools and sports halls, where water is required for longer periods of time compared to a traditional domestic dwelling.

A simple length of pipework can be fitted to the bottom of the tank to ensure that water flows between the two tanks.

Installation example shown on the left

Two Resvari Plus units can be set up in **Duty/Assist** or **Duty/Standby** configurations depending on the requirements of the application.

This allows the end user to have a standby unit if the pump was to encounter a failure, or to assist in providing additional performance due to peak load.

The drive will also rotate duty, ensuring even wear across both pumps. All it requires is a link cable between the drives and a quick change in the drives settings.



Discover the NEW Resvari Plus D model

The ultimate twin-pump booster set with Duty/Standby and Duty/Assist controls to increase performance and optimise reliability.

The Resvari Plus D is a compact, variable-speed break tank booster set designed to deliver high performance and energy-efficiency for domestic, light commercial, and washdown applications.

Powered by **Lowara SCUBA submersible pumps** and an integrated drive, it delivers **up to 70% energy savings** compared to fixed-speed systems.

Need more muscle? The dual-pump configuration (Duty/Assist or Duty/Standby) ensures peak performance and built-in redundancy for total peace of mind.

And the best part? With a footprint no bigger than a washing machine, Resvari Plus D slides through standard doorways and fits into tight spaces – no disassembly required!



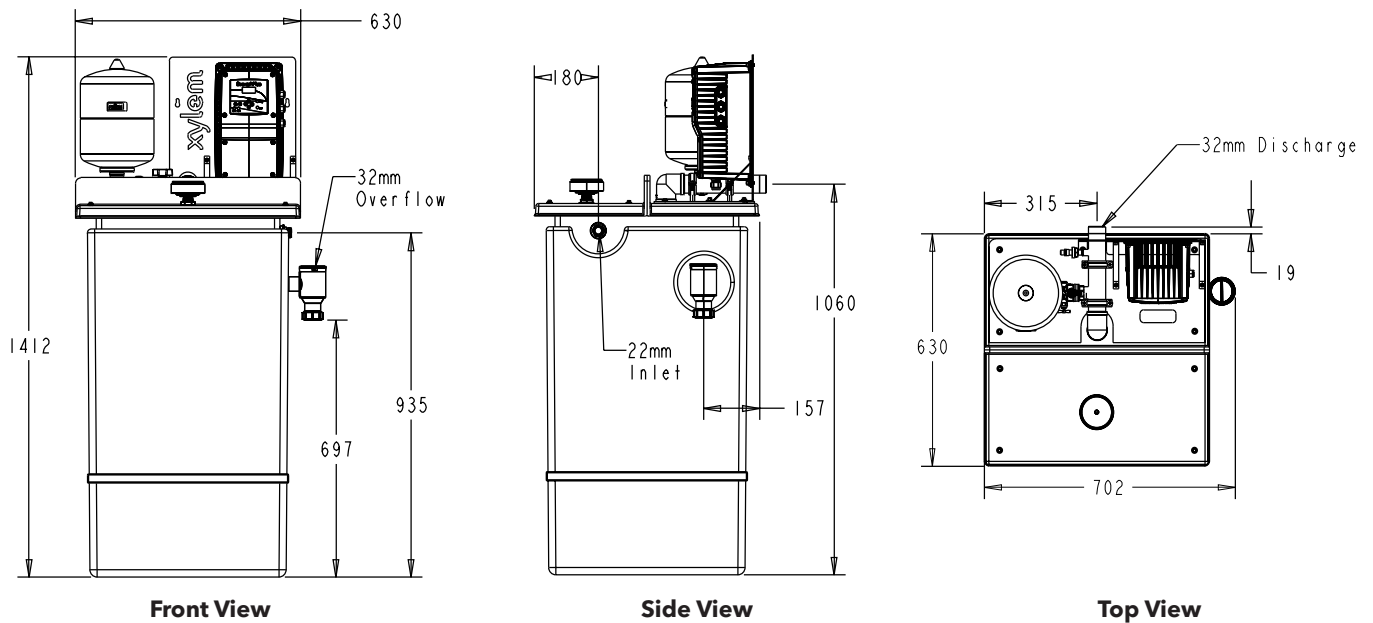
Scan the QR code to discover more about the Resvari Plus D range

Features

- Performance: 8 models in total: 4x3 m³/h & 4x5 m³/h; Range from 2 bar to 5 bar at best-efficiency point)
- Modular design: Tank sizes from 500L to 1500L
- Suitable for potable water: **Lowara SCUBA pumps** (WRAS-approved) + Stainless Steel and Brass wet parts
- CAT5 compliant break tank with AB air gap for backflow protection into the mains
- Standard volt-free contact on fault to use with local BMS system.

Dimensions

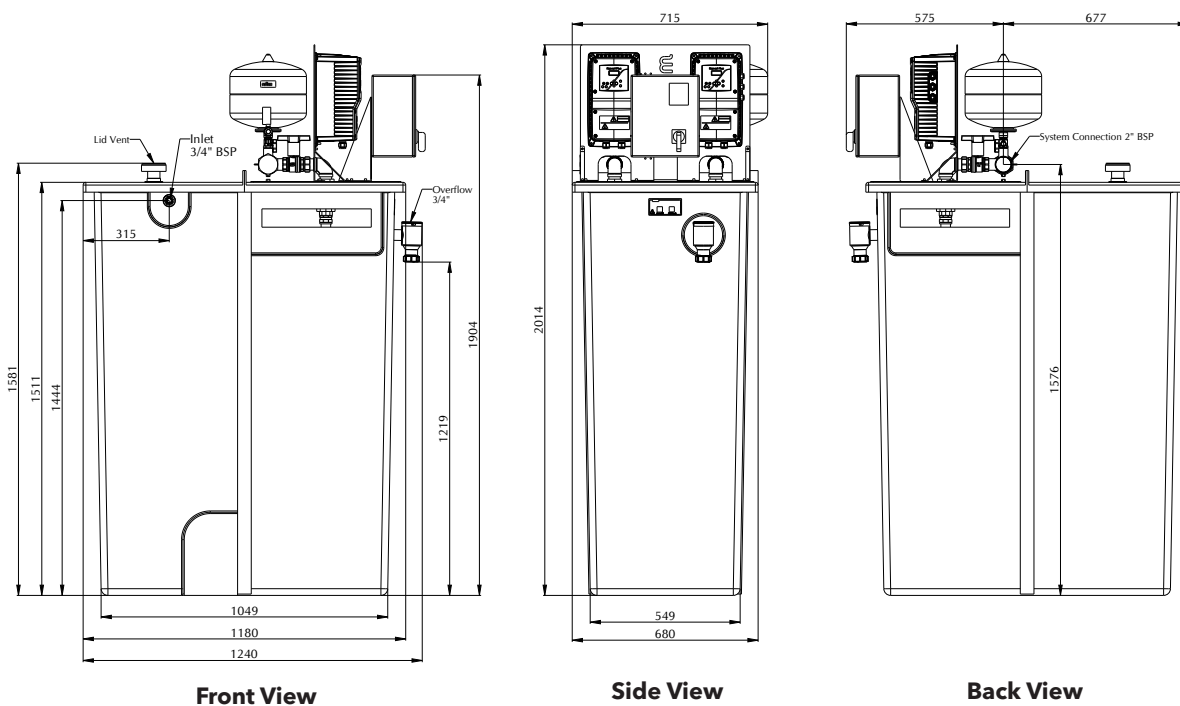
Resvari S models



Please note:

- Discharge positioned on the back of the tank
- Inlet and Overflow (with strainer basket), located on the right hand side
- CAT5 compliant, Weir overflow on left-hand side

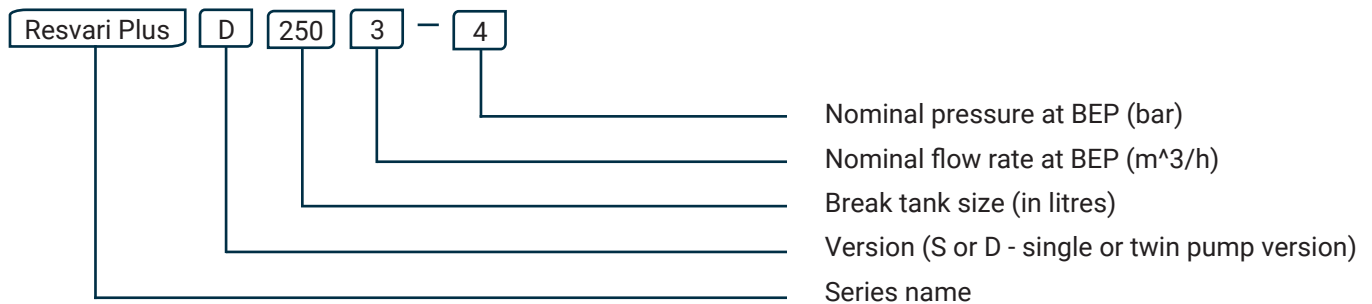
Resvari D models



Resvari Plus Range Details

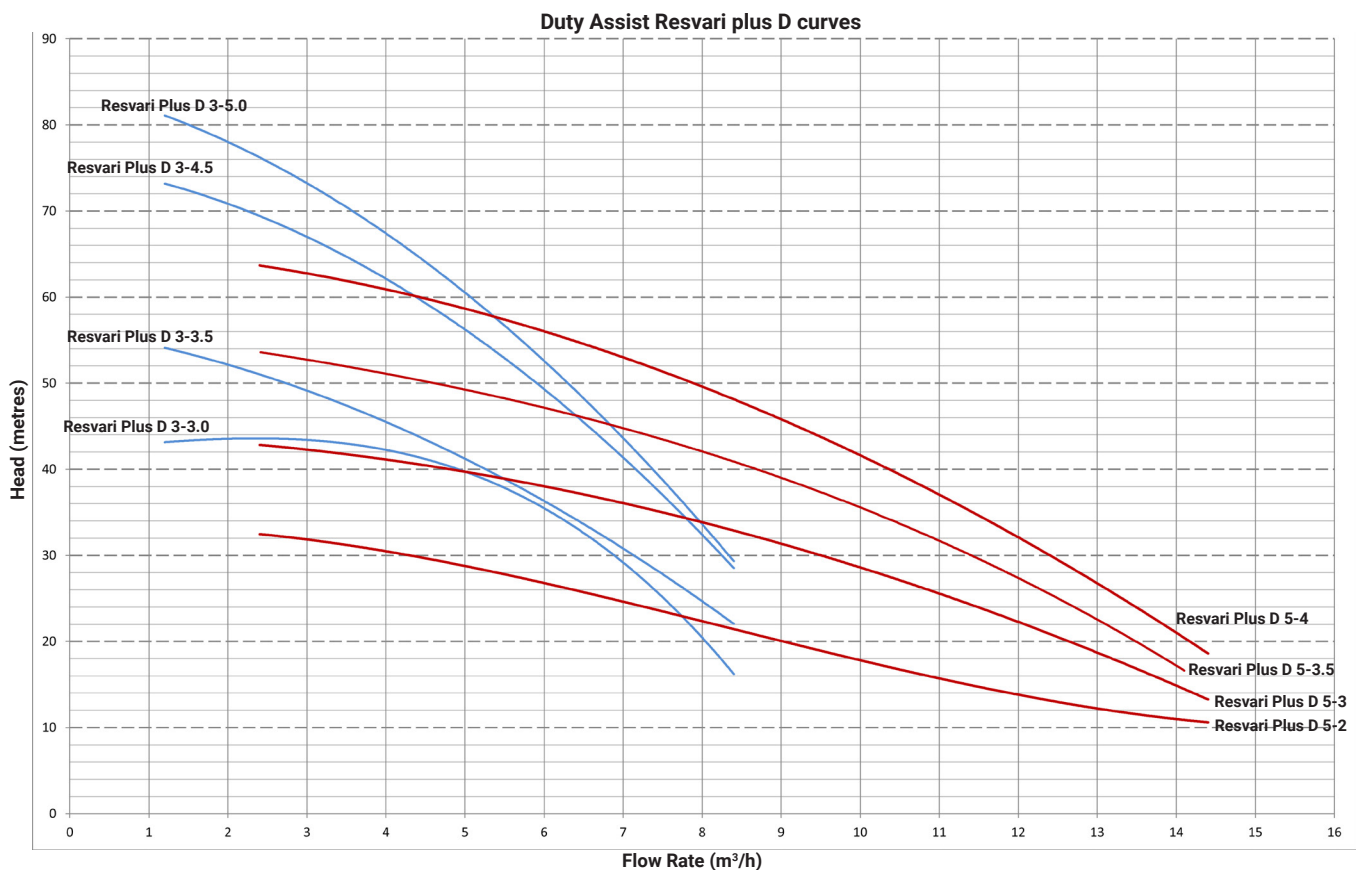
Model	Pump	Part number	Tank Size (L)	Electrical Supply	Motor Size (kW)	Full Load current (A)
RESVARI PLUS S 250 3-3	3SC4/05/5 C L05	135G01001	250	240/1/50	0.55	4.06
RESVARI PLUS S 250 3-3.5	3SC5/07/5 C L05	135G01002	250	240/1/50	0.7	4.8
RESVARI PLUS S 250 3-4.5	3SC7/09/5 C L05	135G01003	250	240/1/50	0.9	5.88
RESVARI PLUS S 250 3-5	3SC8/11/5 C L05	135G01004	250	240/1/50	1.1	6.85
RESVARI PLUS S 250 5-2	5SC3/05/5 C L05	135G01005	250	240/1/50	0.55	4.08
RESVARI PLUS S 250 5-3	5SC4/07/5 C L05	135G01006	250	240/1/50	0.7	4.98
RESVARI PLUS S 250 5-3.5	5SC5/09/5 C L05	135G01007	250	240/1/50	0.9	5.72
RESVARI PLUS S250 5-4	5SC6/11/5 C L05	135G01008	250	240/1/50	1.1	6.9
RESVARI PLUS D 500 3-3	3SC4/05/5 C L05	135G01049	500	240/1/50	0.55 x 2	8.1
RESVARI PLUS D 500 3-3.5	3SC5/07/5 C L05	135G01050	500	240/1/50	0.7 x 2	9.6
RESVARI PLUS D 500 3-4.5	3SC7/09/5 C L05	135G01051	500	240/1/50	0.9 x 2	12
RESVARI PLUS D 500 3-5	3SC8/11/5 C L05	135G01052	500	240/1/50	1.1 x 2	14
RESVARI PLUS D 500 5-2	5SC3/05/5 C L05	135G01053	500	240/1/50	0.55 x 2	8.2
RESVARI PLUS D 500 5-3	5SC4/07/5 C L05	135G01054	500	240/1/50	0.7 x 2	10
RESVARI PLUS D 500 5-3.5	5SC5/09/5 C L05	135G01055	500	240/1/50	0.9 x 2	11
RESVARI PLUS D 500 5-4	5SC6/11/5 C L05	135G01056	500	240/1/50	1.1 x 2	14
RESVARI PLUS D 750 3-3	3SC4/05/5 C L05	135G01057	750	240/1/50	0.55 x 2	8.1
RESVARI PLUS D 750 3-3.5	3SC5/07/5 C L05	135G01058	750	240/1/50	0.7 x 2	9.6
RESVARI PLUS D 750 3-4.5	3SC7/09/5 C L05	135G01059	750	240/1/50	0.9 x 2	12
RESVARI PLUS D 750 3-5	3SC8/11/5 C L05	135G01060	750	240/1/50	1.1 x 2	14
RESVARI PLUS D 750 5-2	5SC3/05/5 C L05	135G01061	750	240/1/50	0.55 x 2	8.2
RESVARI PLUS D 750 5-3	5SC4/07/5 C L05	135G01062	750	240/1/50	0.7 x 2	10
RESVARI PLUS D 750 5-3.5	5SC5/09/5 C L05	135G01063	750	240/1/50	0.9 x 2	11
RESVARI PLUS D 750 5-4	5SC6/11/5 C L05	135G01064	750	240/1/50	1.1 x 2	14
RESVARI PLUS D 1000 3-3	3SC4/05/5 C L05	135G01065	1000	240/1/50	0.55 x 2	8.1
RESVARI PLUS D 1000 3-3.5	3SC5/07/5 C L05	135G01066	1000	240/1/50	0.7 x 2	9.6
RESVARI PLUS D 1000 3-4.5	3SC7/09/5 C L05	135G01067	1000	240/1/50	0.9 x 2	12
RESVARI PLUS D 1000 3-5	3SC8/11/5 C L05	135G01068	1000	240/1/50	1.1 x 2	14
RESVARI PLUS D 1000 5-2	5SC3/05/5 C L05	135G01069	1000	240/1/50	0.55 x 2	8.2
RESVARI PLUS D 1000 5-3	5SC4/07/5 C L05	135G01070	1000	240/1/50	0.7 x 2	10
RESVARI PLUS D 1000 5-3.5	5SC5/09/5 C L05	135G01071	1000	240/1/50	0.9 x 2	11
RESVARI PLUS D 1000 5-4	5SC6/11/5 C L05	135G01072	1000	240/1/50	1.1 x 2	14
RESVARI PLUS D 1250 3-3	3SC4/05/5 C L05	135G01073	1250	240/1/50	0.55 x 2	8.1
RESVARI PLUS D 1250 3-3.5	3SC5/07/5 C L05	135G01074	1250	240/1/50	0.7 x 2	9.6
RESVARI PLUS D 1250 3-4.5	3SC7/09/5 C L05	135G01075	1250	240/1/50	0.9 x 2	12
RESVARI PLUS D 1250 3-5	3SC8/11/5 C L05	135G01076	1250	240/1/50	1.1 x 2	14
RESVARI PLUS D 1250 5-2	5SC3/05/5 C L05	135G01077	1250	240/1/50	0.55 x 2	8.2
RESVARI PLUS D 1250 5-3	5SC4/07/5 C L05	135G01078	1250	240/1/50	0.7 x 2	10
RESVARI PLUS D 1250 5-3.5	5SC5/09/5 C L05	135G01079	1250	240/1/50	0.9 x 2	11
RESVARI PLUS D 1250 5-4	5SC6/11/5 C L05	135G01080	1250	240/1/50	1.1 x 2	14
RESVARI PLUS D 1500 3-3	3SC4/05/5 C L05	135G01081	1500	240/1/50	0.55 x 2	8.1
RESVARI PLUS D 1500 3-3.5	3SC5/07/5 C L05	135G01082	1500	240/1/50	0.7 x 2	9.6
RESVARI PLUS D 1500 3-4.5	3SC7/09/5 C L05	135G01083	1500	240/1/50	0.9 x 2	12
RESVARI PLUS D 1500 3-5	3SC8/11/5 C L05	135G01084	1500	240/1/50	1.1 x 2	14
RESVARI PLUS D 1500 5-2	5SC3/05/5 C L05	135G01085	1500	240/1/50	0.55 x 2	8.2
RESVARI PLUS D 1500 5-3	5SC4/07/5 C L05	135G01086	1500	240/1/50	0.7 x 2	10
RESVARI PLUS D 1500 5-3.5	5SC5/09/5 C L05	135G01087	1500	240/1/50	0.9 x 2	11
RESVARI PLUS D 1500 5-4	5SC6/11/5 C L05	135G01088	1500	240/1/50	1.1 x 2	14

Nomenclature



Performance Plus D models

Performance curves below shown at full speed 50 Hz 240 V / Single phase



Pump Specification

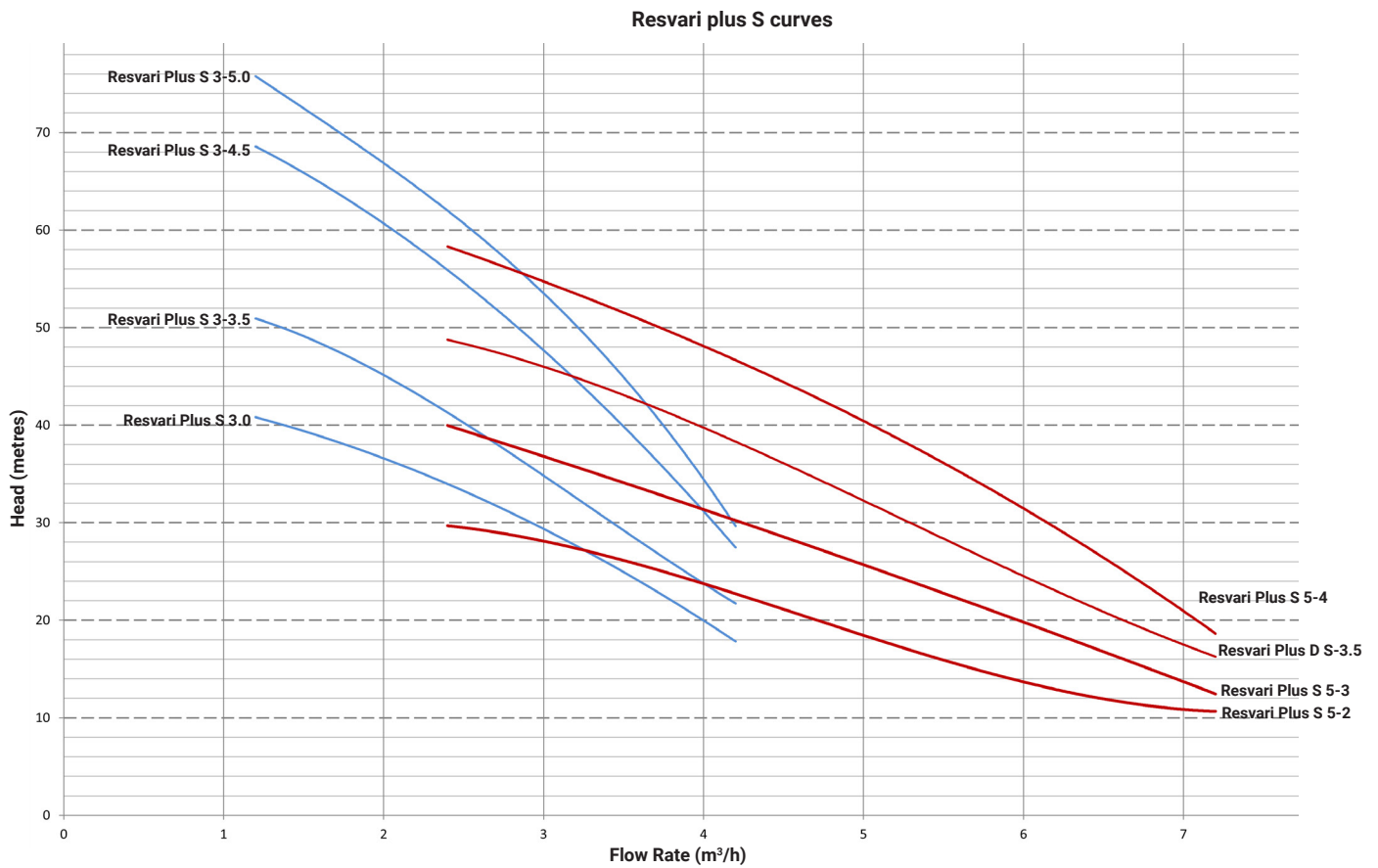
- Motor Protection: IP68
- Voltage: 240 volt
- Frequency: 50hz
- Motor Efficiency: IE3
- Temp of pumped liquid: 0°C to +40°C

Pump Materials

- Body: Stainless steel
- Diffuser: Stainless steel
- Mech Seal: Silicon carbide / NBR
- Impeller: Technopolymer (Plastic)
- Cable: H07RN-F Rubber

Performance Plus S models

Performance curves below shown at full speed 50 Hz 240 V / Single phase



Set Specification

- Pressure vessel Size: 8L
- Pressure vessel rating: 10 bar
- Backflow Protection: CAT5
- Air Gap: Type AB Air gap
- Outlet size: 32mm

Set Materials

- Break tank: Fibreglass (GRP)
- Manifold: Stainless steel
- NRV: Brass



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