

Trebles Own-Built Product Guide



Contents

- 03 | Company Overview
- 04 | EcoBoost
- 22 | EcoPlus
- 24 | Compact
- 28 | Q-Tank
- 34 | Trident
- 42 | Plant Tank
- 46 | PressBox
- 50 | PressBox Mini



Interested in a specific product?
Click to go straight to the page.

- 54 | PH Range
- 56 | RAC Packs
- 60 | Packaged Plant Rooms
- 62 | Skids
- 64 | Bespoke Designs
- 66 | Case Study
- 67 | Conversion Tables



To easily navigate this brochure,
use our handy interactive buttons.

Company Overview

Established in 1966, Trebles has over 55 years of experience in the pump and fluid circulation industry. Trebles is still the largest independently owned pump distributor and fluid circulation specialist in the UK.

Trebles' expertise extends beyond pump variations and brands, collaborating with over 50 suppliers for fluid circulation products across domestic, commercial, and industrial sectors.

The team's 500+ years of collective pumping experience underpins their technical proficiency. Operating from a national distribution and manufacturing facility based in Wolverhampton, Trebles not only distributes pumps nationwide but also provides comprehensive service, maintenance, and in-house manufacturing.

With a substantial £3.5m UK stock holding, Trebles prioritises key products for swift, diverse applications. Trebles' innovative contributions include the EcoBoost and EcoPlus booster sets.

Trebles' UK-wide service team excels in emergency breakdowns, commissioning, maintenance, and repairs, supported by a network of engineers. With an extensive spare parts inventory, Trebles ensures the feasibility of pump repairs, earning the trust of industry leaders.

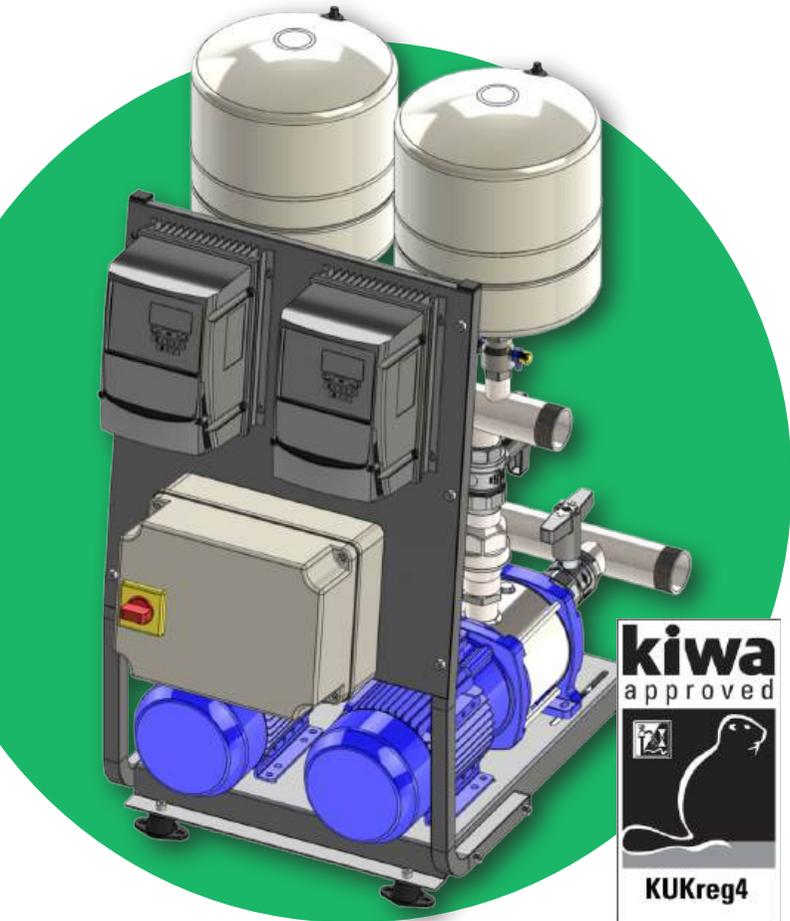
The manufacturing and engineering department specialises in bespoke booster sets, catering to unusual requirements such as restricted space or fitting with existing pipework.

Alongside booster sets, Trebles' production team also build skids and plant rooms; with skids being worked on daily within our production site. As one of Trebles' most popular offerings, skids have all the benefits of package plant rooms, just without the walls and give a smaller footprint.



EcoBoost

Booster Set



- ✓ 2 Pump / 3 Pump
- ✓ Duty/Standby with Assist
- ✓ 230V / 400V
- ✓ Auto Changeover
- ✓ Variable Speed
- ✓ Constant Pressure
- ✓ Flow-Through Vessels
- ✓ Anti-Vibration Mounts
- ✓ Dry Run Protection
- ✓ Volt-Free Contacts for BMS
- ✓ Overload Protection
- ✓ 2-Year Guarantee

The EcoBoost seamlessly blends energy efficiency with high performance while minimising space requirements. Drawing on over 55 years of expertise, this unit offers a straightforward, high-quality solution for your water-boosting needs.

Once installed, the EcoBoost system continuously monitors pressure using a pressure transducer. When an outlet is opened and a pressure drop is detected, the unit automatically activates to maintain the desired set point. Variable speed drives adjust the pump speed as needed, resulting in significant energy savings compared to traditional pump control methods.

The EcoBoost range features the latest horizontal multistage stainless steel pumps, paired with IE3 motors that meet BS EN standards, ensuring comfort, reliability, and optimal energy efficiency. With a broad selection of pumps, options, and accessories, we can customise an EcoBoost unit to fit your specific requirements.

General Characteristics

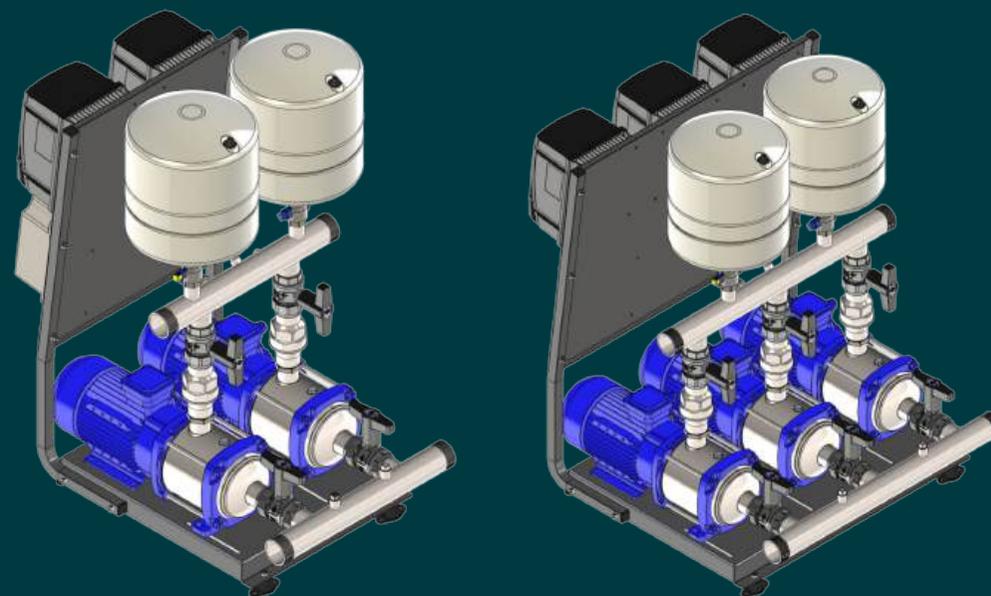
		5221	5222
General	Pumps	2	3
	Mounting	Floor Mounted	
	Potable Water	Yes	
Operating Conditions	Pressure Rating	PN10	
	Ambient Temperature	-15°C / 50°C	
	Water Temperature	-10°C / 60°C	
	Relative Humidity	95% non-condensing	
Materials	Manifolds	AISI 304	
	Check Valves	AISI 304	
	Isolation Valves	CW617N UNI EN 12165	
	FlowThru Valve	CW617N UNI EN 12165	
	Fittings	AISI 304 / AISI 316	
	Transducer	AISI 304	
	Pressure Gauge	Brass Connection	
	Base / Frame	Mild Steel, Powder Coated (RAL 7016)	

Connections	3HM	5HM	10HM	15HM	22HM
Inlet	1-1/4" Male BSP	1-1/2" Male BSP	2" Male BSP	2-1/2" Male BSP	
Outlet					
Vessel	1" Female BSP				
Spare Ports	1/4" Female BSP				

Motor Noise 2-Pole											
Power (kW)	0.3	0.4	0.5	0.55	0.75	0.95	1.1	1.5	2.2	3.0	4.0
Noise LpA (dB)	52			55				60			

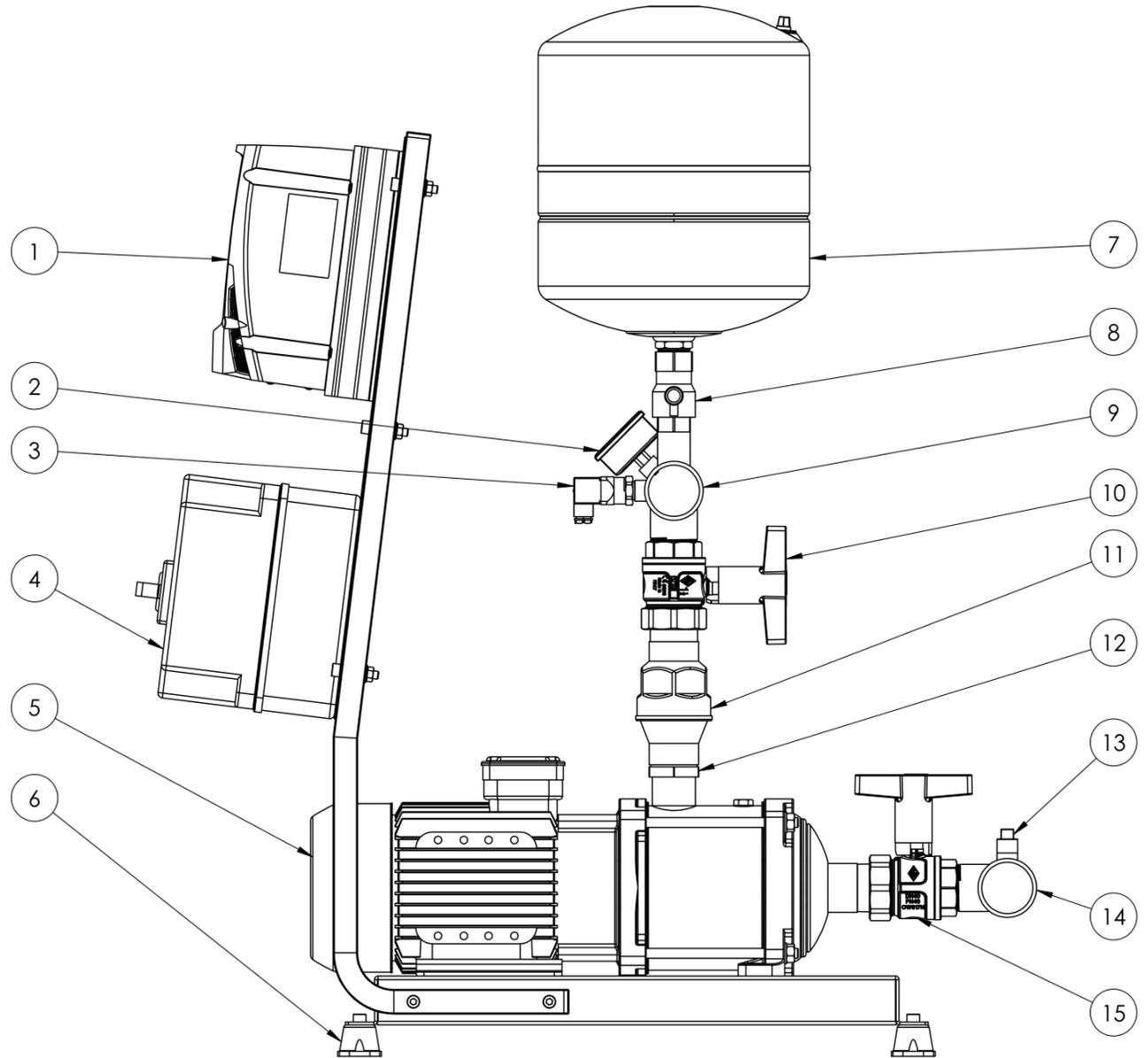
Identification

Example Model Code: 5221-10HM04S-INV/1									
5221	-	10	HM	04	S	-	INV	/	1
5221 2-Pump		Flow Rate (m3/hr)	H Horizontal		Impeller Material S = AISI 304 N = AISI 316 P = Noryl		Control Method INV Variable Speed FS Fixed Speed		Supply Voltage 1 = 230V Single Phase 3 = 400V Three Phase
5222 3-Pump		Per Pump	M Multi-stage	Number of Impellers					

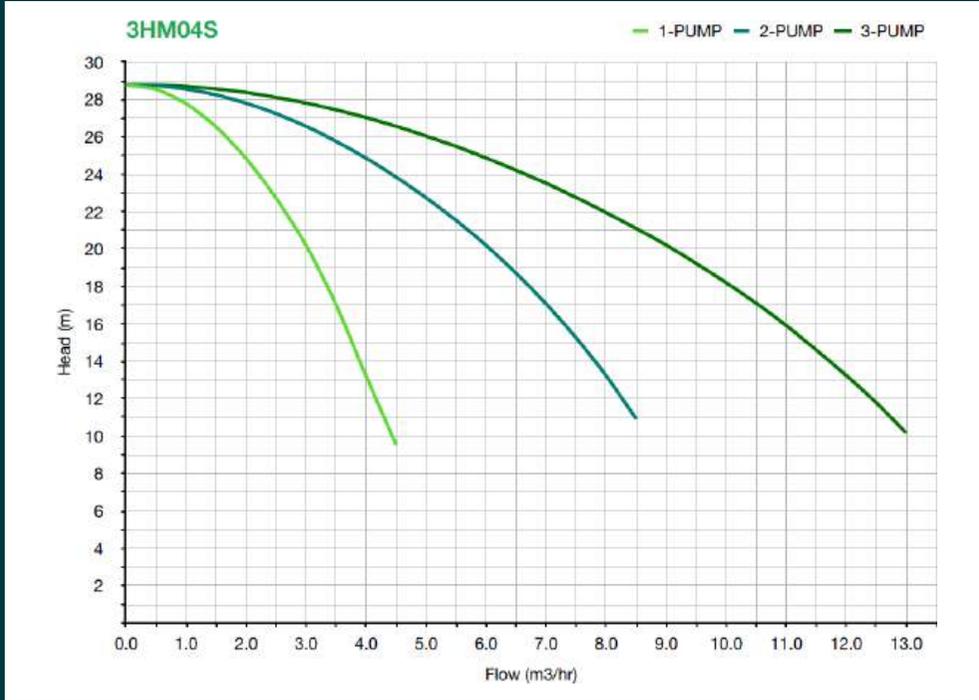


Components

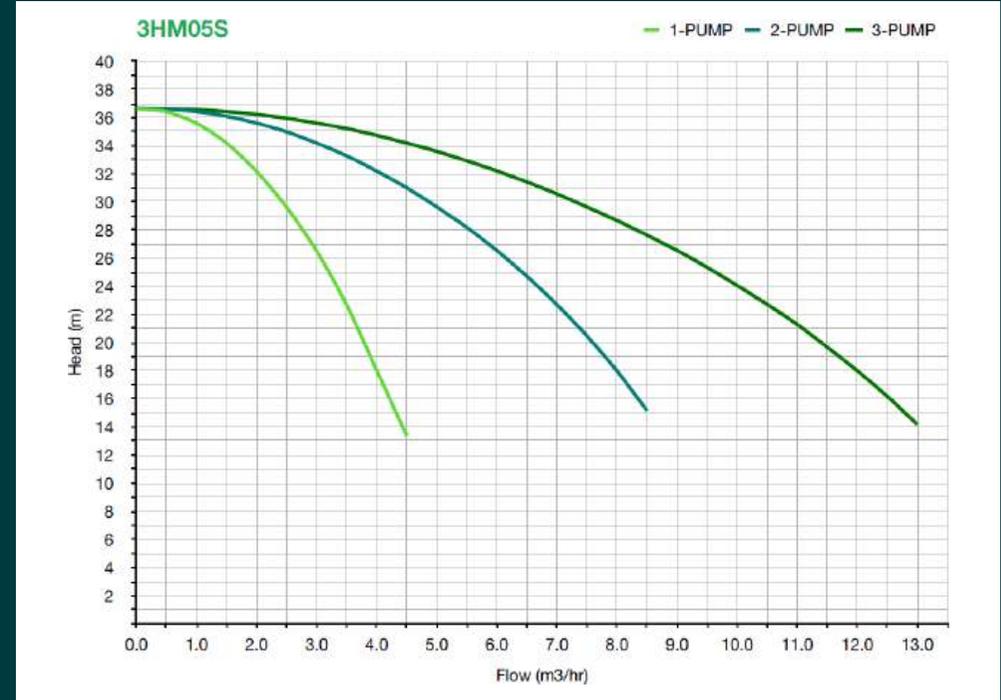
1	Variable Speed Inverter
2	Pressure Gauge
3	Pressure Transducer
4	Control Panel with Isolator
5	Horizontal Multi-Stage Pump
6	Anti-Vibration Mounts
7	Pressure Vessel (18L / 10 Bar)
8	FlowThru Adaptor Valve
9	Outlet Manifold
10	Isolation Valve
11	Check Valve
12	Hex Nipple
13	Hex Plug
14	Inlet Manifold
15	Isolation Valve
2 x BSP Manifold Caps (supplied loose)	



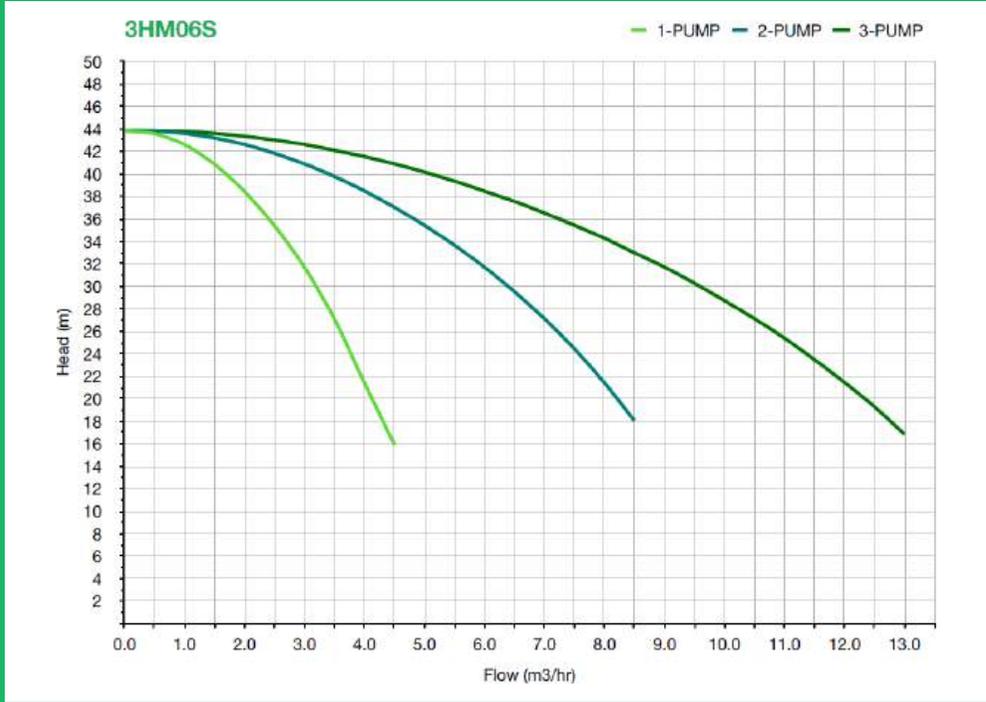
Performance



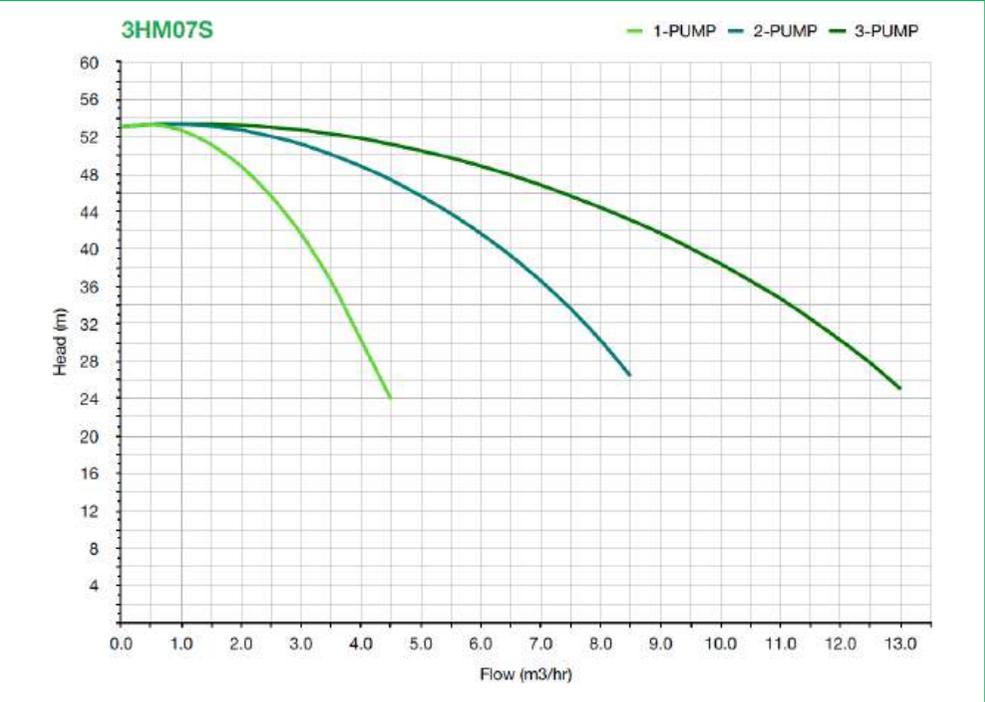
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	8.8 m ³ /hr	13.2 m ³ /hr
	Head (Q=0)	29m	
	Head (Qmax)	9.6m	
	Head (Qmin)	19m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	0.6	0.9
	Full Load Current (A)	7.2	10.2
Electrical 400V	Supply	400/3/50	
	Power (kW)	0.6	0.9
	Full Load Current (A)	3.0	4.1



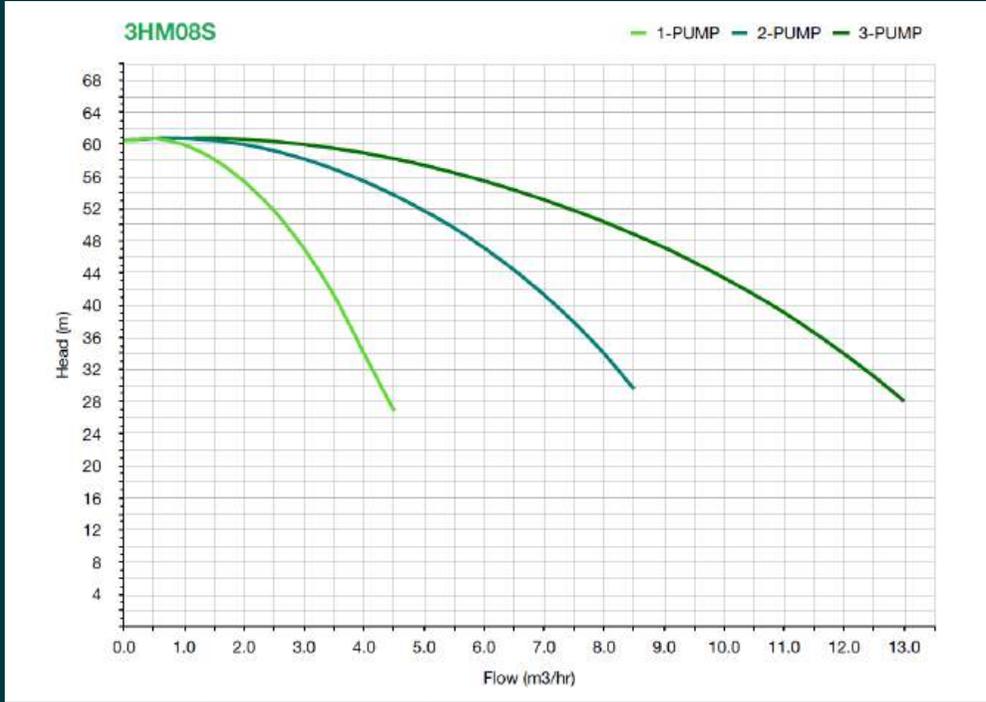
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	8.8 m ³ /hr	13.2 m ³ /hr
	Head (Q=0)	37m	
	Head (Qmax)	13.4m	
	Head (Qmin)	27m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	0.8	1.2
	Full Load Current (A)	9.7	14.0
Electrical 400V	Supply	400/3/50	
	Power (kW)	0.8	1.2
	Full Load Current (A)	3.9	5.3



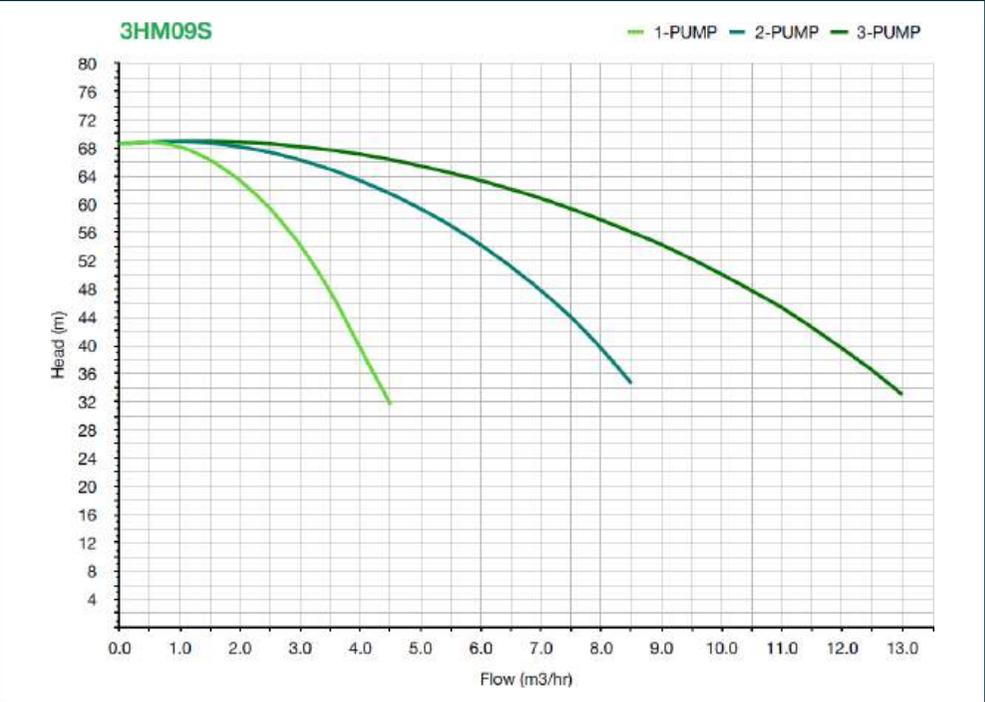
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	8.8 m ³ /hr	13.2 m ³ /hr
	Head (Q=0)	44m	
	Head (Qmax)	15.9m	
	Head (Qmin)	34m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	1.0	1.5
	Full Load Current (A)	10.5	15.2
Electrical 400V	Supply	400/3/50	
	Power (kW)	1.0	1.5
	Full Load Current (A)	4.2	5.7



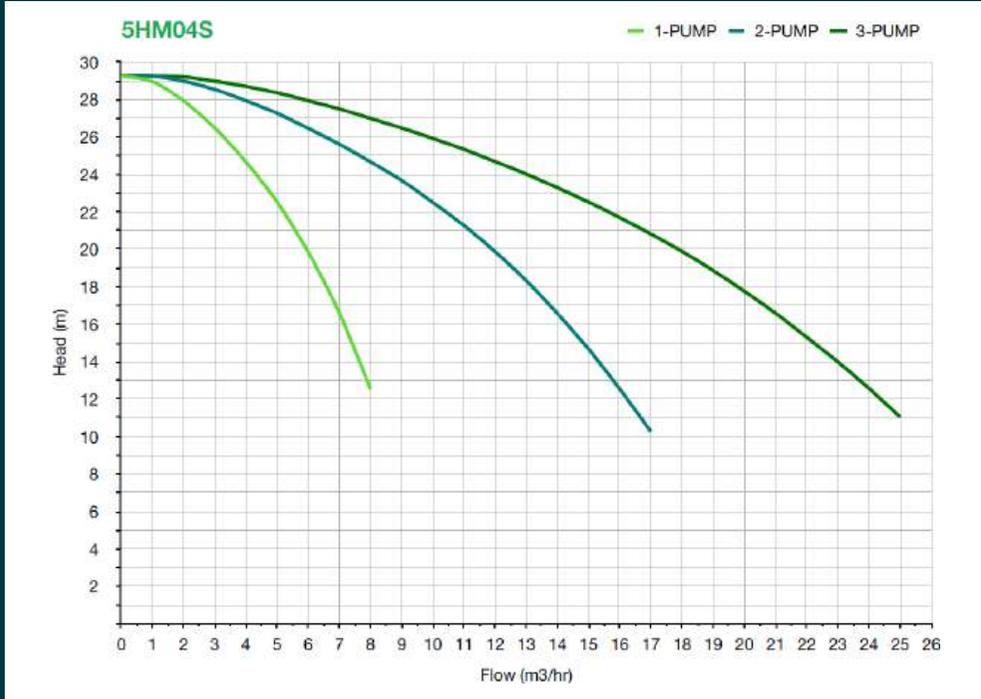
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	8.8 m ³ /hr	13.2 m ³ /hr
	Head (Q=0)	53m	
	Head (Qmax)	24m	
	Head (Qmin)	43m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	10.2	14.8
Electrical 400V	Supply	400/3/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	4.1	5.6



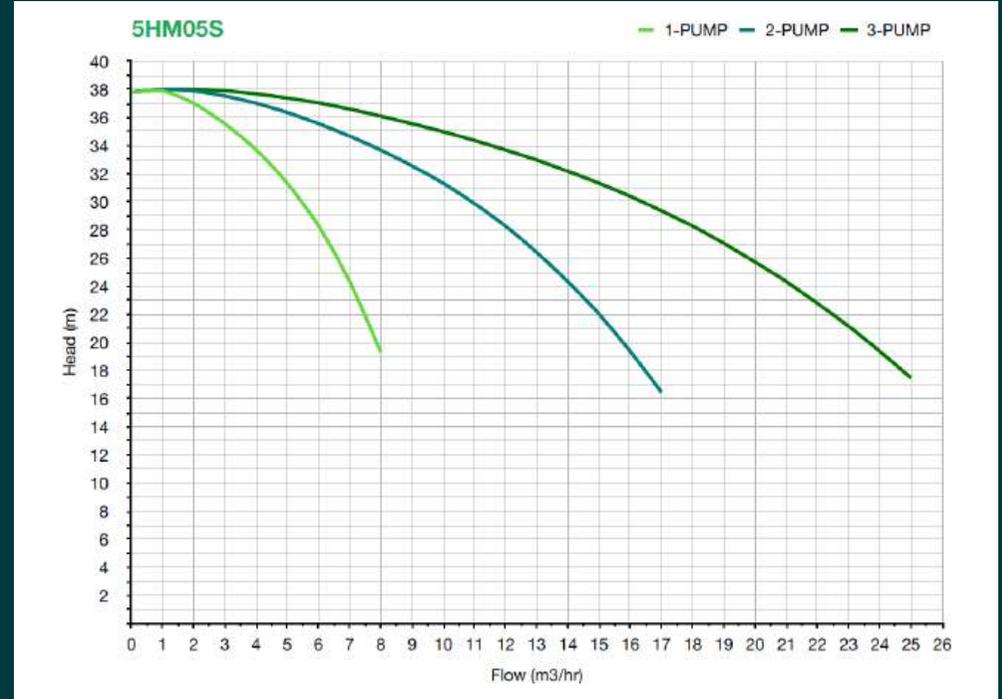
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	8.8 m ³ /hr	13.2 m ³ /hr
	Head (Q=0)	60m	
	Head (Qmax)	26.8m	
	Head (Qmin)	50m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	10.8	15.7
Electrical 400V	Supply	400/3/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	4.3	5.9



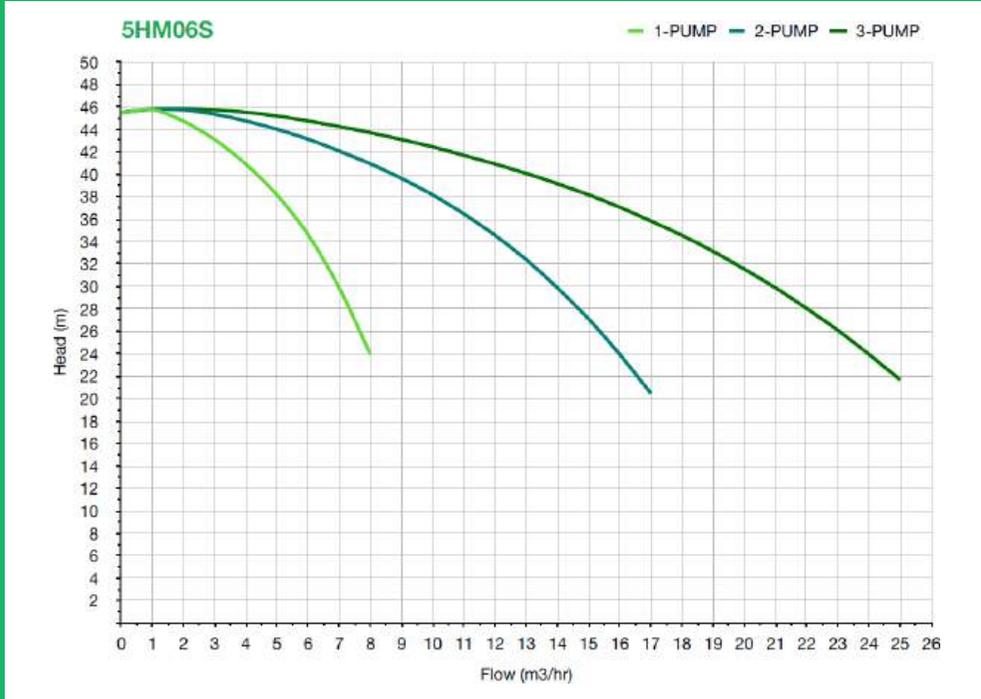
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	8.8 m ³ /hr	13.2 m ³ /hr
	Head (Q=0)	68m	
	Head (Qmax)	31.5m	
	Head (Qmin)	58m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	13.0	19.1
Electrical 400V	Supply	400/3/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	5.0	7.1



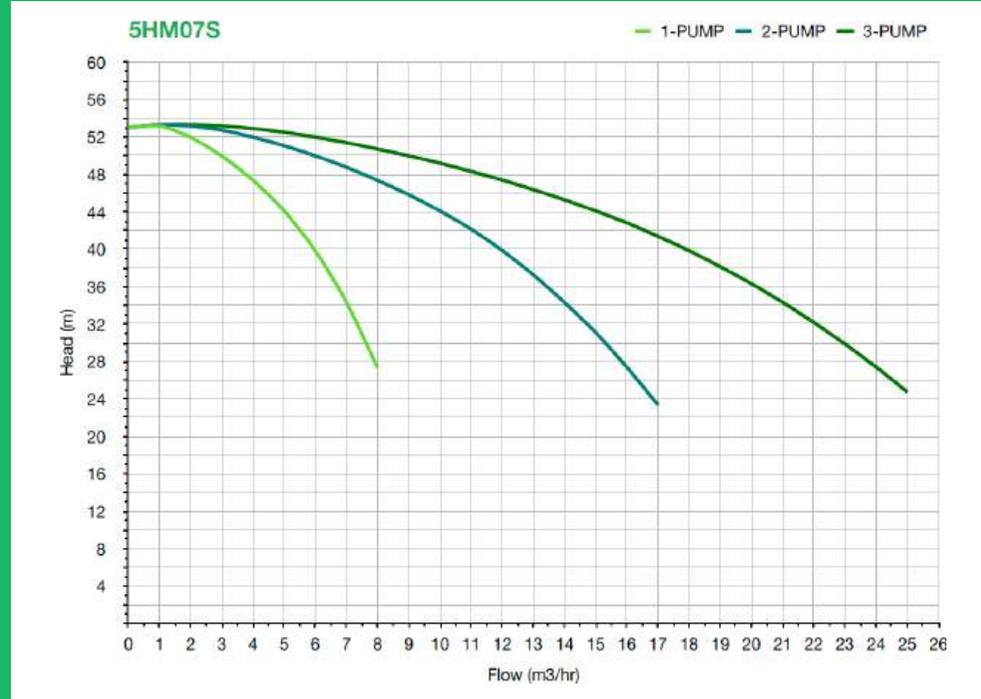
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	17 m ³ /hr	25.5 m ³ /hr
	Head (Q=0)	29m	
	Head (Qmax)	10.2m	
	Head (Qmin)	18m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	1.0	1.5
	Full Load Current (A)	10.6	15.4
Electrical 400V	Supply	400/3/50	
	Power (kW)	1.0	1.5
	Full Load Current (A)	4.2	5.8



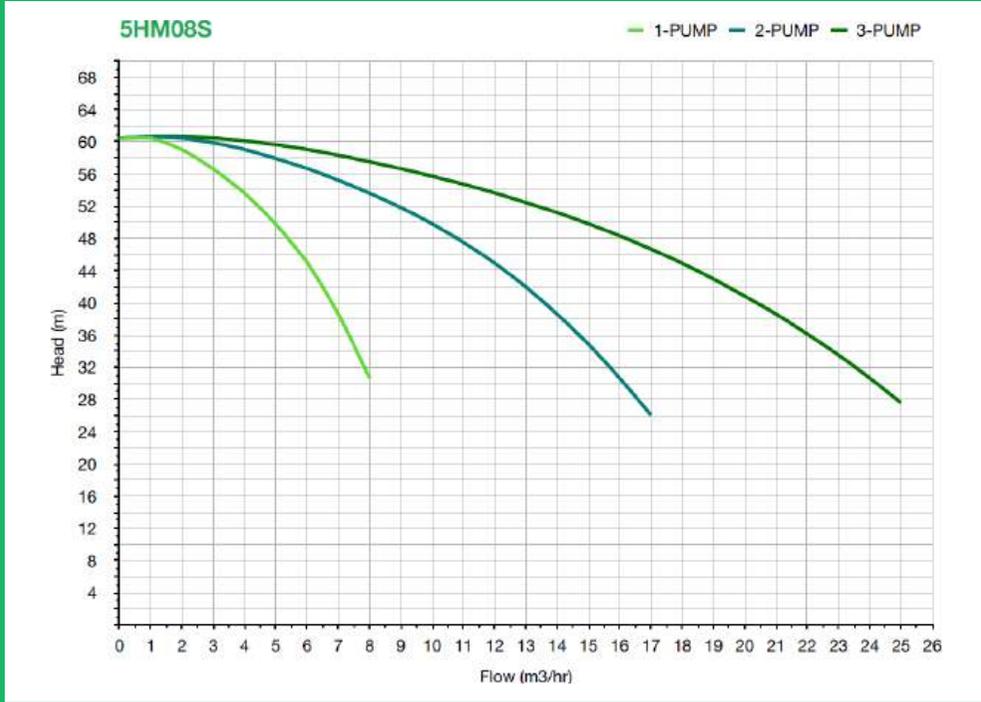
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	17 m ³ /hr	25.5 m ³ /hr
	Head (Q=0)	38m	
	Head (Qmax)	16.4m	
	Head (Qmin)	28m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	10.8	15.7
Electrical 400V	Supply	400/3/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	4.3	5.9



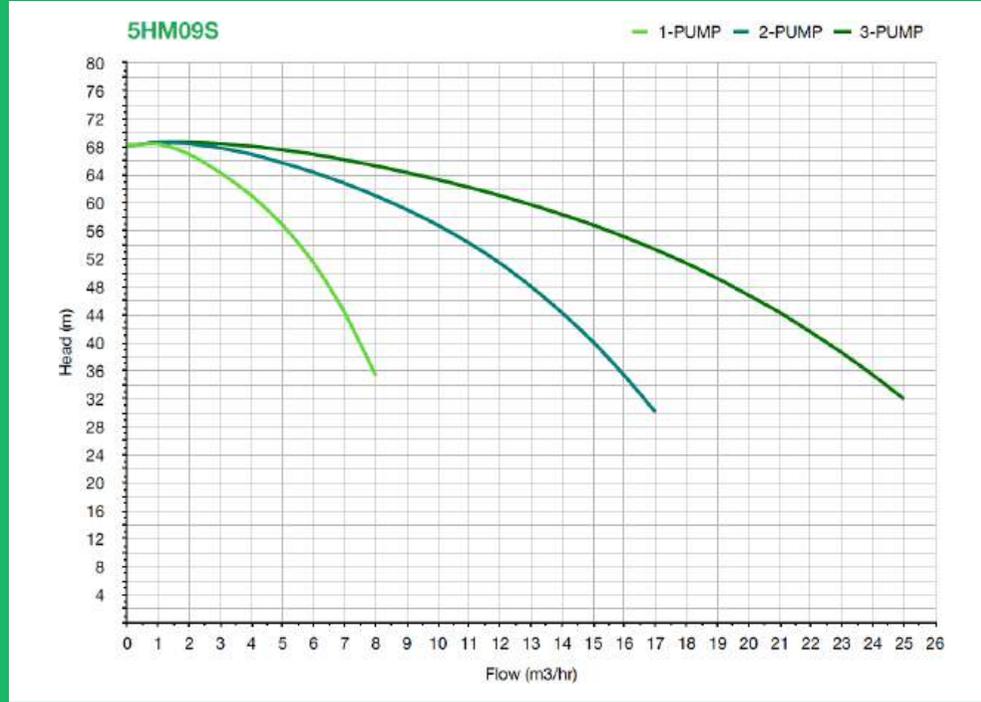
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	17 m ³ /hr	25.5 m ³ /hr
	Head (Q=0)	46m	
	Head (Qmax)	20.4m	
	Head (Qmin)	36m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	13.5	19.7
Electrical 400V	Supply	400/3/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	5.2	7.2



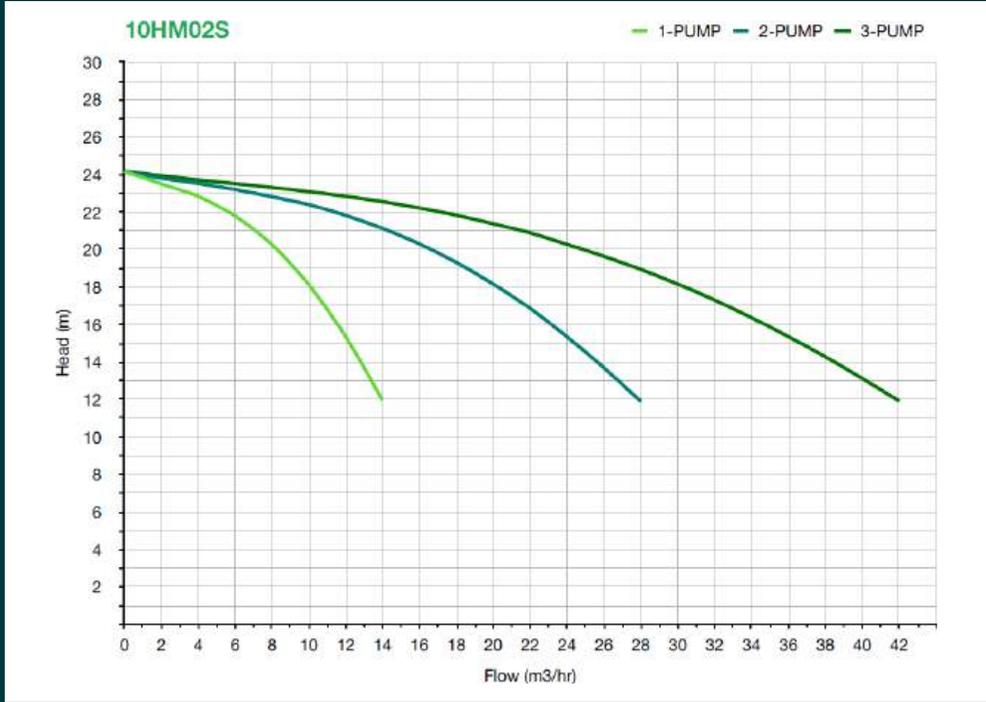
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	17 m ³ /hr	25.5 m ³ /hr
	Head (Q=0)	53m	
	Head (Qmax)	23.2m	
	Head (Qmin)	43m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	14.4	21.2
Electrical 400V	Supply	400/3/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	5.5	7.7



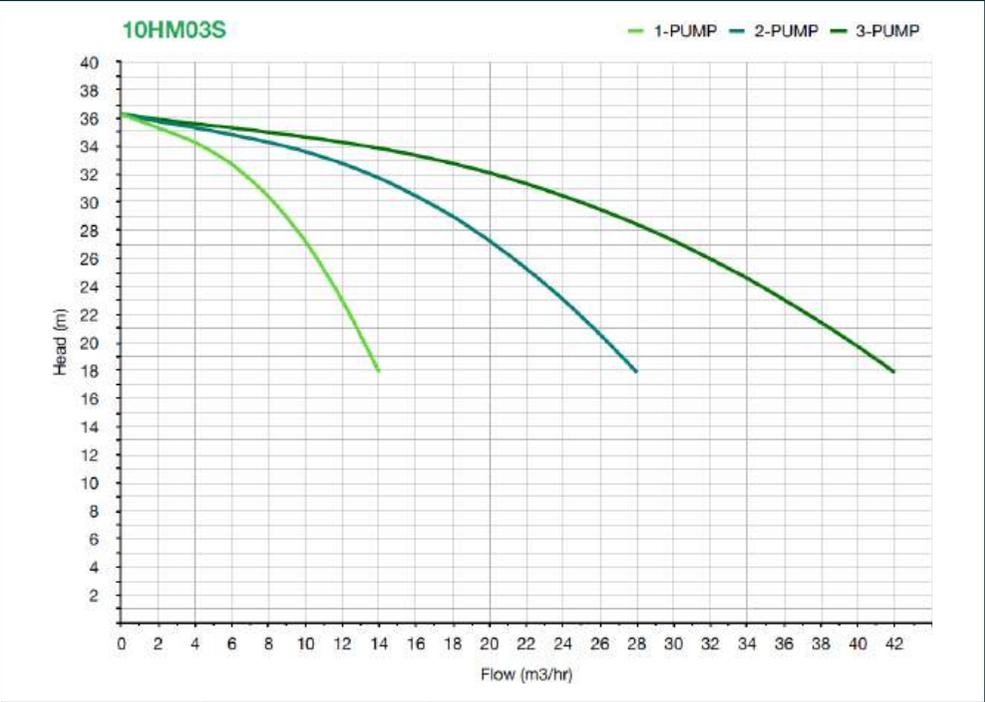
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	17 m3/hr	25.5 m3/hr
	Head (Q=0)	60m	
	Head (Qmax)	25.9m	
	Head (Qmin)	50m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	15.5	22.7
Electrical 400V	Supply	400/3/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	5.8	8.2



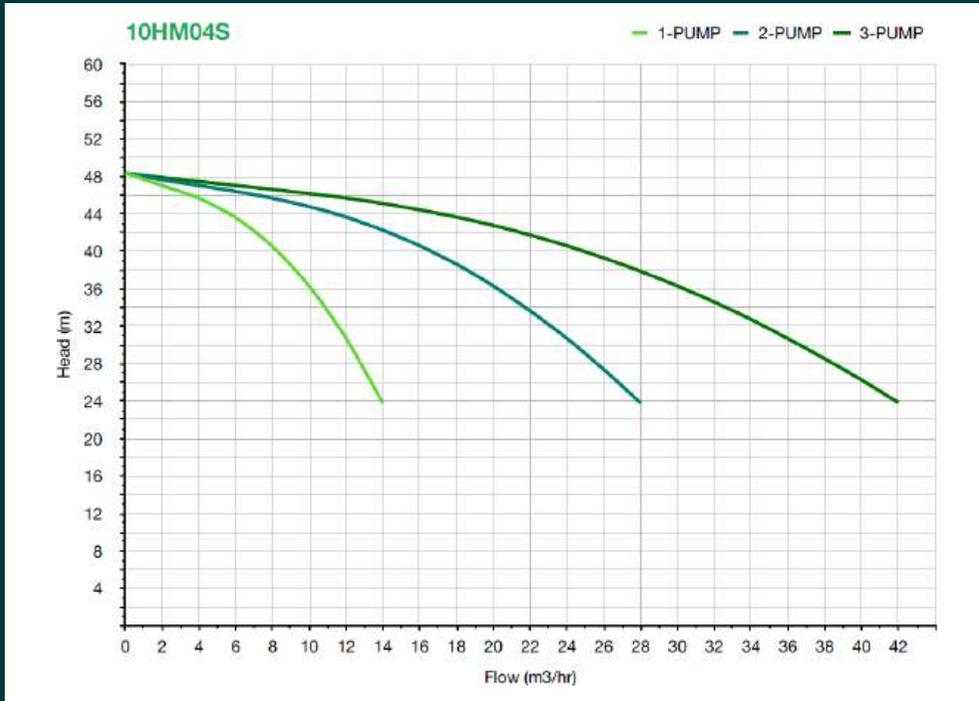
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	17 m3/hr	25.5 m3/hr
	Head (Q=0)	68m	
	Head (Qmax)	30m	
	Head (Qmin)	58m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	3.0	4.5
	Full Load Current (A)	18.2	26.8
Electrical 400V	Supply	400/3/50	
	Power (kW)	3.0	4.5
	Full Load Current (A)	6.7	9.6



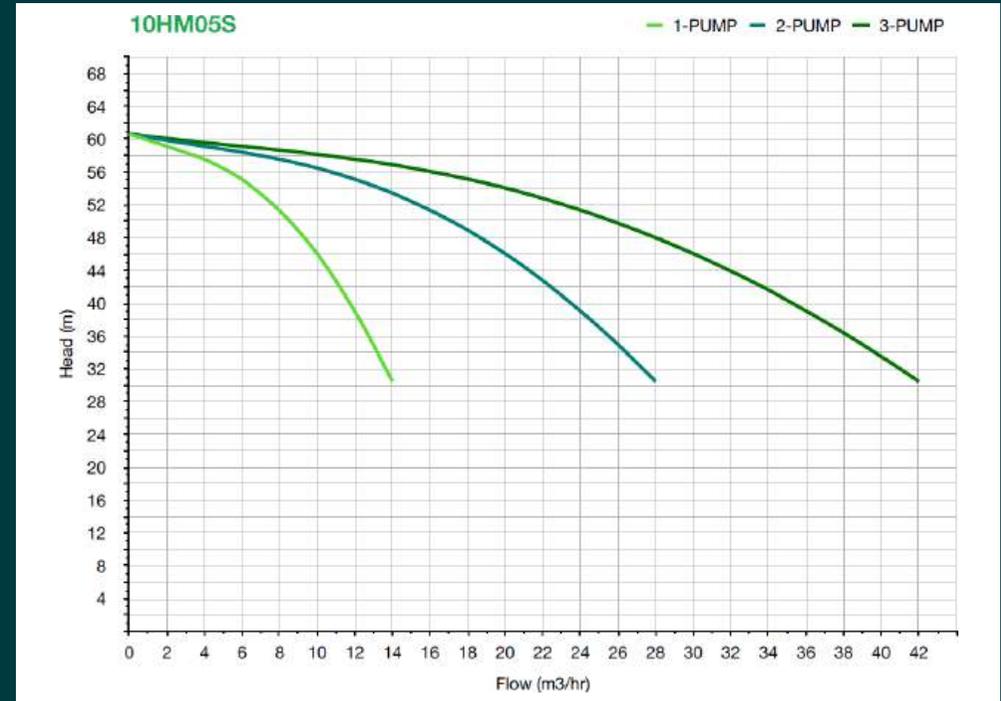
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	28 m3/hr	42 m3/hr
	Head (Q=0)	24m	
	Head (Qmax)	11.9m	
	Head (Qmin)	14m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	11.0	16.1
Electrical 400V	Supply	400/3/50	
	Power (kW)	1.5	2.25
	Full Load Current (A)	4.4	6.0



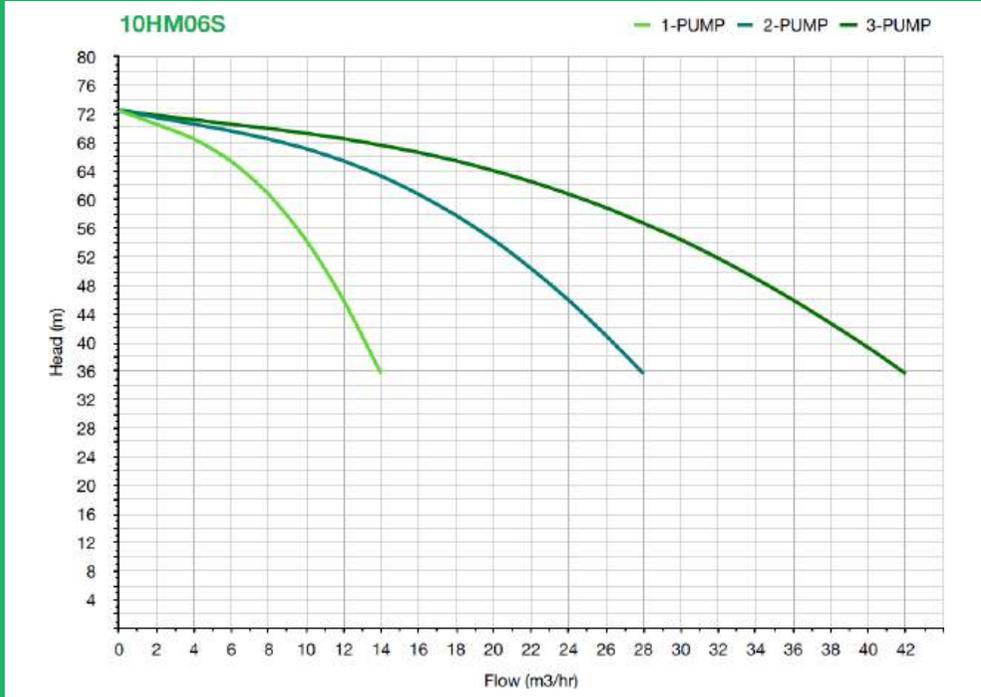
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	28 m3/hr	42 m3/hr
	Head (Q=0)	36m	
	Head (Qmax)	17.9m	
	Head (Qmin)	26m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	15.4	22.6
Electrical 400V	Supply	400/3/50	
	Power (kW)	2.2	3.3
	Full Load Current (A)	5.8	8.2



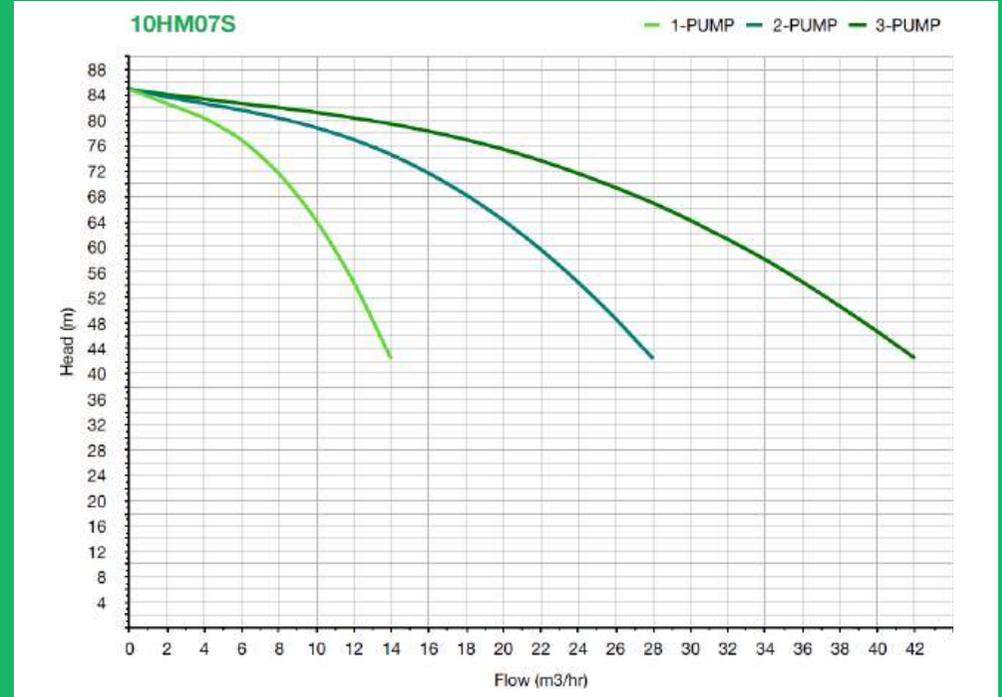
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	28 m ³ /hr	42 m ³ /hr
	Head (Q=0)	48m	
	Head (Qmax)	23.9m	
	Head (Qmin)	38m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	3.0	4.5
	Full Load Current (A)	19.7	29.1
Electrical 400V	Supply	400/3/50	
	Power (kW)	3.0	4.5
	Full Load Current (A)	7.2	10.4



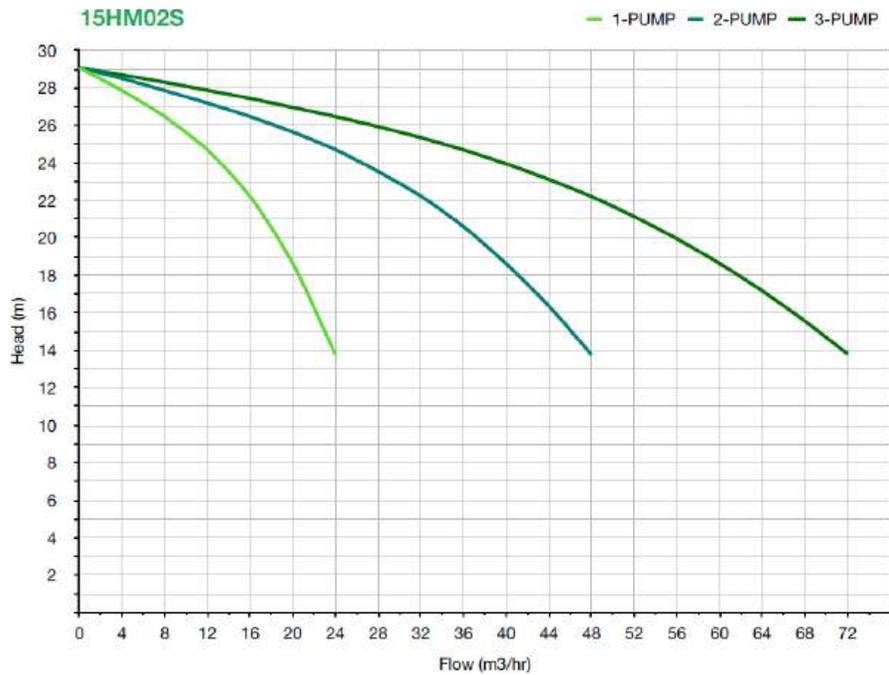
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	28 m ³ /hr	42 m ³ /hr
	Head (Q=0)	61m	
	Head (Qmax)	30.5m	
	Head (Qmin)	51m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	25.8	38.3
Electrical 400V	Supply	400/3/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	9.3	13.4



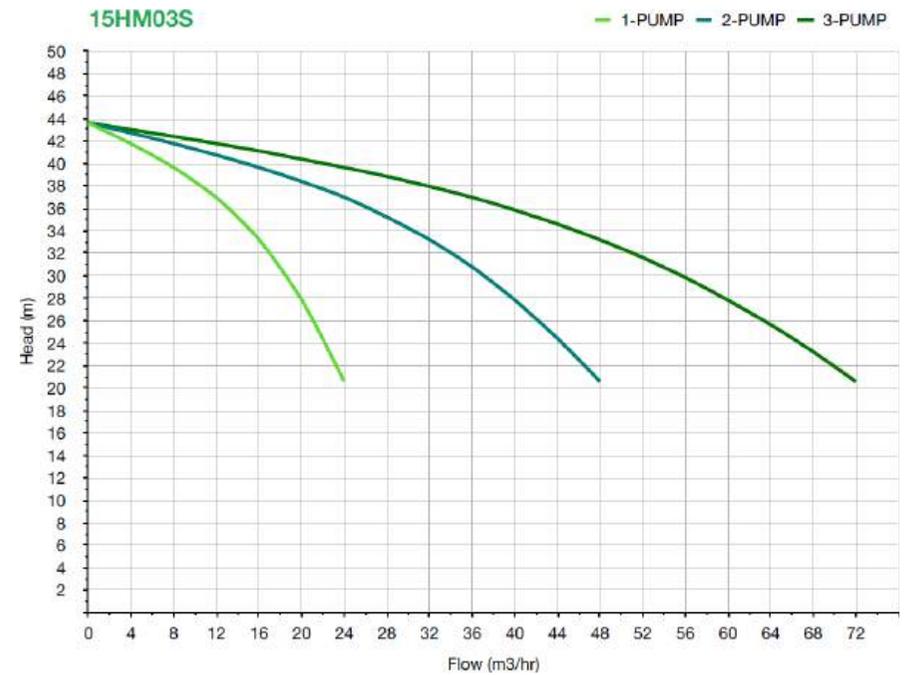
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	28 m3/hr	42 m3/hr
	Head (Q=0)	72m	
	Head (Qmax)	35.6m	
	Head (Qmin)	62m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	28.6	42.4
Electrical 400V	Supply	400/3/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	10.2	14.8



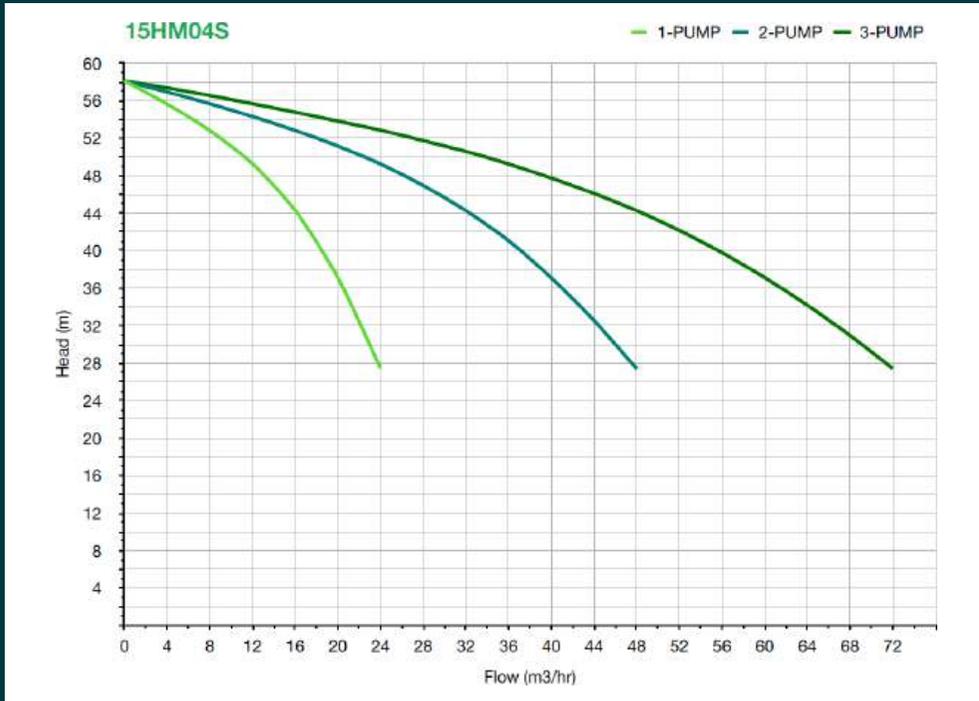
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	28 m3/hr	42 m3/hr
	Head (Q=0)	85m	
	Head (Qmax)	42.4m	
	Head (Qmin)	75m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	6.0	9.0
	Full Load Current (A)	36.2	53.8
Electrical 400V	Supply	400/3/50	
	Power (kW)	6.0	9.0
	Full Load Current (A)	12.7	18.6



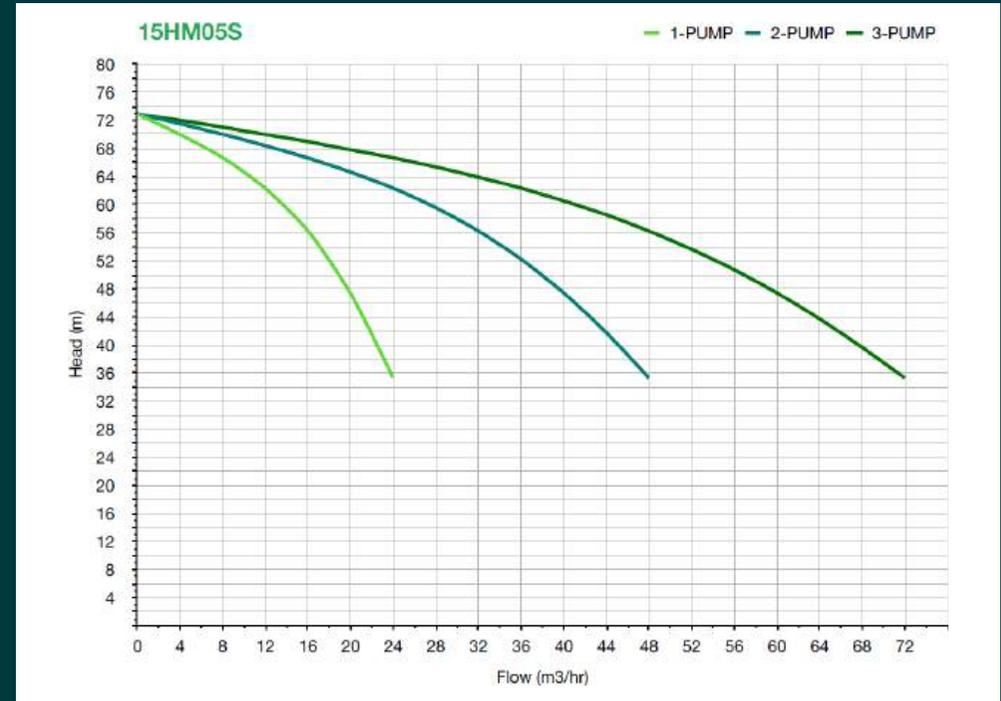
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	48 m ³ /hr	72 m ³ /hr
	Head (Q=0)	29m	
	Head (Qmax)	13.8m	
	Head (Qmin)	18m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	3.0	4.5
	Full Load Current (A)	19.9	29.4
Electrical 400V	Supply	400/3/50	
	Power (kW)	3.0	4.5
	Full Load Current (A)	7.3	10.5



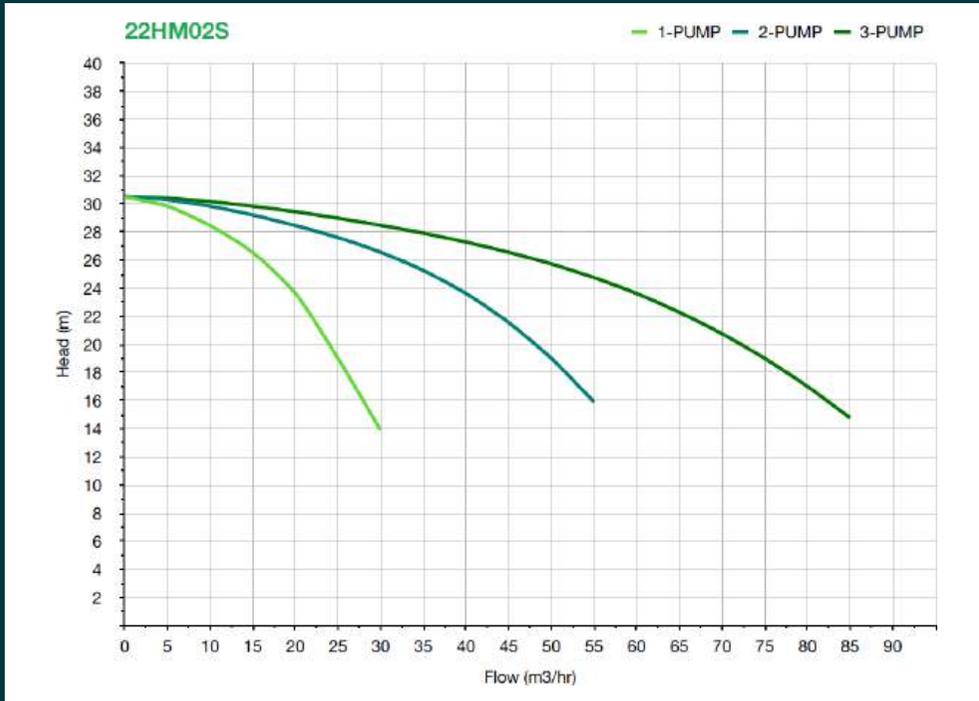
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	48 m ³ /hr	72 m ³ /hr
	Head (Q=0)	44m	
	Head (Qmax)	20.6m	
	Head (Qmin)	34m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	28.9	42.8
Electrical 400V	Supply	400/3/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	10.3	15.0



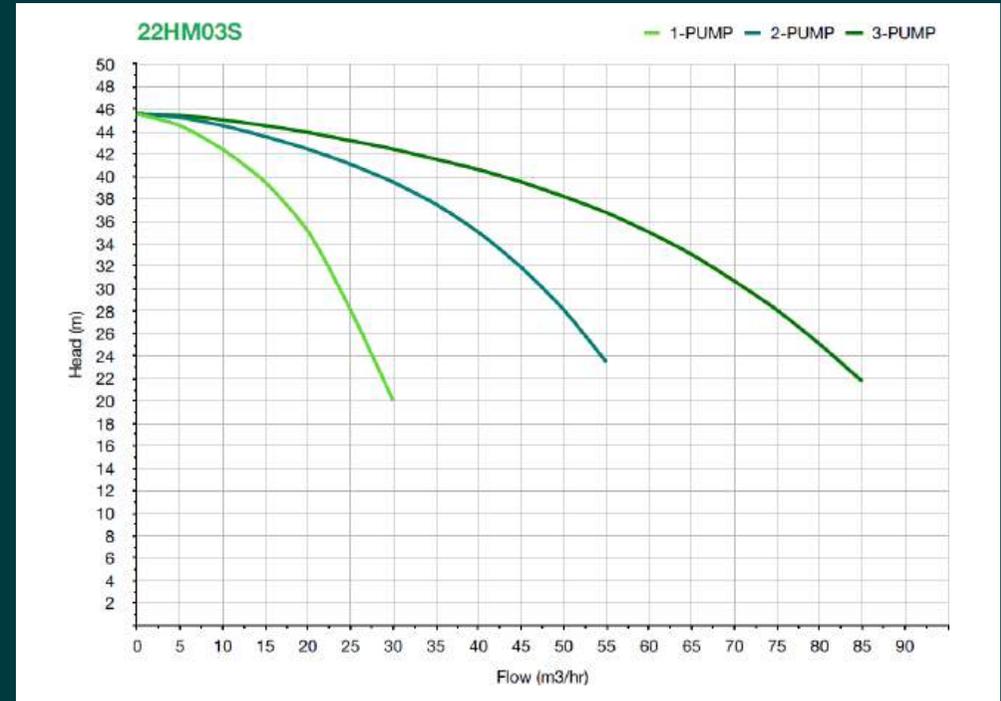
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	48 m3/hr	72 m3/hr
	Head (Q=0)	58m	
	Head (Qmax)	27.4m	
	Head (Qmin)	48m	
Electrical 400V	Supply	400/3/50	
	Power (kW)	3.0	6.0
	Full Load Current (A)	13.8	20.2



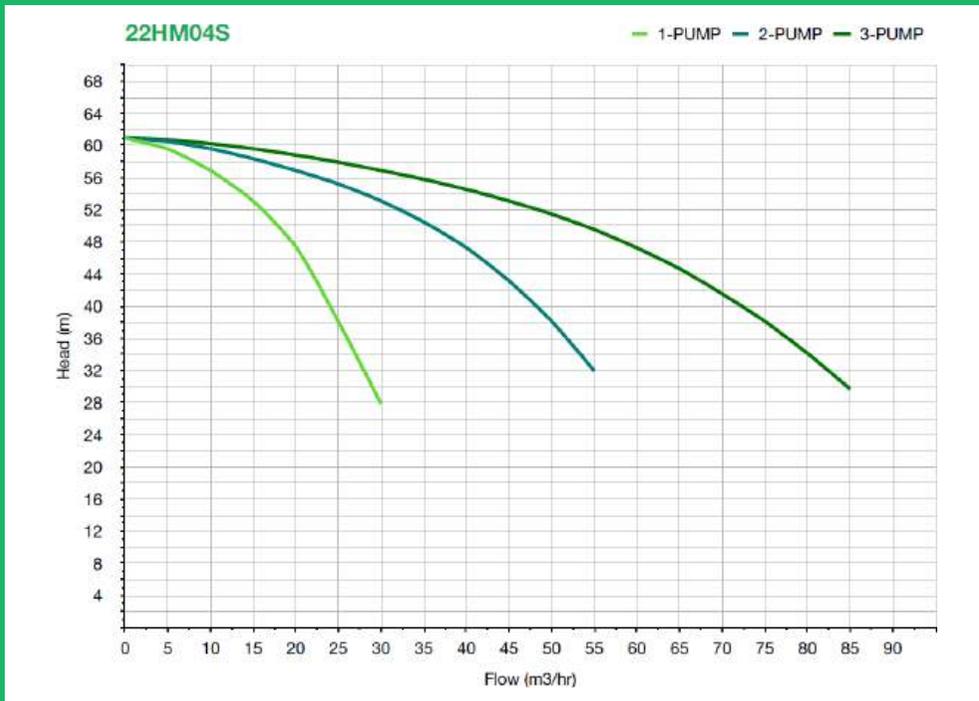
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	48 m3/hr	72 m3/hr
	Head (Q=0)	73m	
	Head (Qmax)	35.3m	
	Head (Qmin)	63m	
Electrical 400V	Supply	400/3/50	
	Power (kW)	4.0	8.0
	Full Load Current (A)	15.6	22.9



		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	58 m ³ /hr	87 m ³ /hr
	Head (Q=0)	30m	
	Head (Qmax)	13.9m	
	Head (Qmin)	20m	
Electrical 230V	Supply	230/1/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	26.8	39.8
Electrical 400V	Supply	400/3/50	
	Power (kW)	4.4	6.6
	Full Load Current (A)	9.6	13.9



		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	58 m ³ /hr	87 m ³ /hr
	Head (Q=0)	46m	
	Head (Qmax)	20.4m	
	Head (Qmin)	36m	
Electrical 400V	Supply	400/3/50	
	Power (kW)	6.0	9.0
	Full Load Current (A)	13.7	20.0



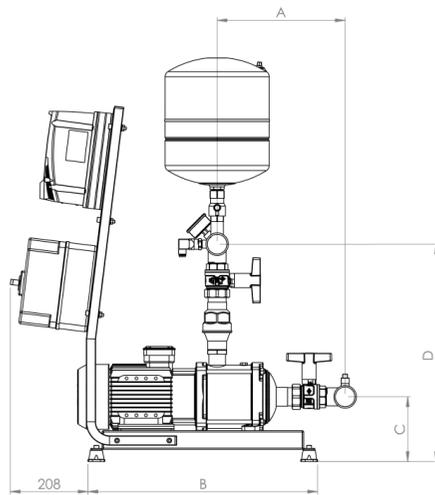
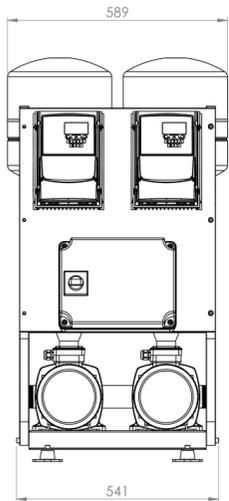
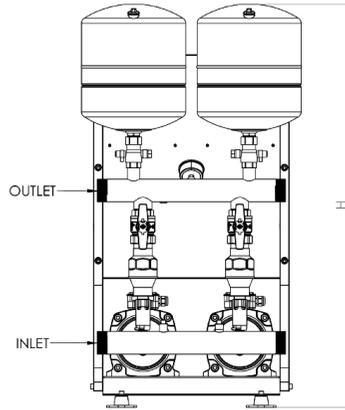
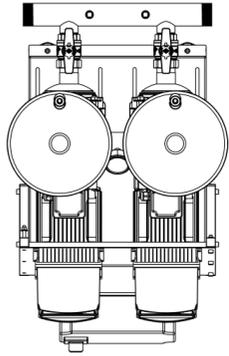
		(5221) 2-PUMP	(5222) 3-PUMP
Performance	Flow (Max)	58 m3/hr	87 m3/hr
	Head (Q=0)	61m	
	Head (Qmax)	27.9m	
	Head (Qmin)	51m	
Electrical 400V	Supply	400/3/50	
	Power (kW)	8.0	12.0
	Full Load Current (A)	16.1	23.7

“Trebles are a superb company to deal with, they have a vast knowledge of the industry and the stock to supply the goods. **First Class.**”

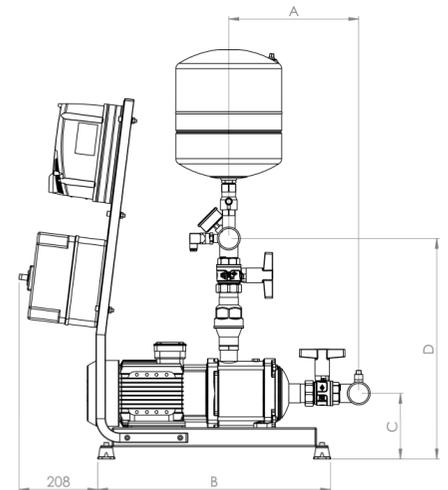
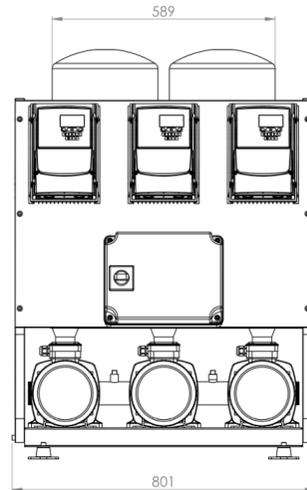
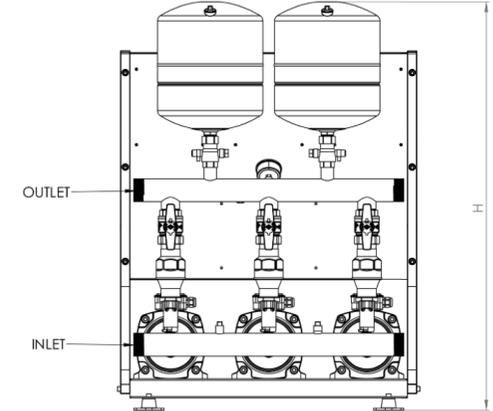
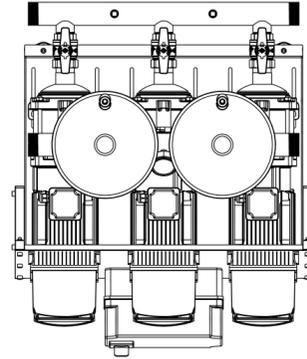
- Robert Burton
Source: Trustpilot

Dimensions

5221 Series



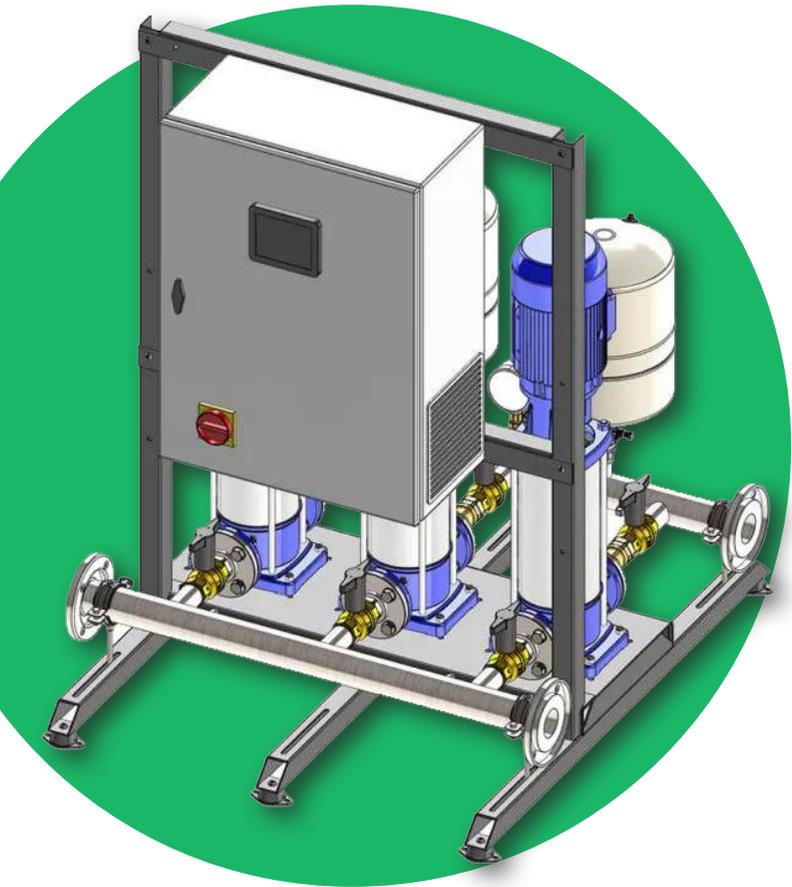
5222 Series



Models	Inlet	Outlet	A	B	C	D	H
3HM04	1-1/4" Male BSP		248	565	172	493	980
3HM05			268				
3HM06			288				
3HM07			292				
3HM08			312				
3HM09			332				
5HM04	1-1/2" Male BSP		298				
5HM05			323				
5HM06			327				
5HM07			352				
5HM08			377				
5HM09			402				
10HM02	2" Male BSP		279			615	182
10HM03			311				
10HM04			343				
10HM05			375				
10HM06			407				
10HM07			407				
15HM02	2-1/2" Male BSP		342				
15HM03			390				
15HM04			438				
15HM05			438				
22HM02			342				
22HM03			390				
22HM04	390	182	629	1130			
				172	619	1120	
				182	629	1130	

EcoPlus

Booster Set



- ✓ Variable Speed
- ✓ Vertical Multi-Stage
- ✓ Touchscreen UI
- ✓ Low Water Protection
- ✓ Duty/Standby with Assist
- ✓ Auto Changeover
- ✓ Stainless Steel Manifolds
- ✓ 2 x 24L Pressure Vessels
- ✓ Volt-Free Contacts for BMS
- ✓ Anti-Vibration Mounts
- ✓ Hand/Off/Auto Facility
- ✓ Initial System Fill Operation
- ✓ Adjustable Set Point
- ✓ Door Interlocked Isolator

The EcoPlus takes our standard range to the next level by combining energy efficiency and high performance in a more compact design. This advanced range features enhanced control and monitoring capabilities, a user-friendly touchscreen interface, and an expanded selection of pumps.

Once installed, the EcoPlus system continuously monitors pressure through a pressure transducer. When an outlet is opened and a pressure drop is detected, the unit automatically activates to maintain the desired set point. Variable speed drives adjust the pump speed as needed, significantly reducing energy consumption compared to traditional pump control methods.

The EcoPlus range incorporates the latest e-SV stainless steel pumps and IE3 motors, adhering to EN standards to deliver exceptional comfort and reliability. With a wide range of pumps, options, and accessories, we can customise an EcoPlus unit to meet your specific needs.

General Characteristics

Flow Range Twin Pump	Flow Range Three Pump	Pressure Range	Max System Temperature	Motor Power
0.5 - 14 l/sec	0.5 - 21 l/sec	1.5 Bar - 10 Bar	40°C	0.37kW - 7.5kW



“There aren’t many providers who would be adaptable enough to be able to fully break down and then rebuild a booster on-site.”

- C Bradley, JS Wright

Source: Trebles Website

Compact Booster Set



- ✓ **Duty/Standby with Assist**
- ✓ **Auto Changeover**
- ✓ **Variable Speed**
- ✓ **Constant Pressure**
- ✓ **Flow-Through Vessel**
- ✓ **Anti-Vibration Mounts**
- ✓ **Dry Run Protection**
- ✓ **Volt-Free Contacts for BMS**
- ✓ **Overload Protection**
- ✓ **Programming & Monitoring via Smartphone App (iOS & Android)**
- ✓ **2-Year Guarantee**

The Trebles Compact range of cold water booster sets delivers top performance within a minimal footprint, all while offering an extensive feature set.

Featuring a twin pump configuration, the system ensures reliable operation with a standby pump for redundancy and an assist function to handle peak demand if a single pump becomes overloaded. Auto-changeover evenly distributes wear across both pumps. Energy-efficient Variable Speed Drives maintain constant pressure with smooth, quiet operation. Designed for potable water, the pressure vessel includes a flow-through valve to prevent water stagnation.

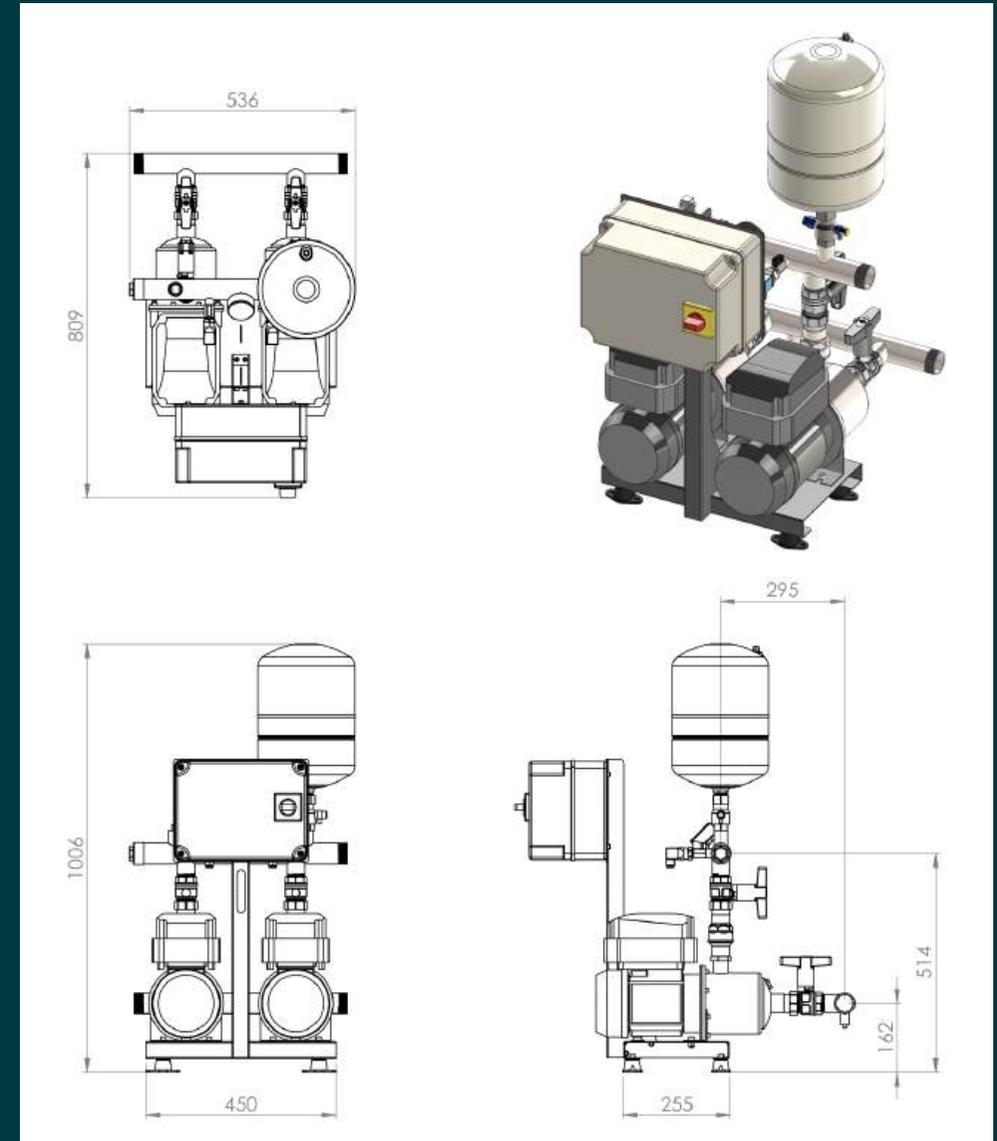
The unit offers volt-free contacts for monitoring individual pump failure and low water levels through a float switch. Quick adjustments can be made directly on the pump inverters, while advanced programming and monitoring are accessible via the FE Connect smartphone app. This app allows you to modify parameters, generate reports, and review statistics such as energy consumption, alarm history, and operating hours.

General Characteristics

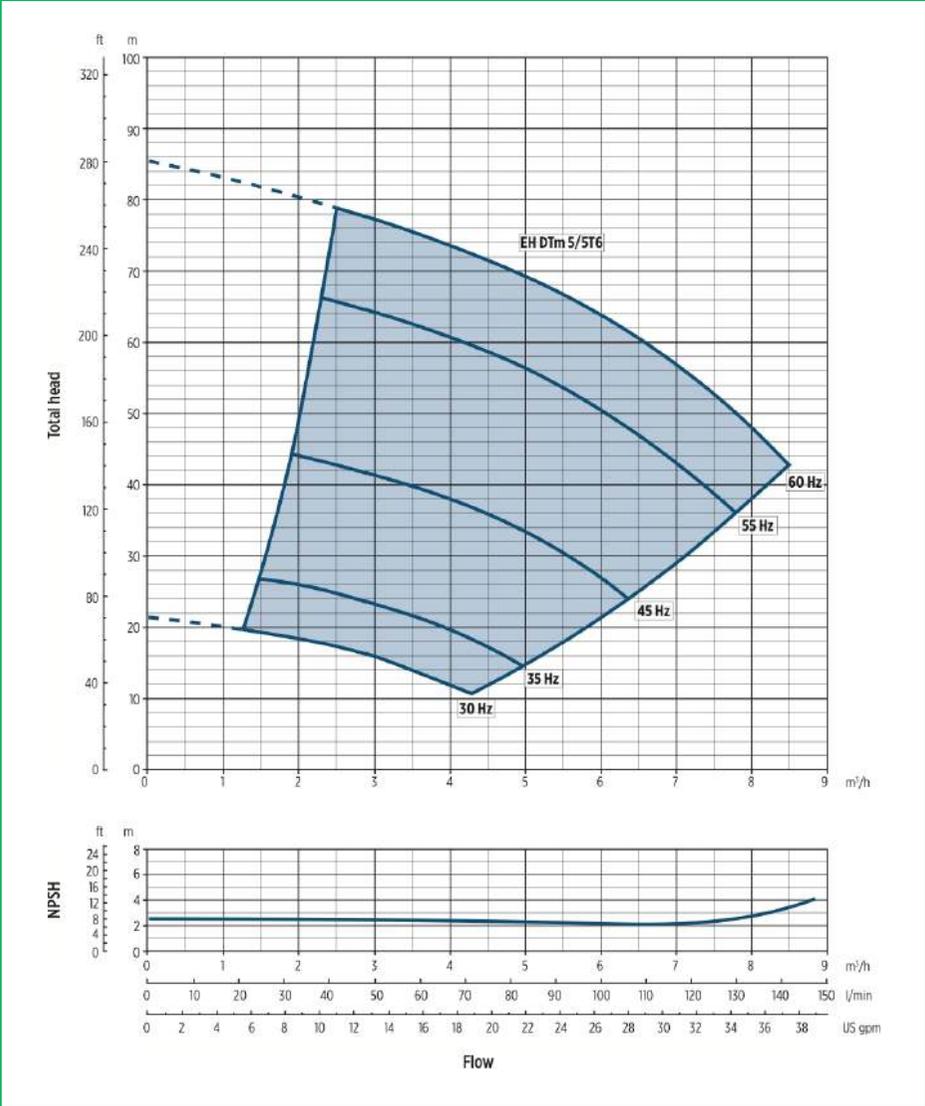
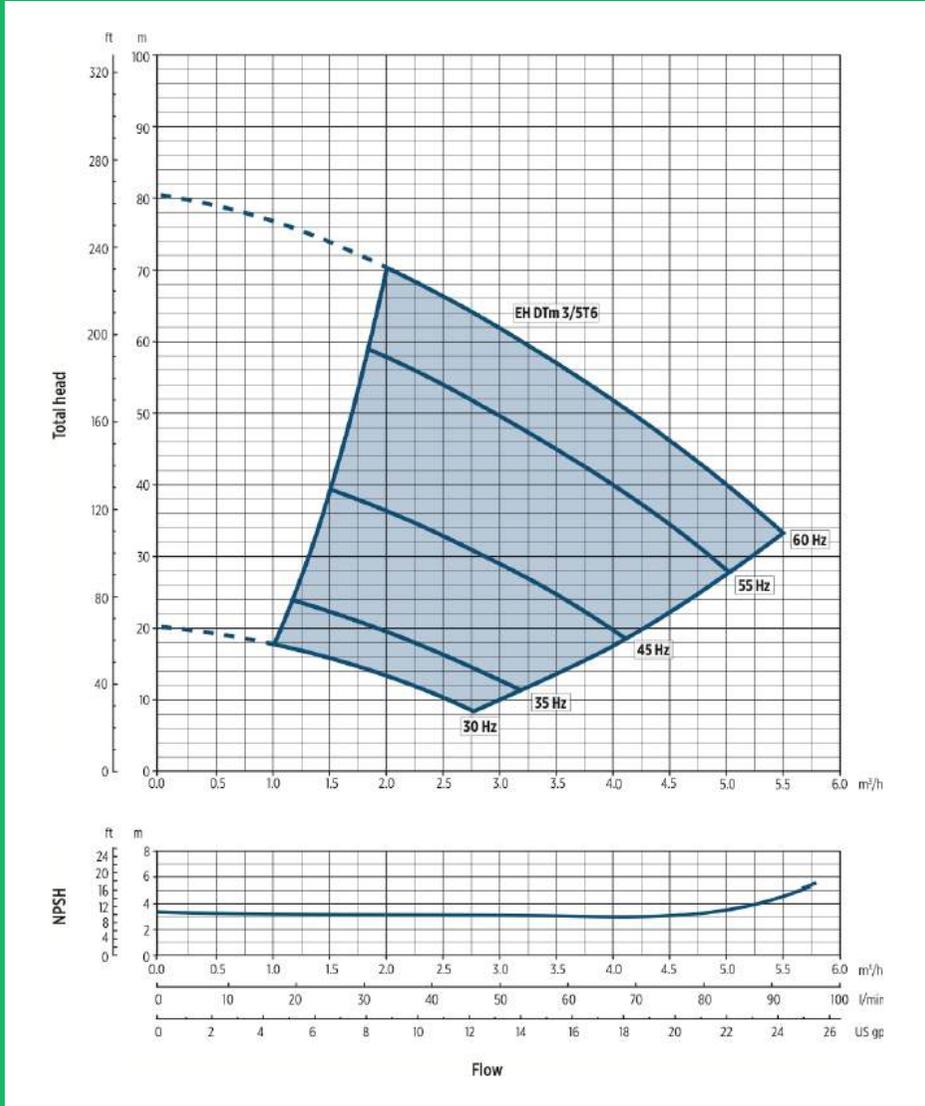
		5255 3/5	5255 5/5
General	Pumps	2	
	Mounting	Floor Mounted	
	Dry Weight	65	75
Performance	Max Pressure (m)	70	79
	Max Flow (m3/hr)	5.5	8.5
Operating Conditions	Pressure Rating	PN10	
	Ambient Temperature	5°C / 40°C	
	Water Temperature	5°C / 35°C	
	Relative Humidity	95% non-condensing	
Connections	Inlet	1-1/2" Male BSP	
	Outlet		
	Vessel	1" Female BSP	
	Spare Ports	1/4" Female BSP	
Materials	Manifolds	AISI 304	
	Check Valves	AISI 304	
	Isolation Valves	CW617N UNI EN 12165	
	Flow-Thru Valve	CW617N UNI EN 12165	
	Fittings	AISI 304	
Electrical	Supply	230/1/50	
	Pump Power (kW)	1.5	2.2
	Full Load Current (A)	18	25

NOTE: The pressure vessel & Flow-Through valve, along with a cap, are supplied separately. They should be installed on the closest connection to the outlet, depending on which end of the discharge manifold is capped off.

Dimensions



Performance



“Trebles always go above and beyond for us - quick communication, parts delivered swiftly and any issues we do face with them, we know they are only a phone call away.”

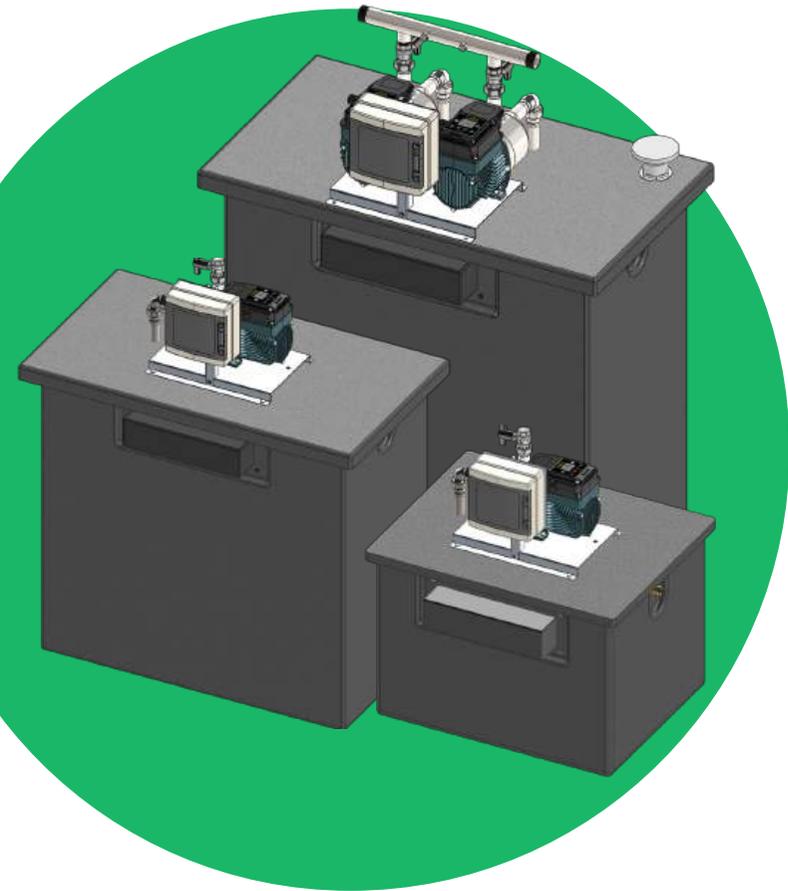
- ACMS Ltd

Source: Trustpilot



Q-Tank

Booster Set



- ✓ Single / Twin Pump
- ✓ Cat5 / AB Air Gap
- ✓ 136L / 227L / 500L
- ✓ Screened Overflow
- ✓ Screened Lid Vent
- ✓ 25mm Insulation
- ✓ Variable Speed
- ✓ Constant Pressure
- ✓ Dry Run Protection
- ✓ Self-Priming
- ✓ Internal Pressure Vessel
- ✓ 2-Year Guarantee

The Trebles Q-Tank range of Cat 5 booster sets delivers quiet, efficient performance while maximising tank capacity within a compact footprint.

The Q-Tank features a variable-speed, self-priming pump mounted directly on the tank lid. This pump includes built-in controls for intelligent pressure adjustment and displays system status and alarms. Its water-cooled design eliminates the fan noise commonly associated with pumps and motors.

Constructed from fiberglass with 25mm insulation, the tank meets Category 5 / AB Air Gap regulations and includes a Screened Weir, Screened Overflow, and Screened Lid Vent. The unit also has a 3/4" Equilibrium Float Valve inlet, ensuring adequate incoming flow to meet outgoing demand in nearly all applications.

General Characteristics

		5261-136	5261-227	5261-227	5262`-227	5262-500
General	Pumps	1			2	
	Mounting	Floor Mounted				
	Dry Weight	43	52	100	62	110
Performance	Max Pressure (m)	47				
	Max Flow (l/hr)	83			165	
Operating Conditions	Pressure Rating	8.0 Bar				
	Ambient Temperature (Max)	40°C				
	Water Temperature (Min/Max)	0°C / 35°C				
Connections	Inlet	3/4" Male BSP Equilibrium Float Valve				
	Outlet	1" Female BSP		1-1/4" Female BSP		
	Overflow	1-1/2" Female BSP				
Tank	Capacity (Nominal)	30G 136L	50G 227L	110G 500L	50G 227L	110G 500L
	Capacity (Actual)	15G 68L	30G 140L	83G 380L	30G 140L	83G 380L
	Fluid Category	CAT 5 / AB Air Gap				
	Other	25mm Insulation Screened Lid Vent WRAS Approved BS EN 13280:2001 RAL 7016 - Anthracite Grey				
Materials	Check Valves	AISI 304				
	Isolation Valves	CW617N UNI EN 12165				
	Fittings	AISI 304				
Electrical	Supply	230/1/50				
	Pump Power (kW)	0.65 kW			2 x 0.65 kW	
	Full Load Current (A)	2.8			5.6	

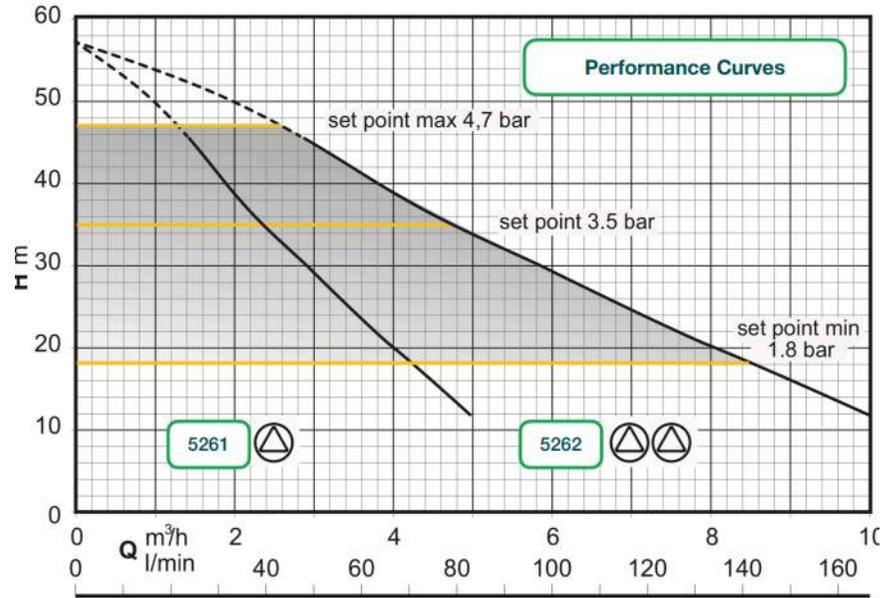
Good to know...

The Trebles Q-Tank offers a quick and simple solution for Cat 5 boosting needs. It is available in three tank sizes and includes twin pump options for the larger models.





Performance



Tank Fill Rate - 3/4" Equilibrium Float Valve

Inlet Pressure (Bar)	0.5	1.0	1.0	1.5	2.0	2.5	3.0	4.0	5.0
Inlet Flow (l/min)	Supply	56.8	80.5	98.7	113.7	127.3	140.9	159.1	177.3

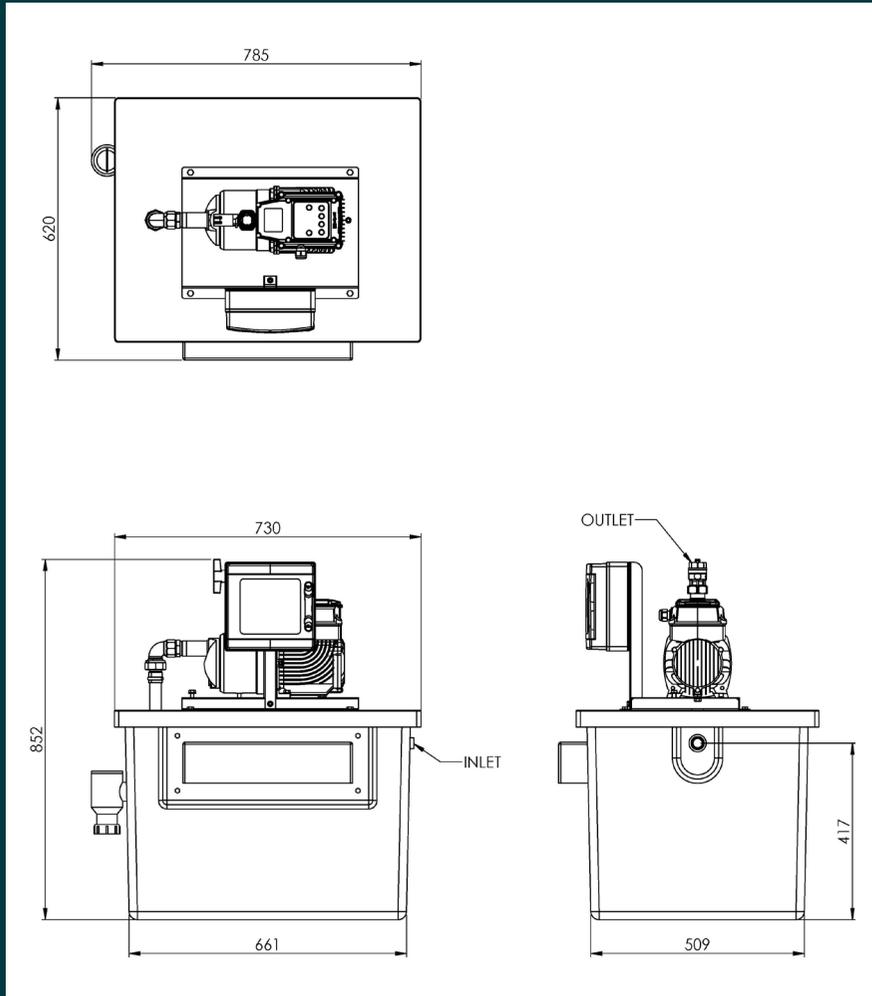
“You can always rely on Trebles to give exceptional service”

- Steve Walters

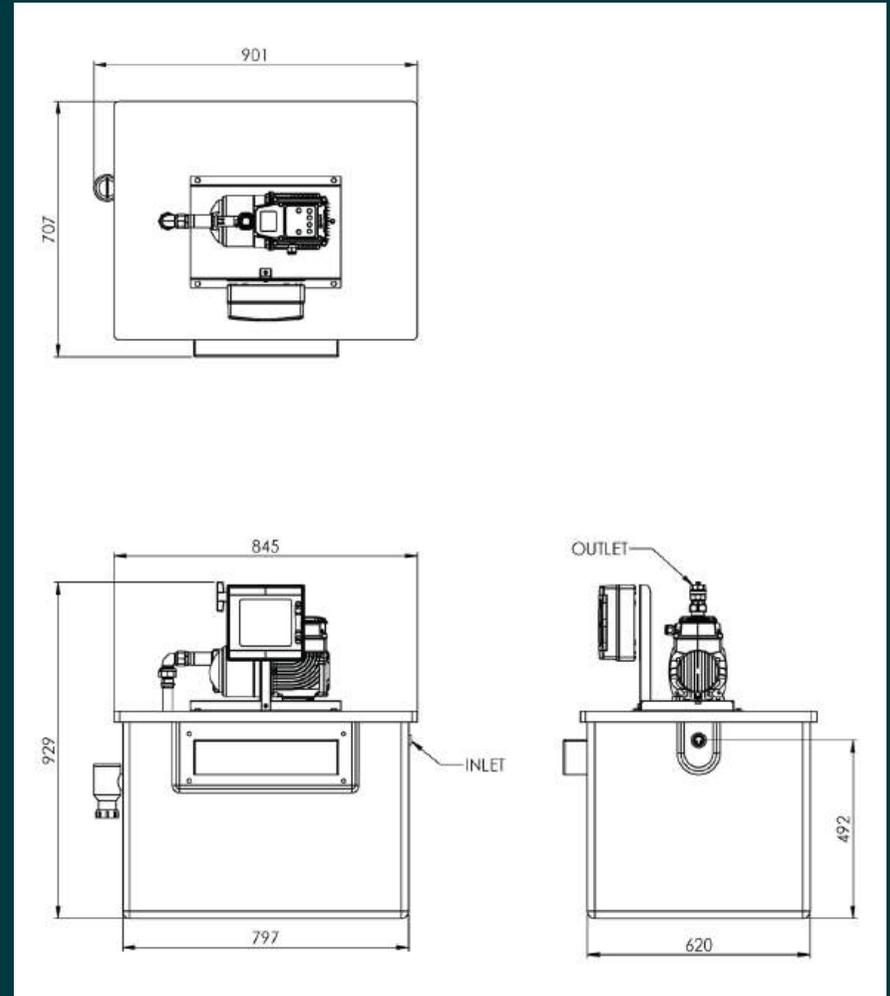
Source: Trustpilot

Dimensions

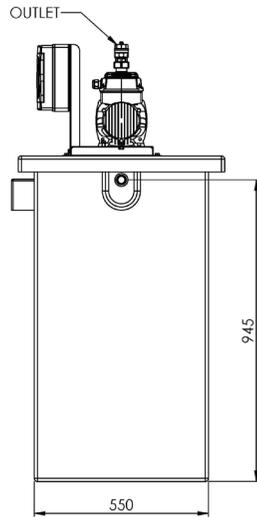
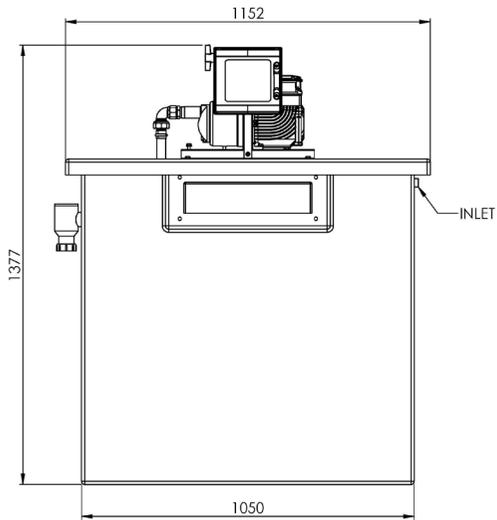
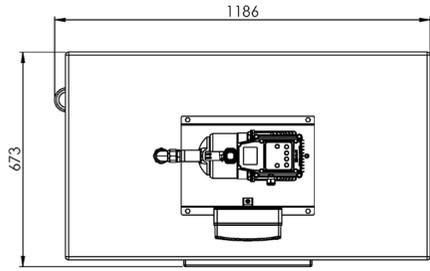
5261-140



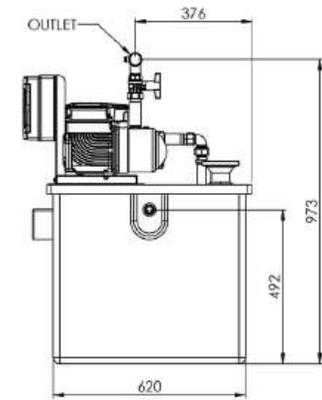
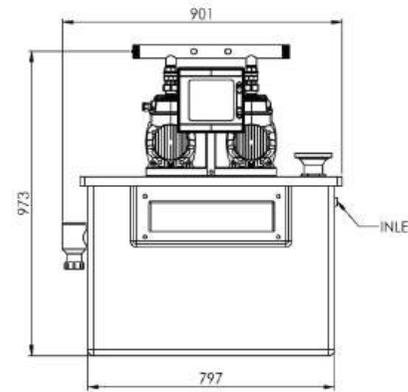
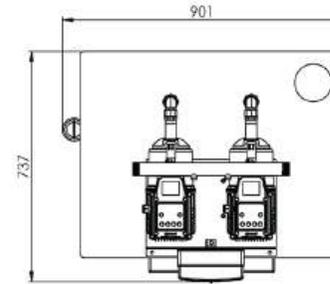
5261-227



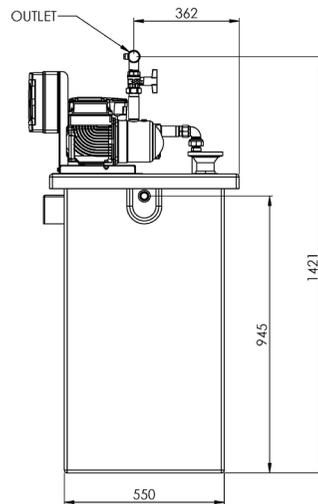
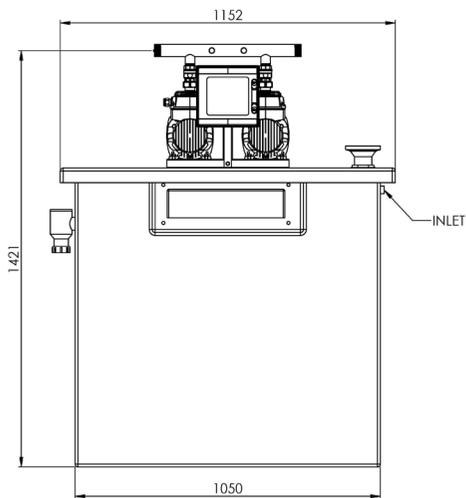
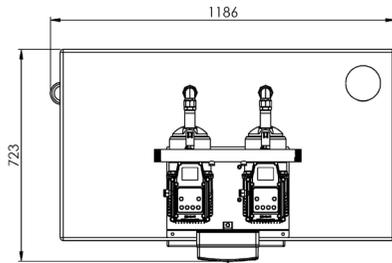
5260-500



5262-227



5262-500



**“Excellent service
and competitive
prices”**

- Jamie Blackburn

Source: Trustpilot

Trident

Packaged Booster Set & Tank System



- ✓ Single or Twin Pump
- ✓ Duty/Standby or Duty/Assist
- ✓ 230V
- ✓ Auto Changeover
- ✓ Variable Speed
- ✓ Flow-Through Vessel
- ✓ Dry Run Protection
- ✓ Volt-Free Contacts for BMS
- ✓ Quiet Operation
- ✓ Easy Maintenance
- ✓ External Installation Option
- ✓ 2-Year Guarantee

The Trident range introduces a new approach to combined tank and booster pump systems, designed to minimise your footprint while ensuring easy serviceability.

Once installed, pumps can be isolated, drained, and replaced without needing to access or drain the tank, resulting in minimal downtime and reduced water wastage. Water-cooled variable speed drives enhance efficiency and performance while operating quietly due to the absence of fans. The pump chamber features a clear door, providing visibility of internal components while protecting them.

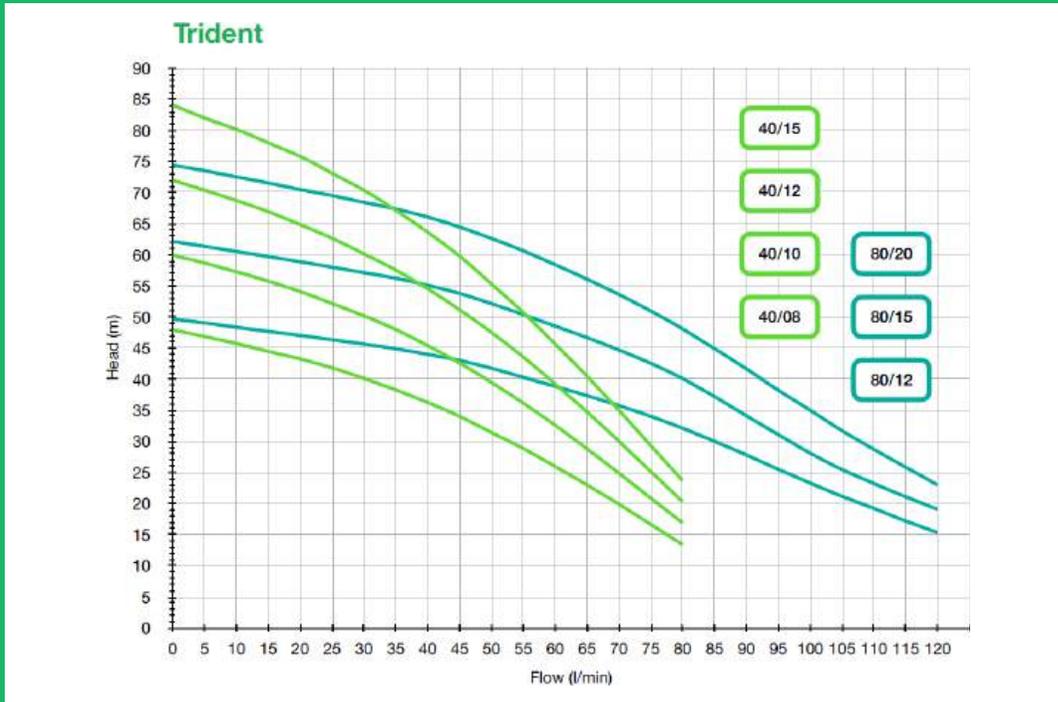
The compact size of the smallest Trident models allows them to fit through most standard UK doorways. Additionally, the Trident can be specified for external installation if needed. All models offer flexible installation with the outlet configurable on either side.

Standard installations include Category 4 backflow prevention, with Category 5 available as an optional upgrade. Each Trident model is equipped with a flow-through vessel, dry run protection, and BMS output.

General Characteristics

Capacities		640	920	1200	1670	2420	3000
6110 Series	Pumps	1					
6120 Series	Mounting	2					
Operating Conditions	Pressure Rating	1 MPa / 10 Bar					
	Water Temperature (Min/Max)	5°C / 40°C					
Connections	Inlet	1" Male BSP Equilibrium Float Valve					
	Outlet	1-1/2" Male BSP					
	Overflow	50mm Screened					
Tank	Capacity (Nominal)	640	920	1200	1670	2420	3000
	Air Gap	Type AB					
	Fluid Category	CAT 5					
	Capacity (Actual)	520	750	980	1360	1980	2450
	Other	25mm Insulation / WRAS Approved / BS EN 13280:2001					
	Colour	RAL 7016 Anthracite Grey					
Materials	Check Valves	AISI 304					
	Isolation Valves	CW617N UNI EN 12165					
	Fittings	AISI 304					
	Manifold	AISI 304					
	Tank	Pre-Insulated GRP					
	Base	Encapsulated Marine Ply					
Electrical	Supply	230/1/50					
Tank Fill Rate	Inlet Pressure (Bar)	0.5	1.0	1.5	2.0	2.5	3.0
	Inlet Flow (L/min)	127	172	218	250	282	309

Performance

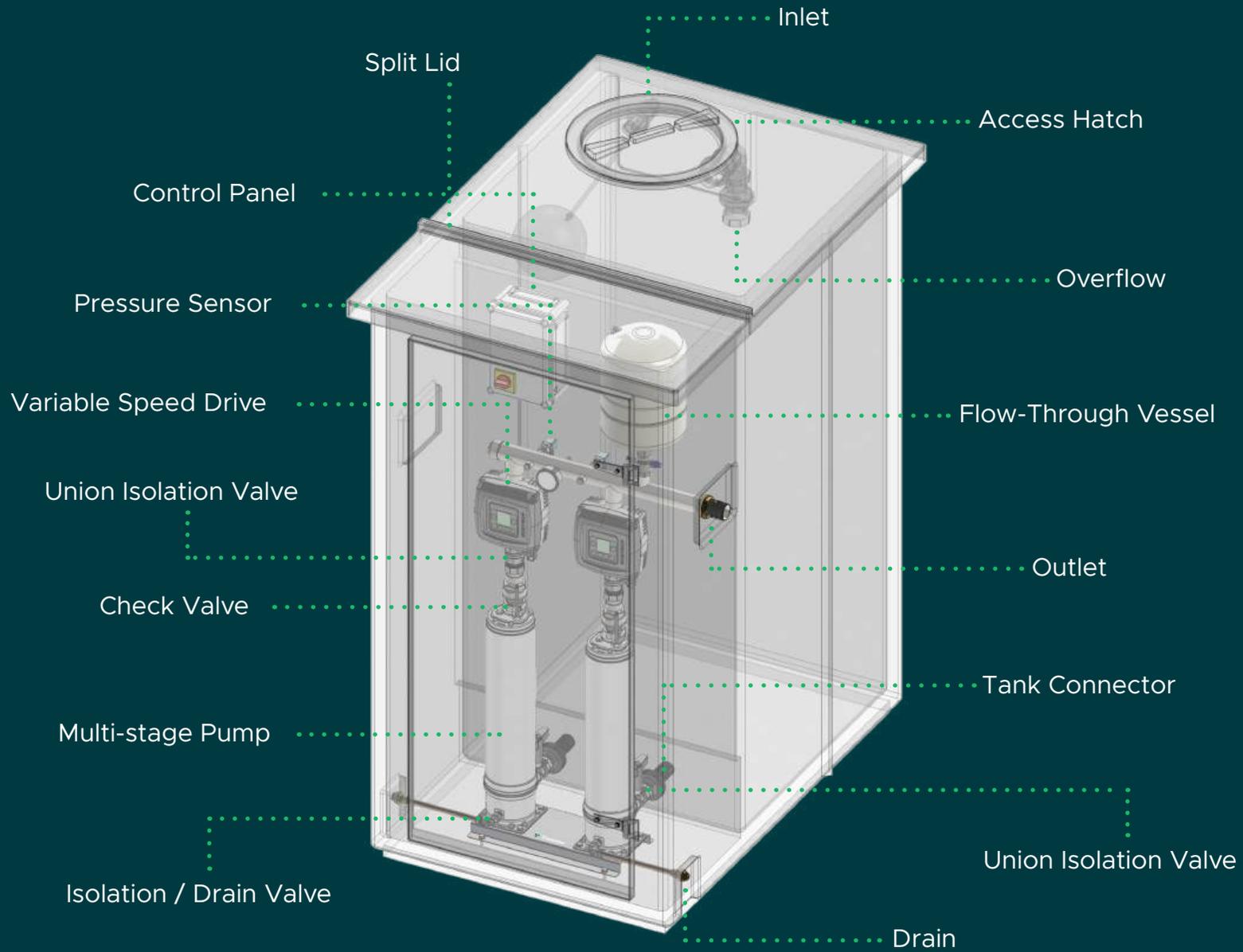


		40/08	40/10	40/12	40/15	80/12	80/15	80/20
Performance	Flow (Max)	80 l/min				120 l/min		
	Head (Q=0)	48m	60m	72m	84m	49m	62m	74m
	Head (Qmax)	13m	17m	20m	23m	15m	19m	23m
Electrical 6110 Series	Supply	230/1/50						
	Power (kW)	0.6	0.75	0.9	1.1	0.9	1.1	1.5
	Full Load Current (A)	6.7	7.6	8.3	8.8	7.9	10.4	11.6
Electrical 6120 Series	Supply	230/1/50						
	Power (kW)	2 x 0.6	2 x 0.75	2 x 0.9	2 x 1.1	2 x 0.9	2 x 1.1	2 x 1.5
	Full Load Current (A)	12.4	14.2	15.5	16.6	14.9	19.7	22.1

Identification

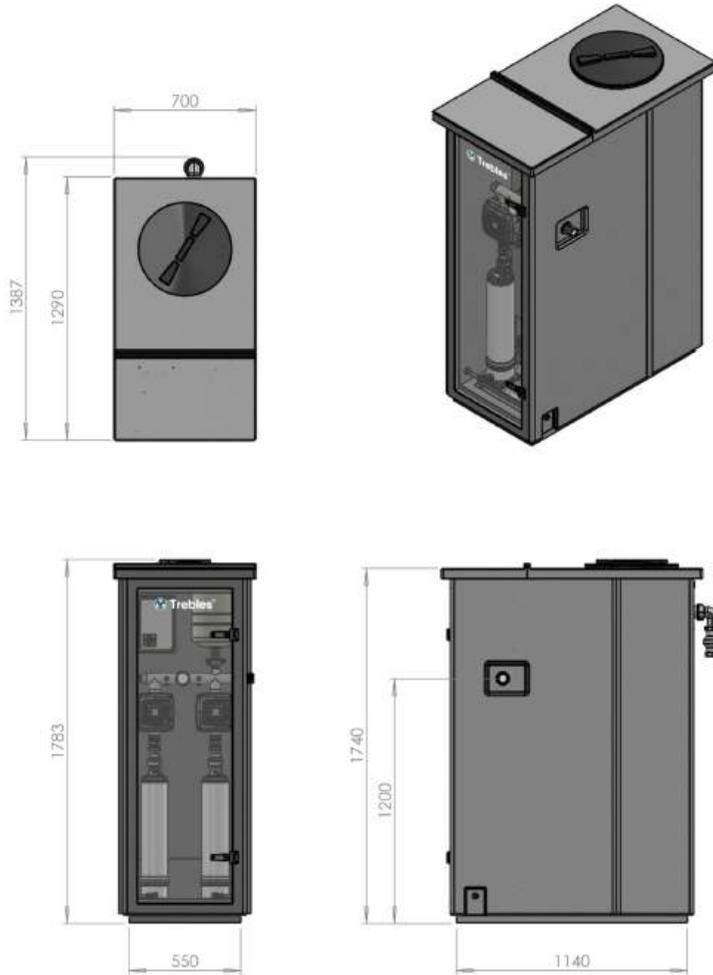
Example Model Code: 6120-1200-40/10-AF								
6120	-	1200	-	40	/	10	-	AF
6110 = 1-Pump		Tank Capacity (Nominal)		Pump Hydraulic Code		Pump Power Code		Fluid Category
6120 = 2-Pump								
6111 = 1-Pump (External)								CAT5 / AB
6121 = 2-Pump (External)								



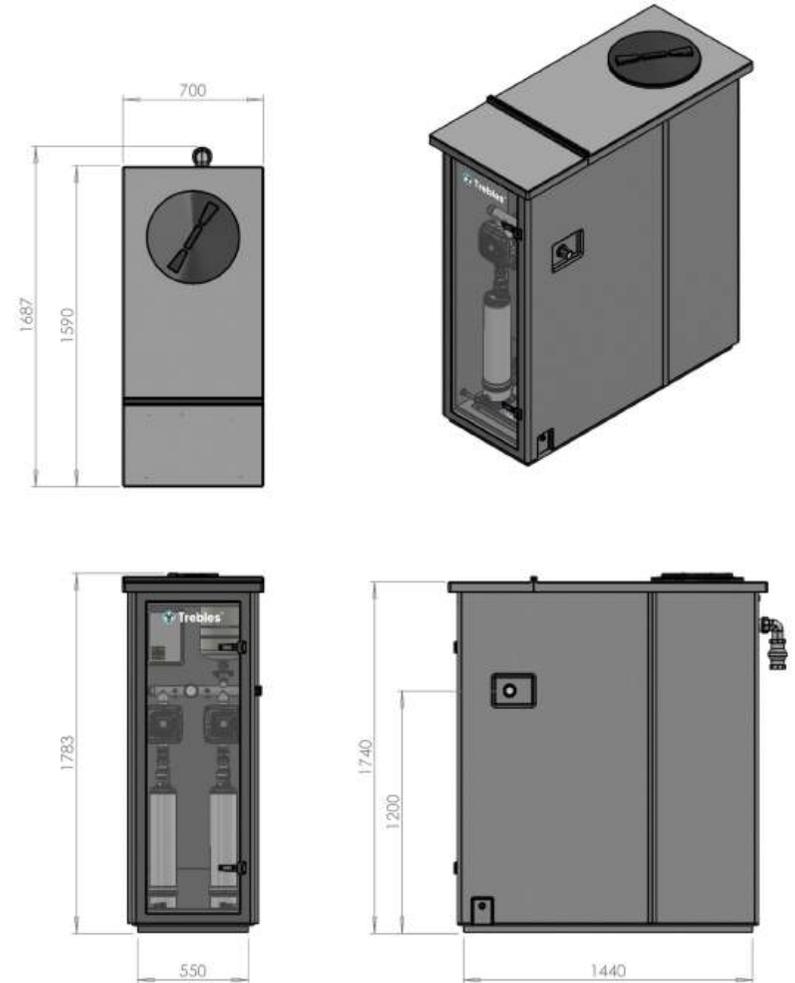


Dimensions

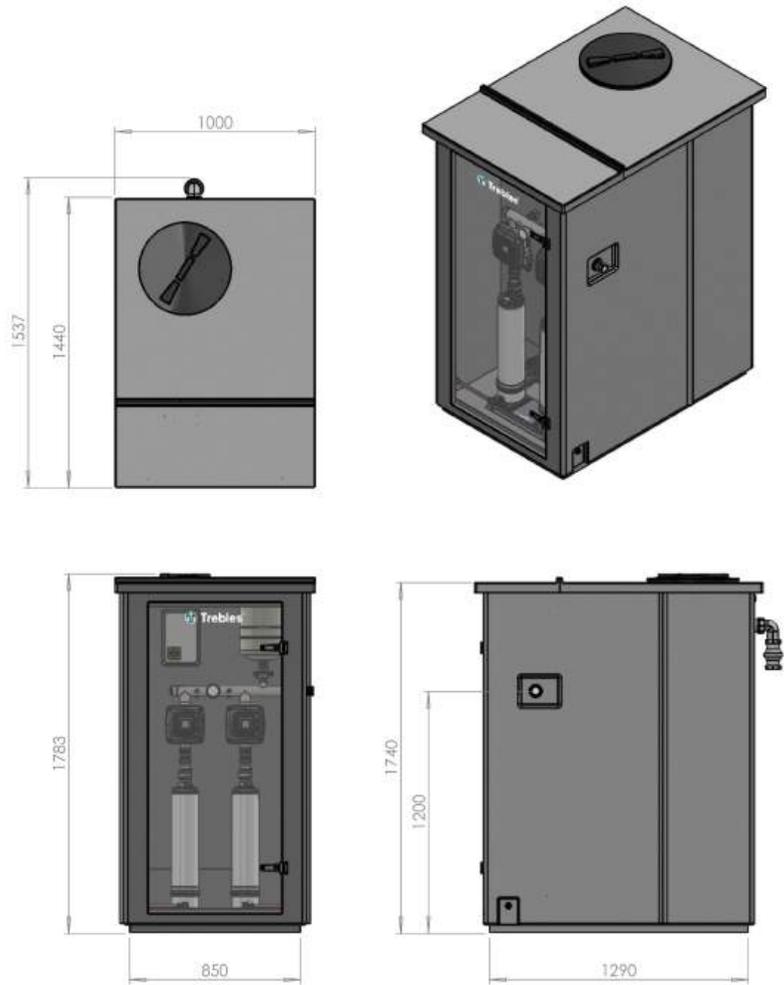
640



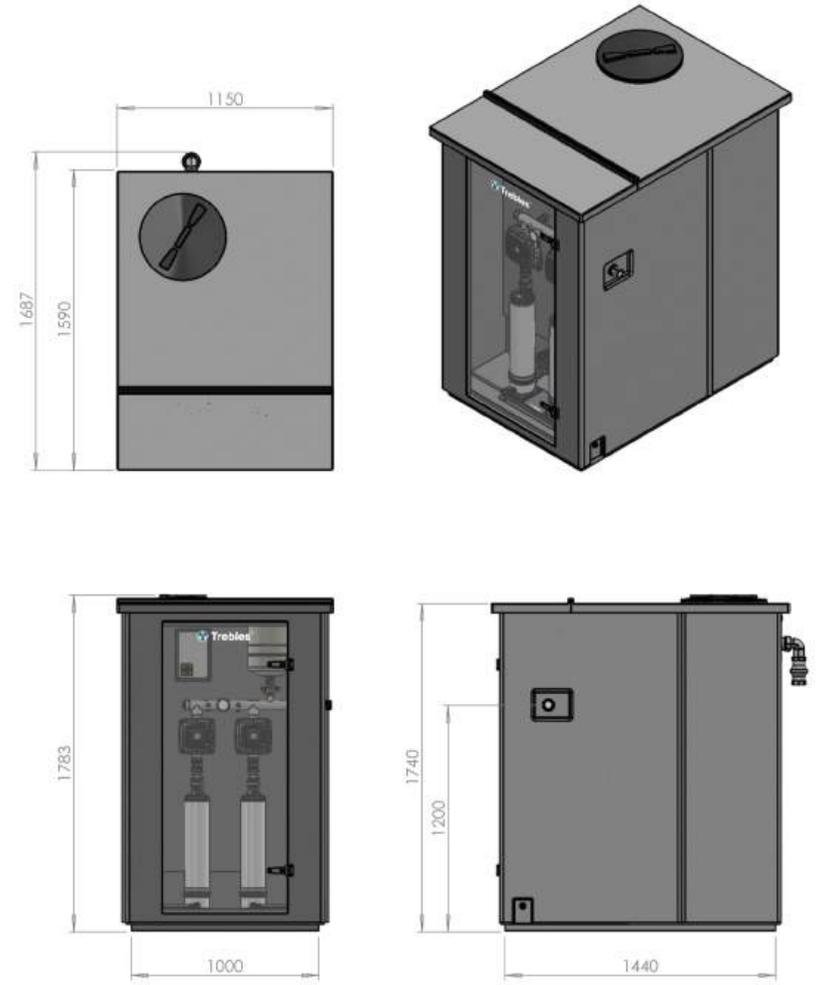
920



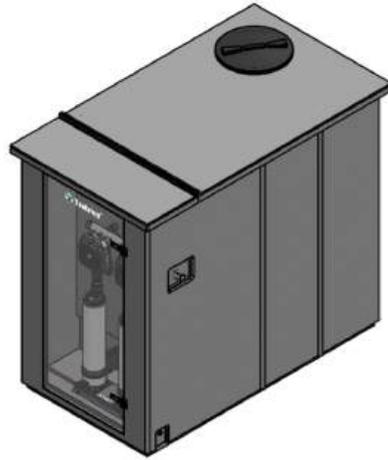
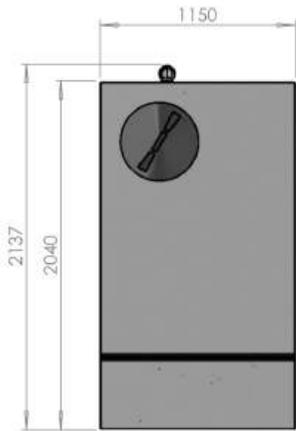
1200



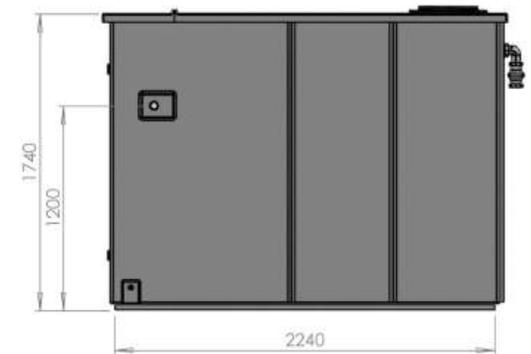
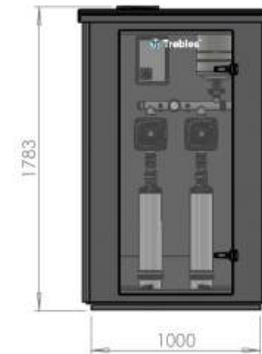
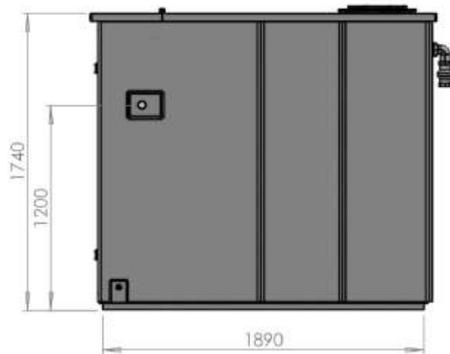
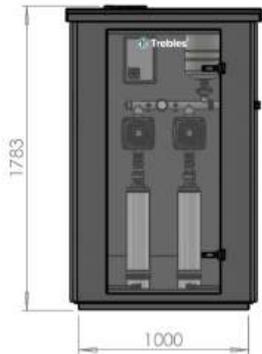
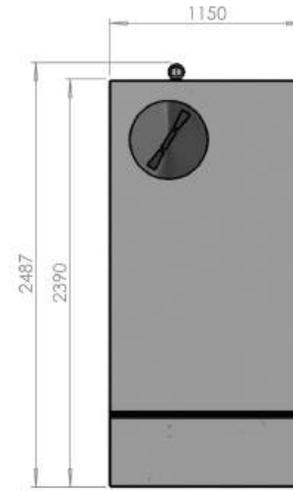
1670



2420



3000



“The Trebles engineer was very professional and helpful and an absolute credit to your company.”

- National Maintenance Network

Source: Trebles Website



Plant Tank

Booster Set Accessories



- ✓ **Economical Solutions**
Removes the need to structurally change buildings.
- ✓ **Compact Designs**
Perfect for when space is at a premium.
- ✓ **Unrivalled Expertise**
Built on 55 years of experience in the pump industry.
- ✓ **Premium Quality**
Only the best products and brands are utilised in booster sets - sourced from the UK & Europe.
- ✓ **Tailor-Made**
Need something out of the ordinary? Bespoke solutions to meet your requirements.

A plant tank, also known as a combined housing tank, integrates a water tank and pump housing into a single unit. These solutions are ideal for situations where space is limited, as they not only store water but also house the pumping equipment within the same structure.

Plant tanks are often used in remote locations, separate from the main buildings they serve, due to space constraints within those buildings. Designed to be lightweight, they are relatively easy to transport.

Trebles' combined Booster and Tank Units provide a comprehensive water boosting solution with a wide range of options to meet nearly any site requirement. After selecting a suitable tank capacity, a booster set can be installed in the 'dry' section of the enclosure, resulting in a fully integrated packaged solution.



Configuration Designed to Order

Trebles Plant Tanks offer a wide range of configurations to meet nearly any site requirement. We can install either one of our standard WRAS-approved booster sets or a bespoke solution tailored to specific needs.

Additional features such as lighting, frost protection heaters with thermostats, and 230V sockets can be pre-installed to create a fully weatherproof unit, saving both time and space on-site.

These systems are commonly used in industrial applications, residential buildings, hotels, apartments, and schools.



Going the Extra Mile Delivered Finished Solutions

Trebles don't just stop on completion of the build. Not only will delivery be arranged to the exact location of the installation, but the Trebles technical team can also assist with the installation where required.

Trebles often have requirements for multi-site installations. In these instances, Trebles can create a package plan and delivery can be arranged to any & multiple UK locations.

Did you know?

To seamlessly blend with surrounding buildings or natural environments, Trebles can finish the plant tank in any colour of your choice.

General Characteristics

Nominal Capacity		2,800L	5,000L	7,520L	10,000L
Tank	Capacity (Actual)	2,338L	4,175L	6,279L	8,350L
	Fluid Category	CAT 5 / AB Air Gap			
	Inlet	1-1/4" Equilibrium Float Valve			
	Outlet	To suit installed booster set			
	Overflow	67mm Screened			
	Internal Length	700mm	1250mm	1880mm	2500mm
	Internal Width	2000mm			
	Internal Height	2000mm			
Plant Area	Internal Length	1500mm			
	Internal Width	2000mm			
	Internal Height	2000mm			
Gross External Dimensions	Length	2520mm	3070mm	3700mm	4320mm
	Width	2220mm			
	Height	2100mm			

Base Construction Requirements

All Plant Tanks require a flat, even, and fully supported base, the construction of which is the responsibility of the contractor. Bases are usually constructed from marine-grade plywood, concrete, or steel sheet.

The tolerances for the base are as follows:

- 2mm in any metre
- 6mm in any 6 metres
- Maximum deflection 1:500

The base should not vary by more than these tolerances when measured from side to side or corner to corner. It should also be free from any ridges or protrusions. We recommend that the base size be a minimum of 300mm longer and wider than the internal dimensions of the unit.

Additionally, we recommend that any supporting steelwork underneath the tank base run in one direction only, with a minimum spacing of 500mm centres.

The responsibility for the calculation of the deformation of the base lies with the contractor.

The above information is our recommendation, and Trebles takes no responsibility for base construction. If in doubt, we always advise consulting a suitably qualified structural engineer.

 **Trebles™**

PressBox

Pressurisation Unit



- ✓ Single / Twin Pump
- ✓ Wall Bracket Included
- ✓ Floor Mountable
- ✓ Category 5, AB Air Gap
- ✓ 18L Break Tank
- ✓ WRAS Approved Inlet Valve
- ✓ Digital Controller
- ✓ Auto Changeover
- ✓ Pump Pulse Functionality
- ✓ Dry Run Protection
- ✓ Password Protection
- ✓ Flood Protection
- ✓ BMS Output
- ✓ 2-Year Guarantee

The Trebles PressBox pressurisation unit automatically maintains optimal system pressure within a sealed system. It is available in single or twin pump configurations and includes an 18 L Cat 5 AB Air Gap tank to meet backflow prevention requirements. For both configurations, a higher-pressure pump can also be specified.

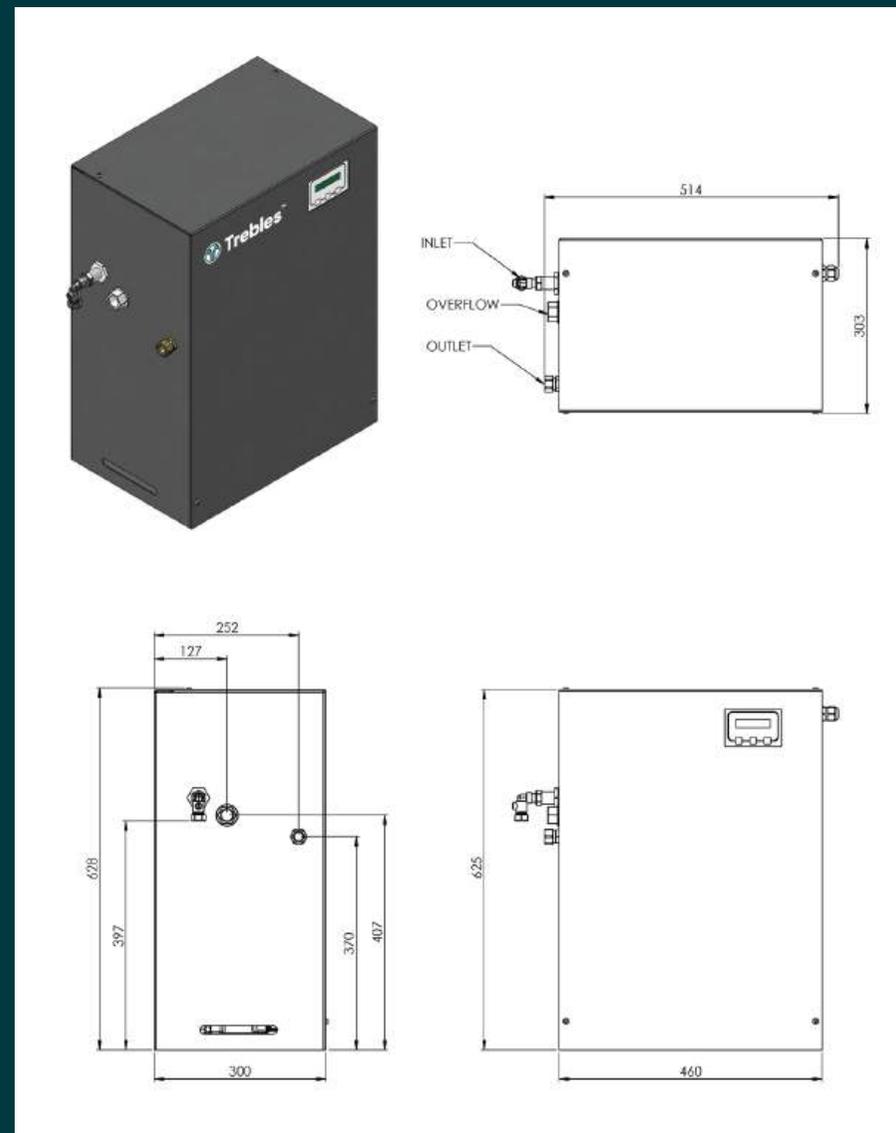
The unit features a lightweight aluminium enclosure and comes with an 'EasyMount' wall bracket to simplify installation. Compared to many floor-mounted units, the PressBox is lighter while offering a larger tank capacity than most wall-mounted units.

The digital controller provides BMS connectivity with two contacts as standard, including a common alarm and a programmable alarm that can be customised with various parameters. Optionally, this can be expanded with an additional three contacts.

General Characteristics

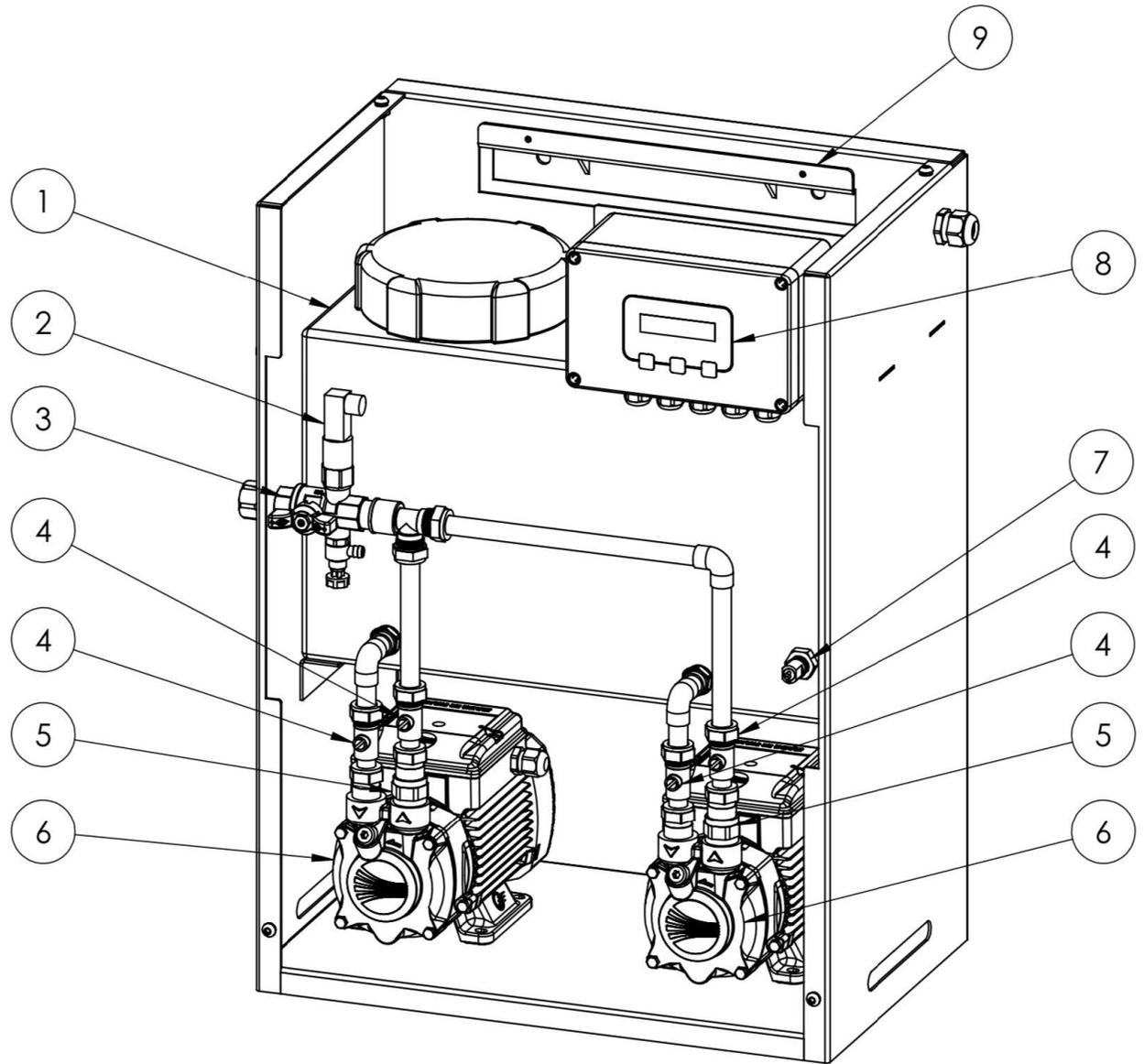
		5231-130	5231-160	5231-230	5231-260
General	Pumps	1		2	
	Mounting	Wall or Floor Mounted			
	Dry Weight (kg)	25	33	27	35
	System Volume (Guide Only)	< 300,000L			
Performance	Max Cold Fill Pressure (m)	35	60	35	60
Operating Conditions	Pressure Rating	10 Bar			
	Ambient Temperature (Max)	40°C			
	Water Temperature (Min / Max)	0°C / 35°C			
Connections	Inlet	15mm Compression			
	Outlet				
	Overflow	21.5mm			
Tank	Nominal Capacity	18L			
	Actual Capacity	10L			
	Fluid Category	CAT 5 / AB Air Gap			
	Float Valve	1/2" Side Entry			
Materials	Enclosure	Aluminium			
	Tank	Polyethylene			
	Check Valve	CW617N UNI EN 12165			
	Isolation Valve	CW617N UNI EN 12165			
	Fittings	Copper / Brass			
Electrical	Supply	230/1/50			
	Power	0.37kW		2x 0.37kW	
	Full Load Current (A)	2.9	3.1	2.9	3.1

Dimensions



Component Layout

1	18L, Cat 5, AB Air Gap Tank
2	Pressure Transducer
3	Main Isolation Valve with Drain
4	Pump Service Valve
5	Check Valve
6	Pump
7	Low Water Float Switch
8	Digital Controller
9	EasyMount' Wall Bracket





PressBox Mini

Pressurisation Unit



- ✓ Single Pump
- ✓ 5L Tank
- ✓ Category 5, AB Air Gap
- ✓ WRAS Approved Inlet Valve
- ✓ Wall-Mounted
- ✓ Digital Controller
- ✓ Flood Protection
- ✓ Dry Run Protection
- ✓ Password Protection

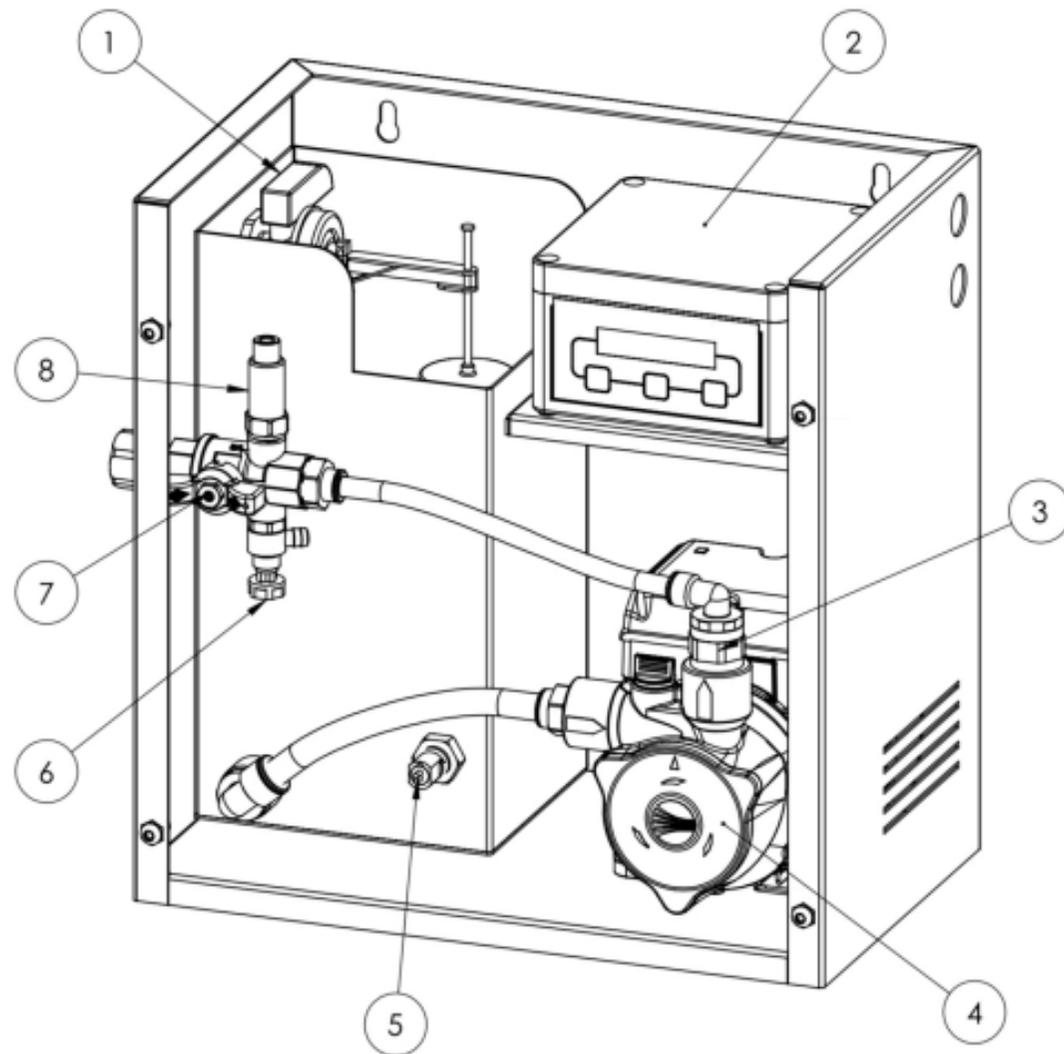
The PressBox Mini wall-mounted pressurisation unit is one of the most compact solutions available, perfect for spaces where every inch counts.

In a sealed heating system, even minor leaks can gradually lower system pressure, leading to inefficient or inoperative heating. Once installed, the PressBox Mini automatically maintains optimal system pressure by continuously monitoring the system with a pressure sensor. If the pressure drops below the set point, the unit replenishes the system to its original cold fill pressure, restoring and maintaining optimal operating conditions.

The digital controller comes with two programmable volt-free contacts as standard, which can be set up for various alarms, including high/low pressure, common fault, pump fault, system fault, water leak, and service due.

Component Layout

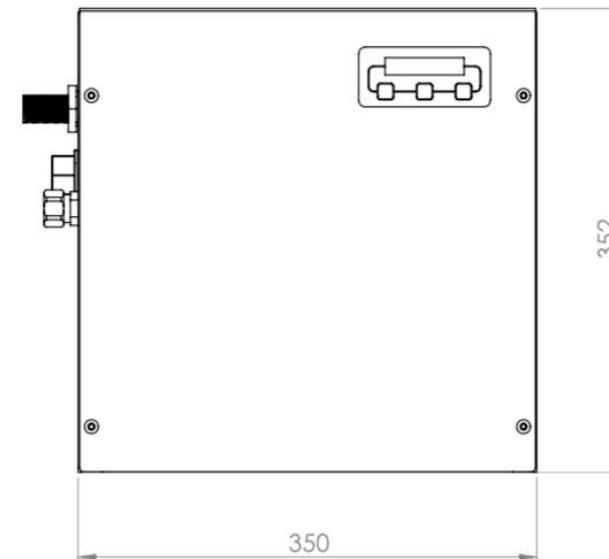
1	Inlet Float Valve
2	Digital Controller
3	Check Valve
4	Pump (PQAM 60)
5	Low Water Float Switch
6	Drain Valve
7	Internal Isolation Switch
8	Pressure Sensor



General Characteristics

		5230-130
General	Pumps	1
	Mounting	Wall Mounted
	Dry Weight	11kg
	System Volume (Guide Only)	< 50,000L
Performance	Max Cold Fill Pressure	30m
	Max Flow	6 L/min
Operating Conditions	Pressure Rating	PN10
	Ambient Temperature	5°C / 40°C
	Water Temperature	5°C / 35°C
	Relative Humidity	95% non-condensing
Connections	Inlet (Mains)	1/2" BSP Male
	Outlet (System)	15mm Compression
	Tank Overflow	22mm
Tank	Nominal Capacity	5 Litres
	Fluid Category	CAT 5 - AB Air Gap
	Material	Stainless Steel AISI 304
Materials	Enclosure	Aluminium
	Tank	AISI 304 Stainless Steel
	Check Valve	CW617N UNI EN 12165
	Isolation Valve	CW617N UNI EN 12165
	Fittings	CW617N UNI EN 12165
	Tube	Nylon
Electrical	Supply	230/1/50
	Power	0.18kW
	Full Load Current	1.6A

Dimensions





PH Range

Pressurisation Units



- ✓ **Single / Twin Pump**
- ✓ **18L Tank**
- ✓ **Category 5, AB Air Gap**
- ✓ **BS1212 Part 2 Inlet Valve**
- ✓ **4L Pressure Vessel**
- ✓ **Floor-Mounted**
- ✓ **Digital Controller***
- ✓ **Flood Protection***
- ✓ **Dry Run Protection***
- ✓ **Password Protection***
- ✓ **System Filling***
- ✓ **2-Year Guarantee**

*Digital Versions Only

PH Units are robust and reliable, floor-mounted pressurisation systems designed for industrial and commercial applications. They maintain the minimum operating pressure in sealed systems.

Their open design enhances serviceability and allows for manual dosing via the tank. The use of a multistage pump significantly reduces the risk of seizure, a common issue with peripheral pumps found in many other pressurisation units.

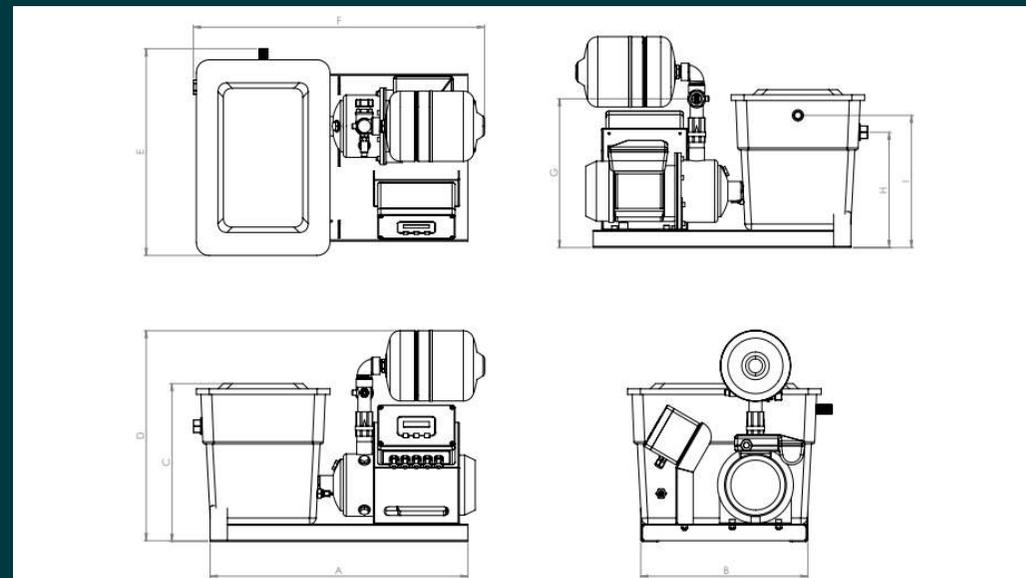
PH Units come with a choice of either a mechanical pressure switch control or a digital controller, which offers advanced features and BMS communication. Digital versions can include a second standby pump and a QuickFill facility to simplify the initial filling of a sealed system.

The digital controller features two programmable volt-free contacts as standard, configurable for high/low pressure, common fault, pump fault, system fault, water leak, and service-due alarms. It can also be expanded with an additional three volt-free contacts if needed.

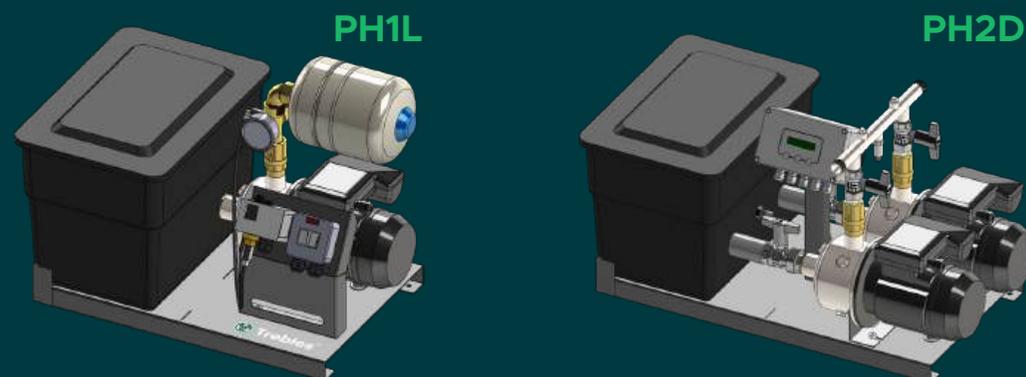
General Characteristics

		PH1L (5191)	PH1D (5201)	PH2D (5202)
General	Pumps	1	1	2
	Mounting	Floor Mounted		
	Dry Weight	26kg		39kg
Performance	Max Fill Pressure	3.0 BAR		
	Max Flow	16 L/min		
Operating Conditions	Pressure Rating	PN10		
	Ambient Temperature	5°C / 40°C		
	Water Temperature	5°C / 35°C		
	Relative Humidity	95% non-condensing		
Connections	Inlet (Mains)	1/2" BSP Male		
	Outlet (System)	22mm Compression	3/4" BSP Female	
	Tank Overflow	22mm		
Tank	Capacity	18 Litres		
	Fluid Category	CAT 5 - AB Air Gap		
	Material	25mm Insulation / WRAS Approved / BS EN 13280:2001		
Features	Pressure Switch	✓	✗	✗
	Digital Controller	✗	✓	✓
	Pressure Gauge	✓	✗	✗
	Fused Spur	✓	✗	✗
	Pressure Vessel	✓	✓	✗
	Dry Run Protection	✗	✓	✓
	Flood Protection	✗	✓	✓
	Password Protection	✗	✓	✓
	Volt-Free Contacts	✗	✓	✓
	QuickFill Option	✗	✓	✓
	Electrical	Supply	230/1/50	
Power		0.3kW	2 x 0.3kW	
Full Load Current		3.46A		

Dimensions

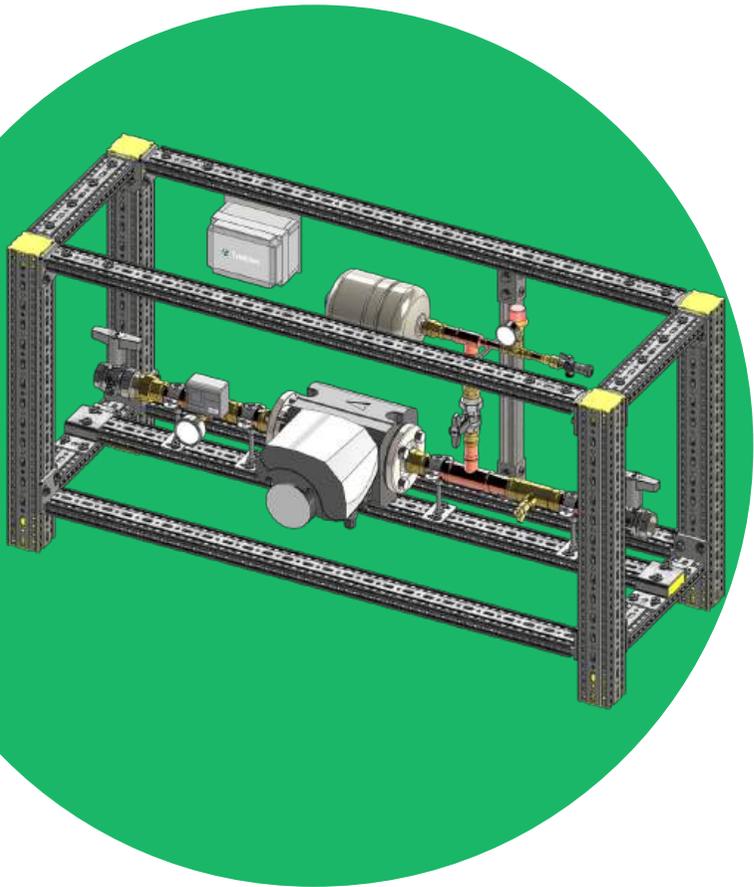


	A	B	C	D	E	F	G	H	I
PH1L	600	390	365	485	480	680	345	265	305
PH1D				430					
PH2D	730					810	410		



RAC

Run Around Coil Packages



- ✓ High-Efficiency Circulator
- ✓ Single Pump
- ✓ 4L Pressure Vessel
- ✓ Safety Relief Valve
- ✓ Low Pressure Switch
- ✓ Pressure Gauge
- ✓ 0-10V Signal Operation
- ✓ Dry Run Protection
- ✓ Auto Air Purge
- ✓ Free-Standing
- ✓ Weatherproof Option
- ✓ 2-Year Guarantee

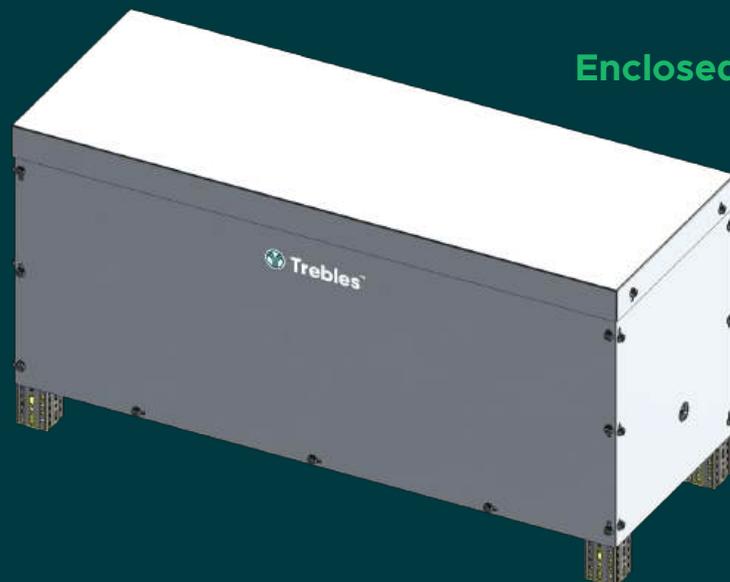
Trebles RAC pump packages offer a prefabricated solution for sealed cooling systems used with air handling units. Each package includes a circulation pump, pressure vessel, low-pressure switch, safety valve, and other necessary components, all housed within a galvanised steel frame. This design significantly reduces installation time on-site.

The pump operates using a 0-10V signal from the air handling unit, ensuring precise synchronisation. It also features built-in dry run protection and an automatic air purge function. The RAC pump package comes with a control box pre-wired for 0-10V signal input, remote start/stop, pump alarm, and a low-pressure switch. Once installed, the RAC unit requires minimal maintenance and can be left unattended for extended periods.

For installations where plant room space is limited, the enclosed option allows for external installation. The Marine Grade Aluminium enclosure protects the equipment and is easily removable for future service and maintenance.

General Characteristics

		5300	5310
General	Mounting	Standard - Open	Enclosed - Weatherproof
	Pressure Rating	10 BAR	
Materials	Frame	Galvanised Steel	
	External Sheets	-	Aluminium 5251
	Pipework	Copper	
	Valves	Nickel Plated Brass	
	Fittings	Copper / Brass / Stainless Steel	
Operating Conditions	Ambient Temperature	0°C / 40°C	
	Water Temperature	-10°C / 110°C	
Pressure Vessel	Capacity	4 Litres	
	Max Pressure	10 BAR	
	Test Pressure	15 BAR	



Enclosed Version

“We relied on Trebles’ expertise to ensure the right products were sourced for each building in our project.”

- M Gidley, JS Wright

Source: Trebles Website

General Characteristics

5301 / 5311		25-40	25-60	25-80	25-100
Connections	Inlet	1" Female BSP			
	Outlet	1" Female BSP			
Electrical	Supply	230/1/50			
	Power (W)	50	100	193	231
	Full Load Current (A)	0.5	1	1.4	1.7
Weight (Kg)	5301	90		95	
	5311	115		120	

5302 / 5312		32-40	32-60	32-80	32-100	32-120F
Connections	Inlet	1-1/4" Female BSP				
	Outlet	1-1/4" Female BSP				
Electrical	Supply	230/1/50				
	Power (W)	50	100	191	233	549
	Full Load Current (A)	0.5	1	1.4	1.7	2.4
Weight (Kg)	5302	93		98		104
	5312	118		123		129

5303 / 5313		40-80F	40-100F	40-120F	40-150F	40-180F
Connections	Inlet	1-1/2" Female BSP				
	Outlet	1-1/2" Female BSP				
Electrical	Supply	230/1/50				
	Power (W)	356	455	544	637	823
	Full Load Current (A)	1.6	2.1	2.4	2.9	3.7
Weight (Kg)	5303	109			113	
	5313	134			138	

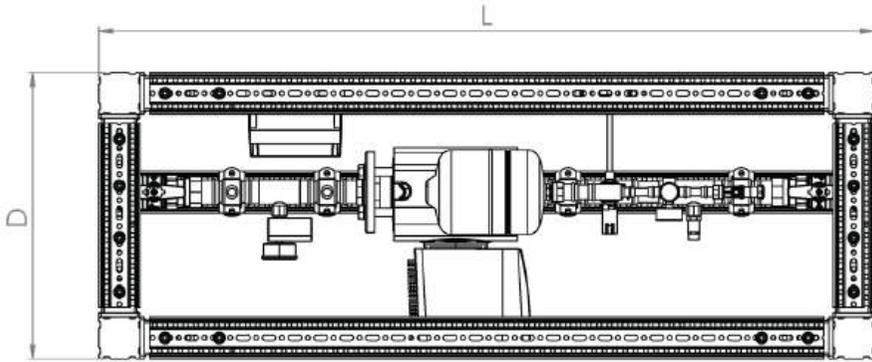
5304 / 5314		50-80F	50-100F	50-120F	50-150F	50-180F
Connections	Inlet	2" Female BSP				
	Outlet	2" Female BSP				
Electrical	Supply	230/1/50				
	Power (W)	377	493	892	1150	1470
	Full Load Current (A)	1.7	2.2	4.0	5.1	6.9
Weight (Kg)	5303	122			128	
	5313	150			156	

“Staff are always very knowledgable and always provide a quick response.”

- Hayden Stringer

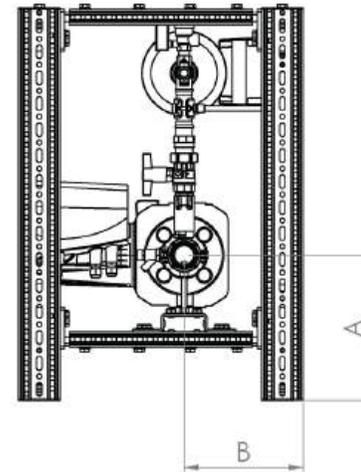
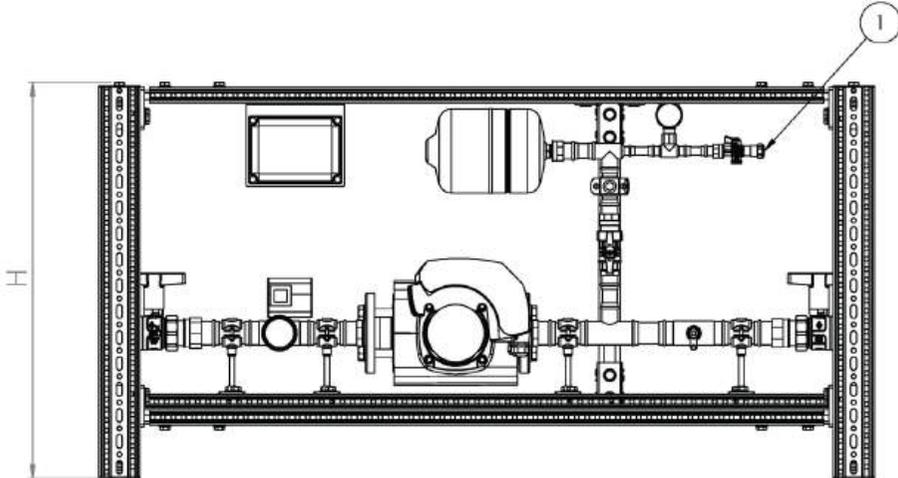
Source: Trustpilot

Dimensions



Series	Line / Pump Size	L	H	D	A	B
5301	DN25	1500	762	550	270	230
5302	DN32				280	
5303	DN40				300	
5304	DN50	1700	493	573	270	230
5311	DN25	1533	765		270	
5312	DN32				280	
5313	DN40	1733	815	573	280	230
5314	DN50				300	

Note	Description
1	Filling Loop Connection



Packaged Plant Rooms

Complete System



- ✓ **Cost Effective**
Work with the space you have rather than costly adaptations.
- ✓ **Fully Bespoke**
Designed to order - no need to compromise.
- ✓ **Expansive Portfolio**
Huge array of products and brands to choose from.
- ✓ **Delivered 'Ready to Go'**
Delivered ready to use - no need for on-site configuration.
- ✓ **UK & European Components**
Only UK & European components are used, ensuring high quality.
- ✓ **Unrivalled Technical Expertise**
Over 50 years of experience in the pumping industry.

Trebles specialise in off-site manufactured packaged plant rooms. Working closely with your engineers, we design and build complete systems off-site, ready for seamless integration.

Door to Door 'Ready to Go'

Trebles' plant rooms are configured and preset to meet your specific requirements. Upon delivery, they are 'plug and play' ready, minimising setup time on site.

Need installation on your building's roof? No problem - Trebles can accommodate that as well.



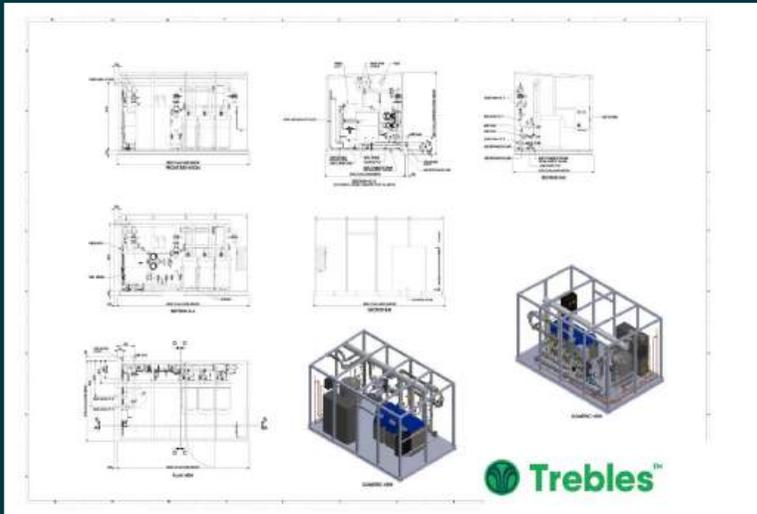


Any Product or Brand

Expansive Portfolio

As a key supplier for leading pump equipment brands such as Grundfos, Lowara, Wilo, and Flamco, Trebles offers an extensive range of components for Plant Room builds.

We exclusively use UK and European components in our plant rooms, ensuring the highest standards of quality control.



Fully Bespoke

Designed to Order

Trebles takes a consultative approach to fully understand client needs, creating a plant room tailored to those specifications. We not only build to order but also assist with the initial scoping phase to ensure the optimal solution is achieved.

Our service includes all aspects of the build, such as fabrication, pipe welding, cladding, insulation, electrical work, and paint finishes. We also provide structural steelwork to BS EN 190 execution class 2 standards.

Skids

Complete System



- ✓ **Technical Expertise**
Department backed by over 55 years of pump experience.
- ✓ **Fully Bespoke**
Designed exactly to your requirements.
- ✓ **Consultative Working**
Key stakeholders are kept informed through design & build.
- ✓ **Time-Saving**
Quicker to build than traditional packaged Plant rooms.
- ✓ **Controlled Solutions**
Delivered directly to the site, ready for integration with existing systems.
- ✓ **Provide Options**
Complete new builds or compatibility with existing systems.

One of Trebles' most popular offerings, skids provide all the advantages of package plant rooms but without the walls. This design aims for the smallest footprint, while maximising valuable space on-site.

Cater For Diverse Needs

Trebles skids are custom-designed and built to meet specific customer requirements, ensuring that virtually any need can be accommodated.





Modular System Time-Saving

Often quicker to build than packaged plant rooms, Trebles skids are delivered ready to 'plug and play.' This minimises downtime and makes the installation process virtually seamless when replacing existing systems.



New or Part System Give Options

Trebles skids give their clients options. With a skid adapted to suit existing pipework or components, it gives on-site project managers the choice of replacing part or whole systems. There is no limit to the possibilities.

Bespoke Fabrications

Complete System



- ✓ **Fully Serviceable**
Designed for longevity.
- ✓ **Close Workings**
Stakeholders are kept informed throughout the whole process.
- ✓ **Energy Efficient**
Solutions for long-term cost savings.
- ✓ **Consultative**
On-site engineers & project managers kept informed & involved where requested.
- ✓ **Tailor-Made**
No need to compromise - get the exact specifications you require.
- ✓ **Economical**
Replace/enhance only what is required rather than whole systems.

Whether it's an unusual booster set, tight space constraints, or compatibility with existing pipework - Trebles' team brings decades of experience to tackle any commercial challenge.

Tailor Made Booster Sets

Trebles offers custom or bespoke booster sets tailored to specific needs. This includes solutions for external applications within weatherproof kiosks or designs accommodating restricted spaces and special pipework configurations.

CAD 3D Design Design Process

Trebles utilises advanced software for designing bespoke products. Our team is fully trained and certified in CAD, ensuring precise and efficient design. We share all drawings with customers throughout the design process in their preferred format, including most CAD and BIM formats.

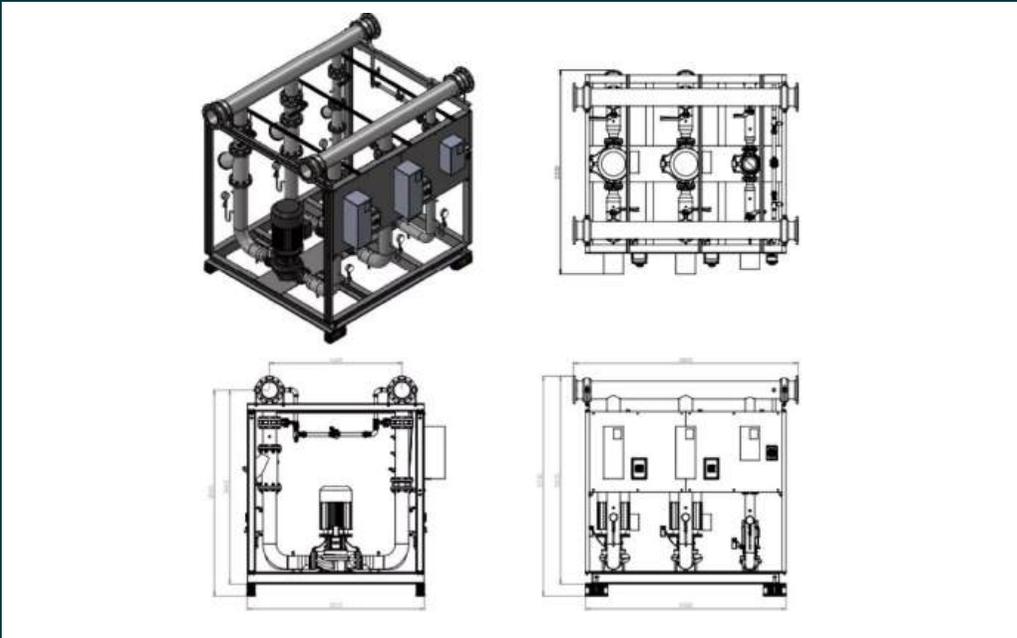
Any Space or Specification The Unusual

Trebles Engineers have extensive experience with unique and challenging requests. Most Trebles fabrications are custom-built to order, allowing us to accommodate a wide range of special requirements. Whether it's limited space, an unusually-shaped plant room, high flow rate needs, or zero downtime demands, Trebles can provide a tailored solution.

Existing System Compatibility

We understand that a new booster or pressurisation unit often needs to integrate perfectly with existing systems.

Trebles can adapt our equipment to fit any product range, brand, or sizing requirements, ensuring compatibility with your current setup without the need for major modifications.



“I would never use another company for our pump supplies, they are 1st class.”

- L. Edwards

Source: Trustpilot

Case Study

The Paradise Circus development, at the heart of Birmingham, is Birmingham's largest development in a generation - with an estimated total cost of £700m.

The nature of the size of the development, plus its location in central Birmingham, meant that the demolition for new building construction had to be done in stages. BAM Construction commissioned JS Wright to manage the building services side of the demolition and construction job.

“The job was complex and time-critical. Any days lost in development would cost the overall project budget thousands of pounds.

We've worked with Trebles for over 20 years now, so the length of our working relationship goes some way to highlight how much we trust them in this specialised area. We knew roughly the type of pump sets and boosters we required – however the technical specifications for the buildings

remaining in place were very limited, so we relied on Trebles' expertise to ensure the right products were sourced for each building.”

Matthew Gidley, Senior Contracts Engineer at JS Wright

Steve Morris, Area Manager for Trebles adds, “This job was almost like a game of chess. The contractors had to establish the order that buildings were to be demolished, whilst we helped ensure the buildings still standing received the levels of building services they required – with a number of them being high-rise.

We went to the site numerous times throughout this project to ensure each requirement was fully specified and worked hand-in-hand with the JS Wright Engineers.

To help with installation speed on-site, both of our boosters were dispatched fully commissioned, ready for JS Wright to install.”

The Paradise Circuit development is due for completion in 2028 – With Trebles working as part of the project team to redevelop the heart of Birmingham's Cultural and Business hub.



Conversions

Pressure & Head

Newton per square metre (N/m ²) (Pa)	Kilo Pascal (kPa)	Bar	Pound Per Square Inch (PSI)	Metre of Water (m H ₂ O)
1	0.001	0.0001	14,500	0.000104
1,000	1	0.01	0.145	0.102
100,000	100	1	14.5	10.197
6,894	6.89	0.689	1	0.703
9,806	9.806	0.981	1.433	1

Volumetric Flow

Litres per Minute (L/min)	Cubic Metres Per Hour (m ³ /hr)	Cubic Feet Per Hour (ft ³ /h)	Imperial Gallon Per Minute (Imp. gal/min)	U.S Gallon Per Minute (US gal/min)
1	0.6	2.1189	0.22	0.2642
16.6667	1	35.3147	3.6662	4.4029
0.4719	0.0283	1	0.1038	0.1247
4.5461	0.2728	9.6326	1	1.2009
3.7854	0.2271	8.0208	0.8327	1

Length

Millimetre (mm)	Centimetre (cm)	Metre (m)	Inch (in)	Foot (ft)
1	0.1	0.01	0.0394	0.0033
10	1	0.1	0.3937	0.0328
1000	100	1	39.37	3.2808
25.4	2.54	0.0254	1	0.0833
304.8	30.48	0.3048	12	1

Temperature

Water	Kelvin (K)	Celsius (°C)	Fahrenheit (°F)
Freezing	0.1	0.01	0.0394
Boiling	1	0.1	0.3937



Get in Touch

HQ, Sales, Service & Manufacturing Centre

GM Treble Ltd.
New Street
Parkfields
Wolverhampton
WV4 6AN

01902 333 111

sales@gmtreble.co.uk

Derby Sales & Service Office

GM Treble Ltd.
Unit 3, Derby Trading Estate
Stores Road
Derby
DE21 4BE

01332 294 366

derbysales@gmtreble.co.uk

London Sales & Service Office

GM Treble Ltd.
Unit 29, Sarum Complex
Salisbury Road
Uxbridge
UB8 2RZ

0208 629 8151

londonsales@gmtreble.co.uk

Trebles - Fluid Circulation Specialists

trebles.co.uk

[in](#) [f](#) [@](#) [X](#)

 **Trebles™**