

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.







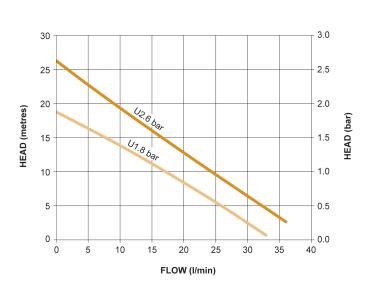


Features

- 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

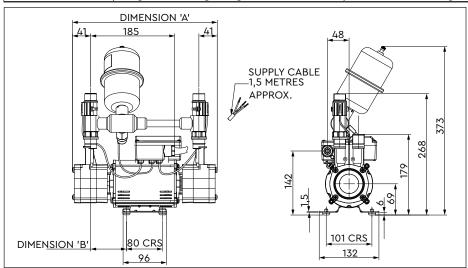
Application

- 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





General Guarantee 3 years 1707078 17	Pump Model		U1.8 bar Twin 46532	U2.6 bar Twin 46533	
Approvals	General	Guarantee	3 years		
Pump type		WRAS approval			
Mechanical seal		Approvals	WRA	S, CE	
Anti-vibration feet	Features	Pump type	Perip	pheral	
Flexible hoses		Mechanical seal	EPDM / PTF	E / Al. Oxide	
Run on Timer 3 sec 3 sec		Anti-vibration feet	✓		
Dry run protection Typical noise 55 dB(A) 56 dB(A)		Flexible hoses	4	4	
Typical noise S5 dB(A) S6 dB(A)		Run on Timer	3 sec	3 sec	
Pump body Plastic Performance Performance 9 l/min 1.8 bar 2.6 bar (26 metres) Performance 9 l/min 0.8 bar 1.3 bar Performance 18 l/min 0.8 bar 1.3 bar Performance 18 l/min 33 l/min 36 l/min Maximum flow Maximum static inlet 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 Plow switch sensitivity 0.8 l/min (approx) Pressure vessel air pre-charge 1.5 bar (21.75 psi) Pump connections G ¾ male Plastic Pump connections G ¾ female x 15 mm push-in x 200 mm long, isolating valves on inlet 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 consumption - P1 440 Watts 5 Amps Power consumption - P1 Pump consumption - P1		Dry run protection	✓	i	
Impeller		Typical noise	55 dB(A)	56 dB(A)	
Impeller	Materials	Pump body			
Performance			Pla	Plastic	
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 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 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 5 Amps	Performance	Maximum head – closed valve			
Maximum flow33 l/min36 l/minMaximum static inlet pressure6 metresMaximum static outlet pressure6 metresMaximum working pressure*380 kPa (3.8 bar)Maximum ambient air temperature40 °CMin / Max water temperature**Min 4 °C / Max 65 °CFlow switch sensitivity0.8 l/min (approx)Pressure vessel air pre-charge1.5 bar (21.75 psi)ConnectionsPump connectionsG ¾ maleFlexible hosesConnectionsG ¾ female x 15 mm push-in x 200 mm long, isolating valves on inletMotorTypeInduction, auto-reset thermal tripDuty ratingContinuous (S1) @ 9 l/min and above***ElectricalPower supply (Vac/Ph/Hz)230 V a.c. / 1 / 50 HzCurrent - full load1.9 Amps2.5 AmpsPower consumption - P1440 Watts610 WattsFuse rating5 Amps		Performance @ 9 I/min	1.4 bar	2.0 bar	
Maximum static inlet pressure6 metresMaximum static outlet pressure6 metresMaximum working pressure*380 kPa (3.8 bar)Maximum ambient air temperature40 °CMin / Max water temperature**Min 4 °C / Max 65 °CFlow switch sensitivity0.8 l/min (approx)Pressure vessel air pre-charge1.5 bar (21.75 psi)ConnectionsG ¾ maleFlexible hosesConnectionsG ¾ female x 15 mm push-in x 200 mm long, isolating valves on inletMotorTypeInduction, auto-reset thermal tripDuty ratingContinuous (S1) @ 9 l/min and above***ElectricalPower supply (Vac/Ph/Hz)230 V a.c. / 1 / 50 HzCurrent - full load1.9 Amps2.5 AmpsPower consumption - P1440 Watts610 WattsFuse rating5 Amps		Performance @ 18 I/min	0.8 bar	1.3 bar	
Maximum static outlet pressureMaximum working pressure*380 kPa (3.8 bar)Maximum ambient air temperature40 °CMin / Max water temperature**Min 4 °C / Max 65 °CFlow switch sensitivity0.8 l/min (approx)Pressure vessel air pre-charge1.5 bar (21.75 psi)ConnectionsPump connectionsG ¾ maleFlexible hosesConnectionsG ¾ female x 15 mm push-in x 200 mm long, isolating valves on inletMotorTypeInduction, auto-reset thermal tripDuty ratingContinuous (S1) @ 9 l/min and above***ElectricalPower supply (Vac/Ph/Hz)230 V a.c. / 1 / 50 HzCurrent - full load1.9 Amps2.5 AmpsPower consumption - P1440 Watts610 WattsFuse rating5 Amps		Maximum flow	33 l/min	36 l/min	
Maximum working pressure*380 kPa (3.8 bar)Maximum ambient air temperature40 °CMin / Max water temperature**Min 4 °C / Max 65 °CFlow switch sensitivity0.8 l/min (approx)Pressure vessel air pre-charge1.5 bar (21.75 psi)ConnectionsG ¾ maleFlexible hosesConnectionsG ¾ female x 15 mm push-in x 200 mm long, isolating valves on inletMotorTypeInduction, auto-reset thermal tripDuty ratingContinuous (S1) @ 9 l/min and above***ElectricalPower supply (Vac/Ph/Hz)230 V a.c. / 1 / 50 HzCurrent - full load1.9 Amps2.5 AmpsPower consumption - P1440 Watts610 WattsFuse rating5 Amps		Maximum static inlet pressure			
Maximum ambient air temperature40 °CMin / Max water temperature**Min 4 °C / Max 65 °CFlow switch sensitivity0.8 l/min (approx)Pressure vessel air pre-charge1.5 bar (21.75 psi)ConnectionsG ¾ maleFlexible hosesConnectionsG ¾ female x 15 mm push-in x 200 mm long, isolating valves on inletMotorTypeInduction, auto-reset thermal tripDuty ratingContinuous (S1) @ 9 l/min and above***ElectricalPower supply (Vac/Ph/Hz)230 V a.c. / 1 / 50 HzCurrent - full load1.9 Amps2.5 AmpsPower consumption - P1440 Watts610 WattsFuse rating5 Amps		Maximum static outlet pressure	6 metres		
Min / Max water temperature** Flow switch sensitivity Pressure vessel air pre-charge Connections Pump connections Flexible hoses Connections G ¾ male Connections G ¾ female x 15 mm push-in x 200 mm long, isolating valves on inlet Motor Type Induction, auto-reset thermal trip Duty rating Continuous (S1) @ 9 l/min and above*** Electrical Power supply (Vac/Ph/Hz) Current - full load Power consumption - P1 Fuse rating Min 4 °C / Max 65 °C 0.8 l/min (approx) 1.5 bar (21.75 psi) Coffinious (S1) @ 9 l/min and load above*** 1.5 bar (21.75 psi) Connections G ¾ female x 15 mm push-in x 200 mm long, isolating valves on inlet Continuous (S1) @ 9 l/min and above*** 1.7 S Hz 1.8 Amps 2.5 Amps Fuse rating		Maximum working pressure*	380 kPa (3.8 bar)		
Flow switch sensitivity Pressure vessel air pre-charge Connections Pump connections Flexible hoses Connections G ¾ male Connections G ¾ female x 15 mm push-in x 200 mm long, isolating valves on inlet Motor Type Induction, auto-reset thermal trip Duty rating Continuous (S1) @ 9 l/min and above*** Electrical Power supply (Vac/Ph/Hz) Current - full load 1.9 Amps 2.5 Amps Power consumption - P1 440 Watts Fuse rating 5 Amps		Maximum ambient air temperature	40 °C		
Pressure vessel air pre-charge Connections Pump connections Flexible hoses Connections G ¾ male Connections G ¾ female x 15 mm push-in x 200 mm long, isolating valves on inlet Induction, auto-reset thermal trip Duty rating Continuous (S1) @ 9 l/min and above*** Electrical Power supply (Vac/Ph/Hz) Current - full load 1.9 Amps 2.5 Amps Power consumption - P1 Fuse rating 1.5 bar (21.75 psi) C ¾ female x 15 mm push-in x 200 mm long, isolating valves on inlet Induction, auto-reset thermal trip Continuous (S1) @ 9 l/min and above*** 230 V a.c. / 1 / 50 Hz Current - full load 1.9 Amps 2.5 Amps		Min / Max water temperature**	Min 4 °C / Max 65 °C		
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 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		Flow switch sensitivity	0.8 l/min (approx)		
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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	Connections	Pump connections			
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Current – full load 1.9 Amps 2.5 Amps Power consumption – P1 440 Watts 610 Watts Fuse rating 5 Amps			Continuous (S1) @ 9 l/min and above***		
Power consumption – P1 440 Watts 610 Watts Fuse rating 5 Amps	Electrical	Power supply (Vac/Ph/Hz)			
Fuse rating 5 Amps			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)		Power cable length	1.5 metres	(pre-wired)	
	Physical		IP22		
Length 305 mm 320 mm		·	305 mm	320 mm	
Width 163 mm			163 mm		
Height – excluding hoses 373 mm		Height - excluding hoses			
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 I/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.