

# SHOWERMATE

## Universal Twin Pumps

Universal Twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies boosting both equally. Suitable for both positive and negative head applications.

They offer a high quality option for boosting water in a complete bathroom or to an individual shower.

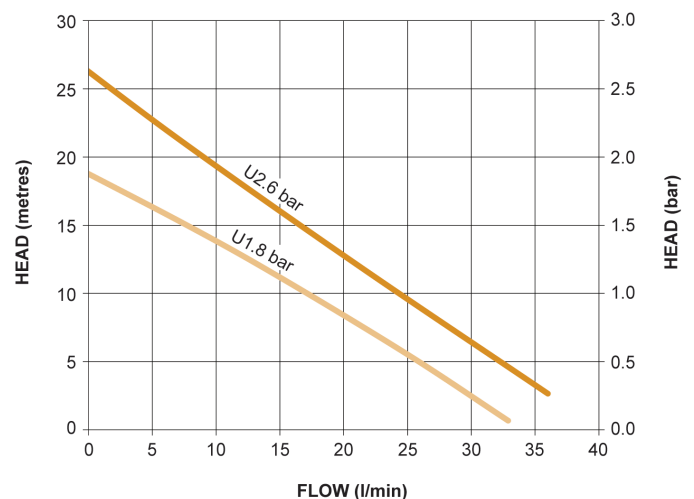


### Features

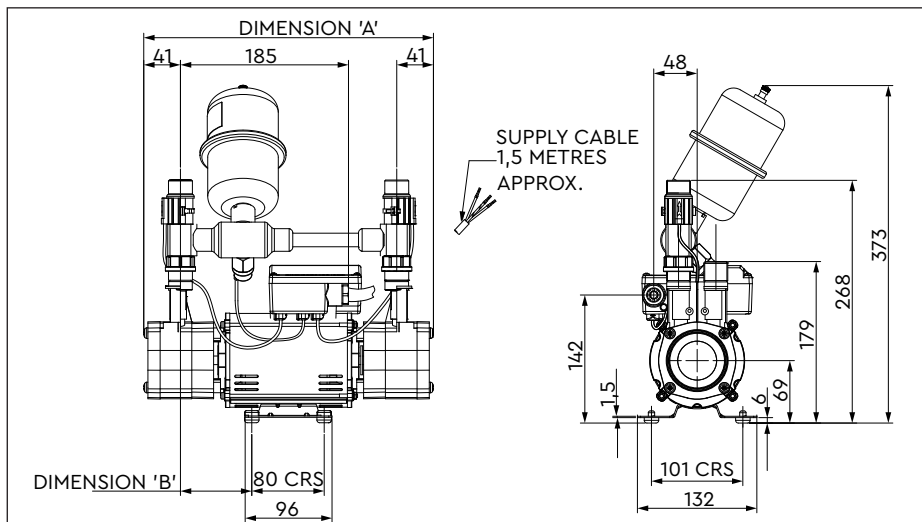
- 3 year guarantee
- 1.8 and 2.6 bar options
- Suitable for positive or negative head applications
- High quality, high performing plastic pump supplied with 15 mm flexible hoses with integral ISO valves
- Quiet operation
- WRAS approved product
- Continuously rated
- Anti-vibration feet
- EPDM/PTFE/Al. 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 less than 1 litre/min flow from the outlet(s) to be boosted



Pump Model		U1.8 bar Twin 46532	U2.6 bar Twin 46533
General	Guarantee	3 years	
	WRAS approval	1707078	
	Approvals	WRAS, CE	
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	✓	✓
	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	1.4 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	0.8 l/min (approx)	
	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 (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz	
	Current – full load	1.9 Amps	2.5 Amps
	Power consumption – P1	440 Watts	610 Watts
	Fuse rating	5 Amps	
	Power cable length	1.5 metres (pre-wired)	
Physical	Enclosure protection	IP22	
	Length	305 mm	320 mm
	Width	163 mm	
	Height – excluding hoses	373 mm	
	Weight – including fittings	5.5 Kg	6.3 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

Stuart Turner Limited reserves the right to amend specifications without notice.

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