

showermate

Universal Twin Pumps

Universal Twin pumps are designed to boost the incoming hot and cold water supply to a shower, bath, shower mixer or mixer tap. Suitable for both positive and negative head applications.

Suitable for domestic use only, Showermate Universal pumps are suitable for installation into open vented hot and cold water systems.

Universal pumps do not require a gravity flow of water to start.

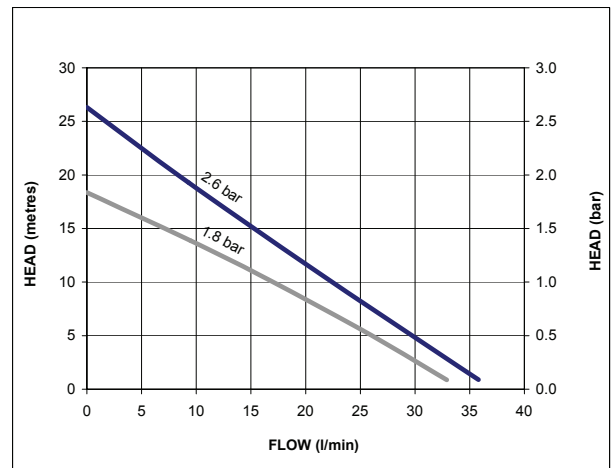


Features

- Durable plastic construction
- 1.8 and 2.6 bar performance options
- Automatic switching
- EPDM/PTFE/Al. Oxide seal
- Fully automatic
- Continuously rated
- 15 mm push-in flexible hoses with integral isolating valves on inlets
- G $\frac{3}{4}$ threaded connections
- Pre-wired with 1.5 metre power cable
- Anti-vibration feet
- 3-year guarantee (subject to conditions)

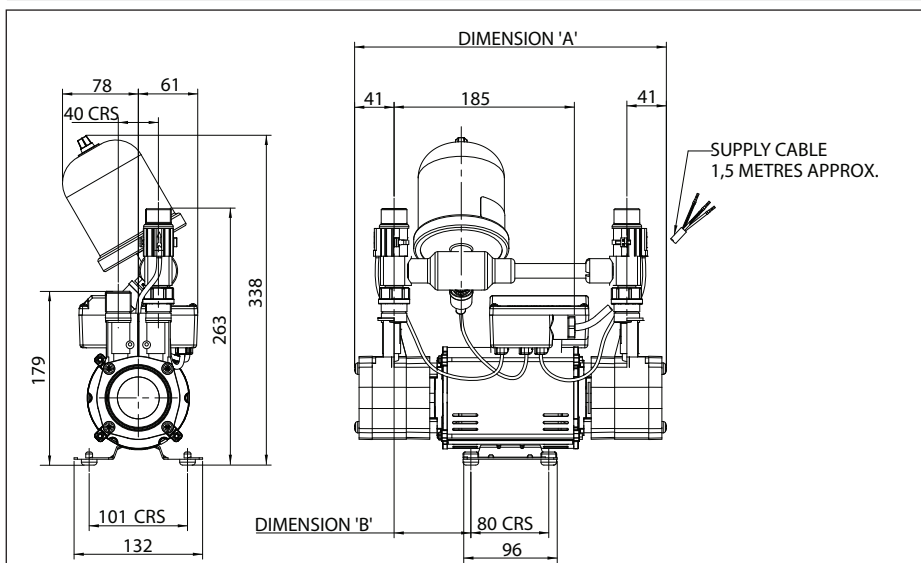
Application

- Boost hot and cold water supplies equally
- Suitable for single or multiple (up to 4) outlets within a bathroom subject to correct specification and pump sizing



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Pump Model		U1.8 bar Twin 46532	U2.6 bar Twin 46533
General	Guarantee	3 years	
	WRAS approval	1212078	
Features	Pump type	Peripheral	
	Mechanical seal	EPDM / PTFE / Al. Oxide	
	Anti-vibration feet	✓	✓
	Flexible hoses	4	4
	Run on Timer	3 sec	3 sec
	Dry run protection	✓	✓
Materials	Pump body	Plastic	
	Impeller	Plastic	
Performance	Maximum head (closed valve)	1.8 bar	2.6 bar
	Performance @ 9 l/min	1.4 bar	2.0 bar
	Performance @ 18 l/min	0.8 bar	1.3 bar
	Maximum flow	33 l/min	36 l/min
	Maximum static inlet pressure	6 metres	
	Maximum static outlet pressure	6 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 (approx)	0.8 l/min	
	Pressure vessel air pre-charge	1.5 bar (21.75 psi)	
Connections	Pump connections	G ¾ male	
Flexible hoses	Connections	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 / phase / frequency	230 V a.c. / 1 / 50 Hz	
	Current (full load)	1.9 Amps	2.5 Amps
	Power consumption	440 Watts	610 Watts
	Fuse rating	5 Amps	
	Power cable (pre-wired)	1.5 metres	
Physical	Enclosure protection	IP22	
	Length	305 mm	320 mm
	Width	139 mm	
	Height (excluding hoses)	338 mm	
	Weight (including fittings)	5.6 Kg	6.4 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'
U1.8 bar Twin	305 mm	72 mm
U2.6 bar Twin	320 mm	79 mm