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CH Boostamatic Pressure Switch Pumps

The CH Boostamatic range of centrifugal multistage pressure switch pumps provide the answer to having a fully automated pressurised water supply.

This range has been designed to provide a pressurised water supply from a break tank in either a positive or negative head application, as it does not rely on gravity flow to activate.

The range is suitable for commercial or domestic use, pumping hot or cold water.

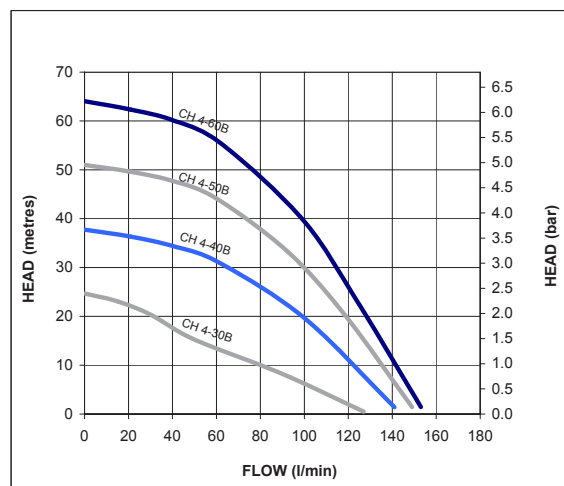


Features

- Fully automatic control - positive and negative head
- No on-site setting/commissioning
- Built in 'no water' cut out
- No pulsing during operation
- Easy installation
- Reliable
- Quiet operation
- 1 year guarantee (subject to conditions)

Application

- The range is suitable for commercial or domestic use, pumping hot or cold water.

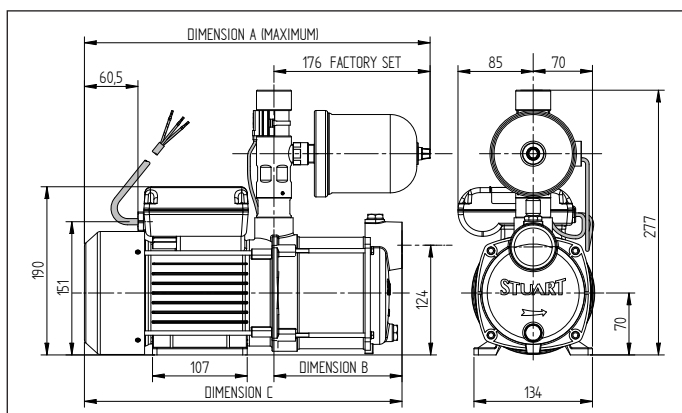


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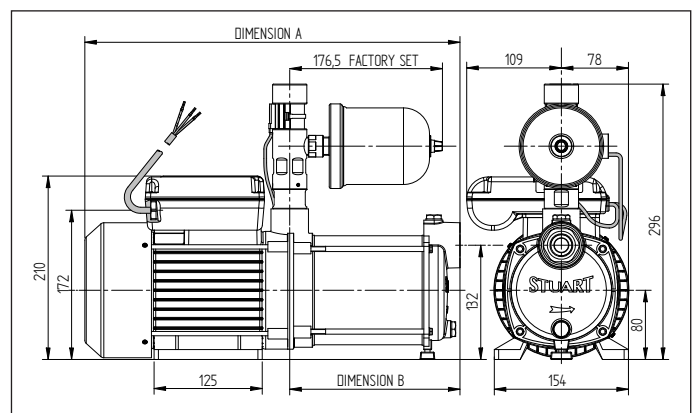
Pump Model		CH 4-30 B 46607	CH 4-40 B 46608	CH 4-50 B 46609	CH 4-60 B 46610
General	Guarantee	1 year			
Features	Pump type	Centrifugal			
	Mechanical seal	EPDM / Carbon / Ceramic			
	Run on Timer	3 sec	3 sec	3 sec	3 sec
	Dry run protection	✓	✓	✓	✓
Performance	Maximum head (closed valve)	2.6 bar	3.7 bar	5.0 bar	6.2 bar
	Performance @ 9 l/min	2.5 bar	3.8 bar	5.0 bar	6.3 bar
	Performance @ 80 l/min	1.6 bar	2.6 bar	3.8 bar	4.9 bar
	Maximum flow	128 l/min	141 l/min	150 l/min	157 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	50 °C			
	Min / Max water temperature**	Min 4 °C / Max 65 °C			
	Cut out flow	1 l/min (approx)			
	Cut in pressure	180 kPa (1.8 bar)			
	Pressure vessel air pre-charge	2.1 bar (30 psi)			
Connections	Pump connections	G 1¼ female (inlet), G 1 female (outlet)			
Motor	Type	Induction, auto-reset thermal trip			
	Duty rating	Continuous (S1) @ 2.5 l/min and above			
Electrical	Power supply / phase / frequency	230 V a.c. / 1 / 50 Hz			
	Current (full load)	3.6 Amps	5.4 Amps	7.3 Amps	8.8 Amps
	Power consumption	800 Watts	1193 Watts	1650 Watts	1986 Watts
	Fuse rating	13 Amps			
	Power cable (pre-wired)	0.75 metres			
Physical	Enclosure protection	IPX5			
	Length	391 mm		431 mm	
	Width	155 mm		187 mm	
	Height (excluding hoses)	277 mm		296 mm	
	Weight (including fittings)	11.2 Kg	13.6 Kg	17.7 Kg	19.0 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.



Pump Description	Dim. 'A'	Dim. 'B'	Dim. 'C'
CH 4-30 B	391 mm	144 mm	360 mm
CH 4-40 B	391 mm	169 mm	384 mm



Pump Description	Dim. 'A'	Dim. 'B'
CH 4-50 B	431 mm	198 mm
CH 4-60 B	456 mm	222 mm

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