

# STUART

## CH Single Stage Automatic Flow Switch

Ideal for the pressurisation of water to outlets in a positive head application where an instant boosted supply is required from a simple to install package.

The range is suitable for commercial or domestic use, pumping hot or cold water and supplied with G 1 flexible hoses.

50 Hz

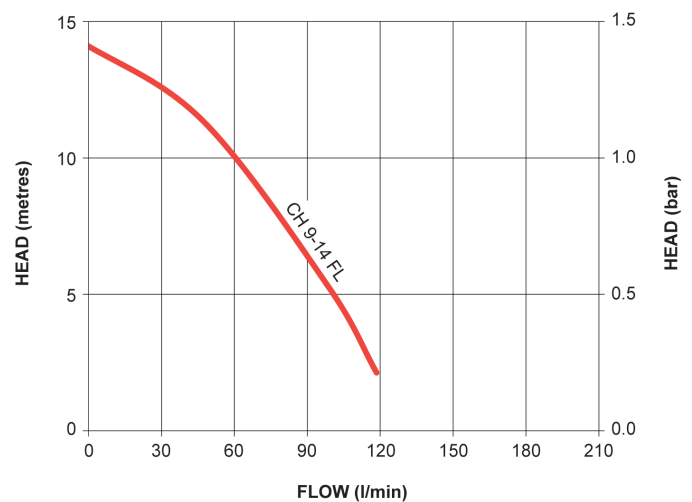


### Features

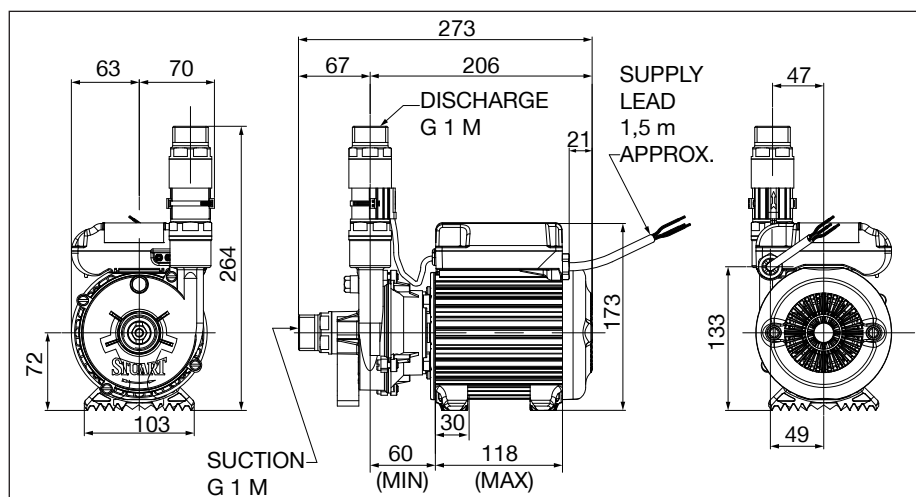
- Flow rates up to 120 litres per minute and heads up to 14 metres
- Automatic flow switch control
- No pulsing during operation
- High quality brass pump head
- Centrifugal single stage pump
- Quiet operation
- WRAS Approved Product
- Continuously rated induction motor
- 2 year guarantee

### Application

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



Pump Model		CH 9-14 FL 50 Hz 46387
General	Guarantee	2 years
	WRAS approval	1709116
	Approvals	WRAS, CE
Features	Pump type	Centrifugal single stage
	Pump control	Flow switch
	Anti-vibration feet	✓
	Inlet strainer(s)	✓
	Flexible hoses	2
	Dry run protection	✓
	Priming vent plug	✓
	Typical noise	57 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	1.09 bar (11.1 metres)
	Performance @ 100 l/min	0.41 bar (4.2 metres)
	Maximum flow	120 l/min
	Minimum static inlet pressure	0.1 bar (1 metre)
	Maximum static inlet pressure	1.4 bar (14 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
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 type, thermally protected
	Duty rating	Continuous S1
Electrical	Power supply (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz
	Power consumption - P1	445 Watts
	Current - full load	2.0 Amps
	Fuse rating	5 Amps
	Power cable length	1.5 metres (pre-wired)
Physical	Enclosure protection	IPX4
	Length	273 mm
	Width	133 mm
	Height - excluding hoses	264 mm
	Weight - including fittings	7.7 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.

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

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