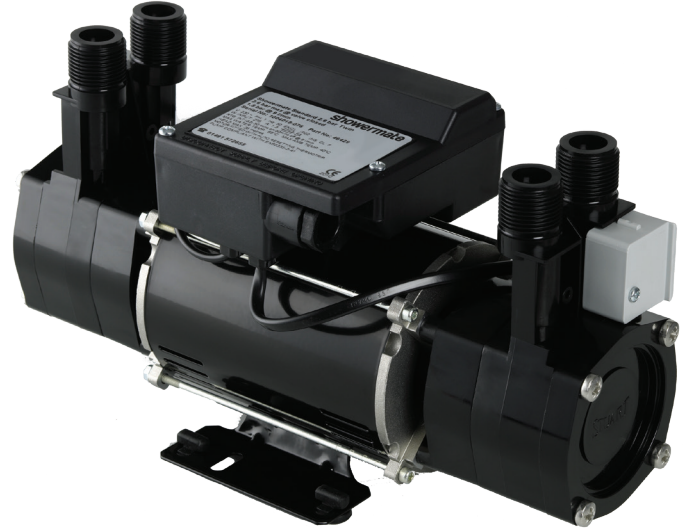


SHOWERMATE

Standard Twin Pumps

Showermate Standard Twin pumps are designed for installation into vented systems to equally boost both the hot and cold water supplies to the bathroom or a single shower.

They require a gravity flow of more than 0.8 litres per minute through the outlet to start and are suitable for positive head applications.

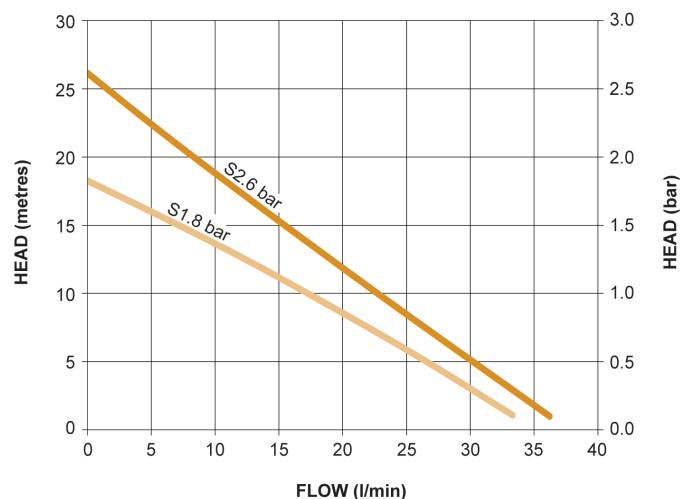


Features

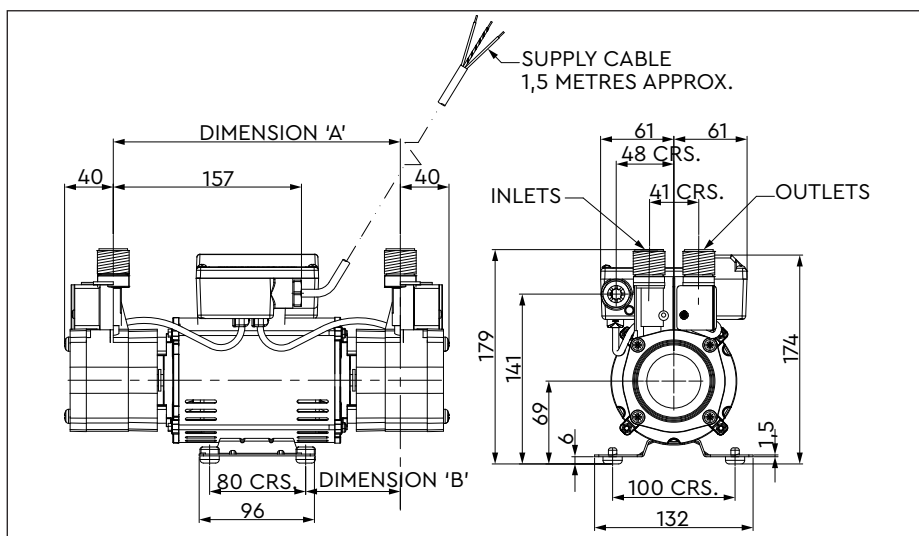
- 3 year guarantee
- 1.8 and 2.6 bar options
- Suitable for positive head applications
- High quality, high performing plastic pump supplied with 15 mm flexible hoses with integral ISO valves
- Quiet operation
- WRAS approved product
- Continuously rated
- Anti-vibration feet
- EPDM/PTFE/Al. Oxide seal
- Pre-wired with 1.5 metre power cable

Application

- Boosting hot and cold water supplies to taps, showers or a complete bathroom in low pressure gravity systems
- Suitable for use where there is already more than 1 litre/min flow from the outlet(s) to be boosted



Pump Model		S1.8 bar Twin 46407	S2.6 bar Twin 46431
General	Guarantee	3 years	
	WRAS approval	1709101	
	Approvals	WRAS, CE	
Features	Pump type	Peripheral	
	Mechanical seal	EPDM / PTFE / Al. Oxide	
	Anti-vibration feet	✓	✓
	Flexible hoses	4	4
	Dry run protection	✓	✓
	Typical noise	55 dB(A)	56 dB(A)
Materials	Pump body	Plastic	
	Impeller	Plastic	
Performance	Maximum head – closed valve	1.8 bar (18 metres)	2.6 bar (26 metres)
	Performance @ 9 l/min	1.5 bar	1.9 bar
	Performance @ 18 l/min	0.8 bar	1.3 bar
	Maximum flow	33 l/min	36 l/min
	Maximum static inlet pressure	13 metres	
	Maximum working pressure*	380 kPa (3.8 bar)	
	Maximum ambient air temperature	40 °C	
	Min / Max water temperature**	Min 4 °C / Max 65 °C	
	Flow switch sensitivity	0.8 l/min (approx)	
Connections	Pump connections	G ¾ male	
Flexible hoses	Connections (UK model)	G ¾ female x 15 mm push-in x 200 mm long, isolating valves on inlet hoses	
Motor	Type	Induction, auto-reset thermal trip	
	Duty rating	Continuous (S1) @ 9 l/min and above ***	
Electrical	Power supply (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz	
	Current – full load	1.8 Amps	2.2 Amps
	Power consumption – P1	405 Watts	505 Watts
	Fuse rating	5 Amps	
	Power cable length	1.5 metres (pre-wired)	
Physical	Enclosure protection	IP22	
	Length	304 mm	319 mm
	Width	132 mm	
	Height – excluding hoses	179 mm	
	Weight – including fittings	4.6 Kg	5.4 Kg



* The maximum pressure that can be applied to the pump under any installation conditions.

** A stored water temperature of 60 °C is considered sufficient to meet all normal requirements and will minimise deposition of scale in hard water areas.

*** Both heads pumping 4.5 l/min and above.

Pump Description	Dim. 'A'	Dim. 'B'
S1.8 bar Twin	224 mm	71 mm
S2.6 bar Twin	239 mm	79 mm