

**stuart**

## CH Single Stage Automatic Flow Switch

The CH Single Stage Automatic Flow Switch range of centrifugal pumps are ideal for the pressurisation of water to outlets in a positive head application, where a gravity flow of approx. 1 l/min already exists.

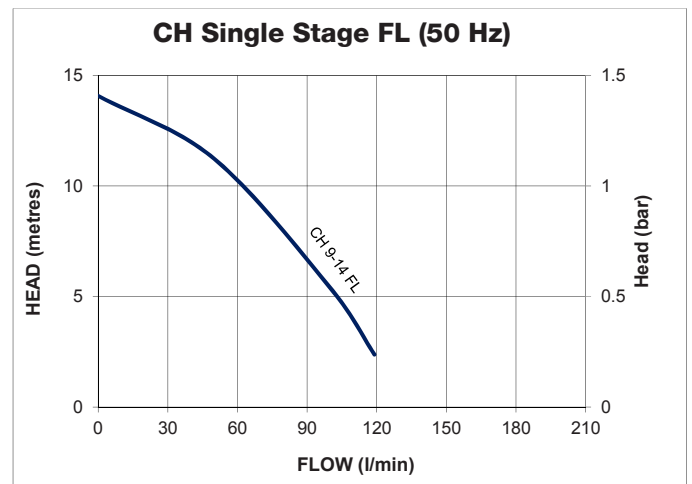


### Features

- Fully automatic control - positive head
- No on-site setting/commissioning
- Built in 'no water' cut out
- No pulsing in operation
- Easy installation
- Reliable
- Quiet operation

### Application

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



For further advice on selecting the correct pump call or e-mail [info@stpumps.co.uk](mailto:info@stpumps.co.uk)

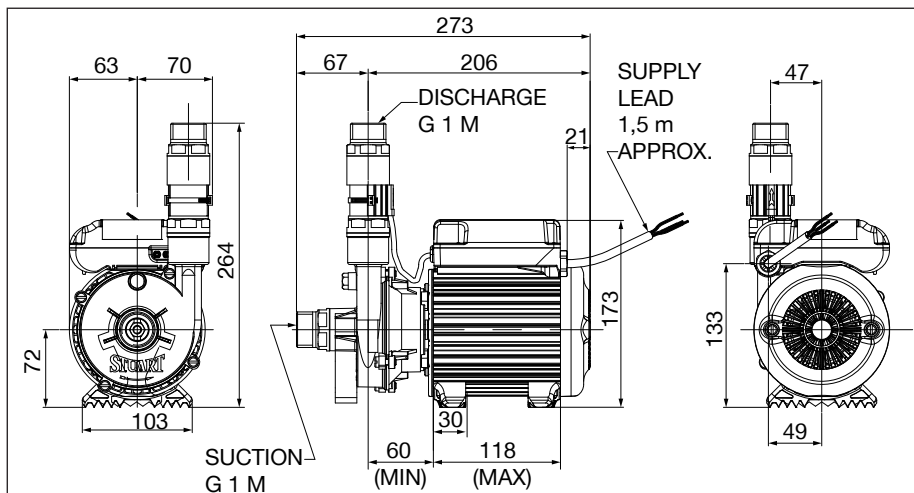
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# stuart

Pump Model		CH 9-14 FL 50 Hz 46387
General	Guarantee	2 years
	WRAS approval	Approved materials
Features	Pump type	Centrifugal
	Mechanical seal	EPDM / PTFE / Al. Oxide
	Anti-vibration feet	✓
	Inlet strainer(s)	✓
	Flexible hoses	2
	Dry run protection	✓
Materials	Pump body	Brass
	Impeller	Plastic
Performance	Maximum head (closed valve)	1.4 bar
	Performance @ 45 l/min	1.2 bar
	Performance @ 90 l/min	0.7 bar
	Maximum flow	120 l/min
	Minimum static inlet pressure	1 metre
	Maximum static inlet pressure	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
Connections	Pump connections	G 1 female
	Connections	G 1 male x G 1 female x 300 mm long
Motor	Type	Induction, auto-reset thermal trip
	Duty rating	Continuous (S1)
Electrical	Power supply / phase / frequency	230 V a.c. / 1 / 50 Hz
	Current (full load)	2.0 Amps
	Power consumption	445 Watts
	Fuse rating	5 Amps
	Power cable (pre-wired)	1.5 metres
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.

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