

# STUART

## CH Single Stage Boostamatic

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 CH 12-14 B is suitable for commercial or domestic use, pumping hot or cold water and supplied with G 1 flexible hoses.



50 Hz

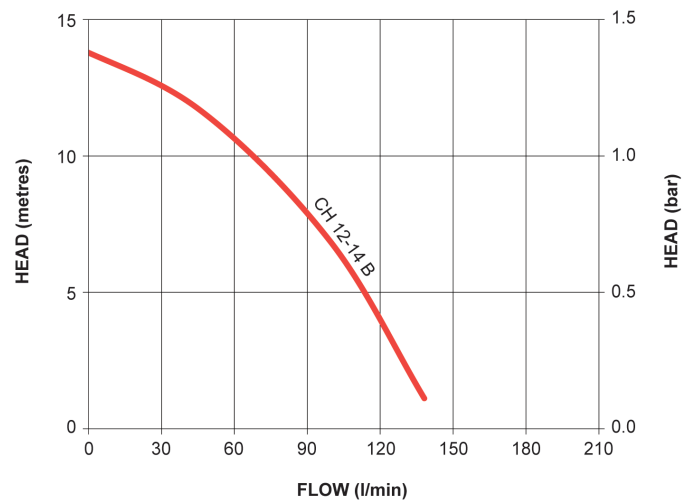


### Features

- Flow rates up to 120 litres per minute and heads up to 14 metres
- Fully automatic control
- No pulsing during operation
- High quality brass pump head
- Centrifugal single stage pump
- Quiet operation
- WRAS Approved Product
- Continuously rated induction motor
- 2 year guarantee

### Application

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

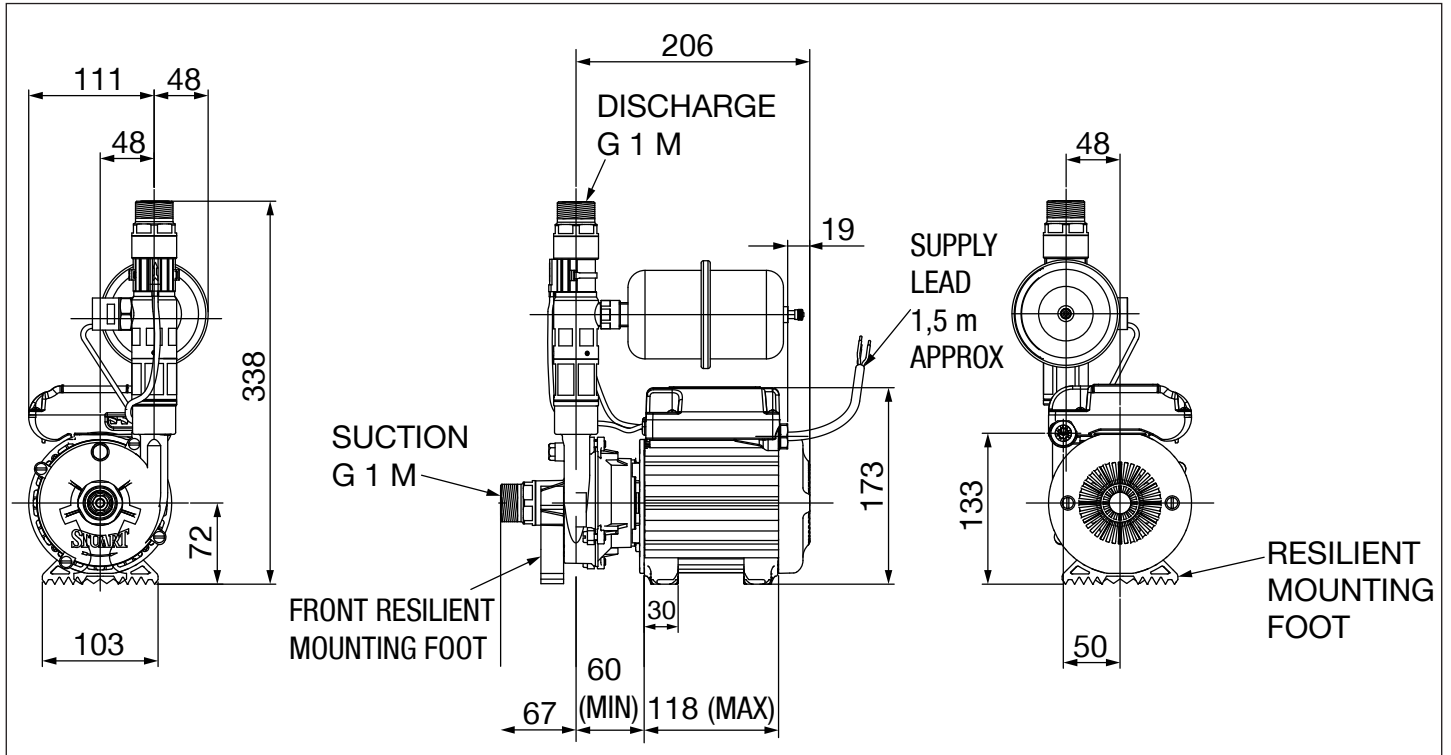


Pump Model		CH 12-14 B 50 Hz 46349
General	Guarantee	2 years
	WRAS approval	1709116
	Approvals	WRAS, CE
Features	Pump type	Centrifugal single stage
	Pump control	Pressure/flow switch
	Anti-vibration feet	✓
	Inlet strainer(s)	✓
	Flexible hoses	2
	Run on Timer	3 sec
	Dry run protection	✓
	Priming vent plug	✓
	Self priming	✓
	Typical noise	64 dB(A)
Materials	Pump body	Brass
	Impeller	Plastic
	Mechanical seal	EPDM / PTFE /Al. Oxide
Performance	Maximum head – closed valve	1.4 bar (14 metres)
	Performance @ 50 l/min	1.11 bar (11.3 metres)
	Performance @ 100 l/min	0.62 bar (6.3 metres)
	Maximum flow	138 l/min
	Minimum static inlet pressure	0.1 bar (1 metre)
	Maximum static inlet pressure	0.6 bar (6 metres)
	Maximum static outlet pressure	0.6 bar (6 metres)
	Maximum working pressure*	600 kPa (6 bar)
	Maximum ambient air temperature	40 °C
	Min / Max water temperature**	Min 4 °C / Max 65 °C
	Flow switch sensitivity (approx)	1.0 l/min
	Cut in pressure	80 kPa (0.8 bar)
	Pressure vessel air pre-charge	0.9 bar (13 psi)
Maximum suction lift***	4.6 metres	
Connections	Pump connections	G 1 male
Flexible hoses	Connections	G 1 male x G 1 female x 300 mm long
	Anti-vibration hose (diameter)	G 1
Motor	Type	Induction, auto-reset thermal trip
	Duty rating	Continuous (S1)
Electrical	Power supply (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz
	Power consumption – P1	415 Watts
	Current – full load	1.8 Amps
	Fuse rating	5 Amps
	Power cable length	1.5 metres (pre-wired)
Physical	Enclosure protection	IPX4
	Length	273 mm
	Width	159 mm
	Height – excluding hoses	338 mm
	Weight – including fittings	8.7 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.

\*\*\*With footvalve fitted.



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

Stuart Turner Ltd, Henley-on-Thames, Oxfordshire RG9 2AD Tel: +44 (0) 1491 572655 Fax: +44 (0) 1491 573704  
TechAssist Helpline +44 (0) 800 31 969 80  
[www.stuart-turner.co.uk](http://www.stuart-turner.co.uk)

Pt. No. 20611 Issue 4119/2-01