

monsoon extra

Pressure Sets

Monsoon Extra Pressure Sets solve the problem of poor cold water mains pressure. The pressure set incorporates a multistage pump mounted on to a 24 litre diaphragm tank and is designed to be installed in conjunction with a cold water break cistern to locally boost cold water supplies. Operation is fully automatic, requiring no on-site commissioning.

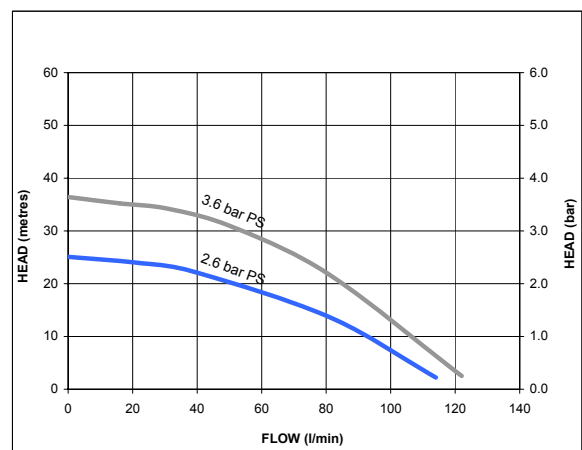


Features

- Robust brass/stainless steel construction
- 2.6 and 3.6 bar performance options
- Supplied complete with a WRAS approved 24 litre diaphragm tank to reduce pump starts and improve efficiency
- Supplied fully assembled & ready to install, including 2 x G 1 flexible hoses, inlet strainer & pre-wired
- Fully automatic control
- No on-site setting/commissioning
- Dry run protection
- Unique control system stops pump pulsing in operation
- Quiet & reliable operation
- 3 year guarantee (subject to conditions)

Application

- In the home Monsoon Extra Pressure Sets are typically used to boost cold water supplies to Combination Boiler or Pressurised Un-vented stored hot water systems
- In light commercial applications they can be used to boost cold water supplies to laundries, kitchens, hotels & sports/leisure facilities



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Pump Model		2.6 bar PS 46601	3.6 bar PS 46602
General	Guarantee	3 years	
	WRAS approval	Compliant	
Features	Pump type	Centrifugal	
	Mechanical seal	EPDM / Carbon / Ceramic	
	Anti-vibration feet	✓	✓
	Inlet strainer(s)	✓	✓
	Flexible hoses	2	2
	Run on timer	3 sec	3 sec
	Dry run protection	✓	✓
	Diaphragm tank size	24 litres	
	Diaphragm tank water capacity	12 litres	
Performance	Maximum head (closed valve)	2.6 bar	3.6 bar
	Performance @ 45 l/min	2.2 bar	3.3 bar
	Performance @ 90 l/min	1.2 bar	2.0 bar
	Maximum flow	118 l/min	121 l/min
	Maximum static inlet pressure	10 metres	
	Maximum static outlet pressure	13 metres	
	Maximum working pressure*	600 kPa (6 bar)	900 kPa (9 bar)
	Maximum ambient air temperature	40 °C	
	Min / Max water temperature	Min 4 °C / Max 35 °C	
	Flow switch sensitivity (approx)	1.0 l/min	
	Pressure vessel air pre-charge	2.1 bar (30.5 psi)	
	Cut in flow	1 l/min (approx)	
	Cut in pressure	180 kPa (1.8 bar)	
Connections	Pump connections	G 1 male	
Flexible hoses	Connections	G 1 male x G 1 female x 300 mm long	
Motor	Type	Induction type, thermally protected	
	Duty rating	Continuous (S1)	
Electrical	Power supply / phase / frequency	230 V a.c. / 1 / 50 Hz	
	Current (full load)	3.5 Amps	5.1 Amps
	Power consumption	775 Watts	1136 Watts
	Fuse rating	13 Amps	
	Power lead (pre-wired)	1.5 metres	
Physical	Enclosure protection	IPX5	
	Length	541 mm	
	Width	300 mm	
	Height (excluding hoses)	633 mm	
	Weight (including fittings)	18.7 Kg	20.1 Kg

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

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