

CH Automatic Flow Switch Pumps

The CH Automatic Flow Switch range of centrifugal multistage pumps offer a simple solution to pressure boosting where a gravity flow of approx. 1 l/min already exists.

Application

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.

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

Materials

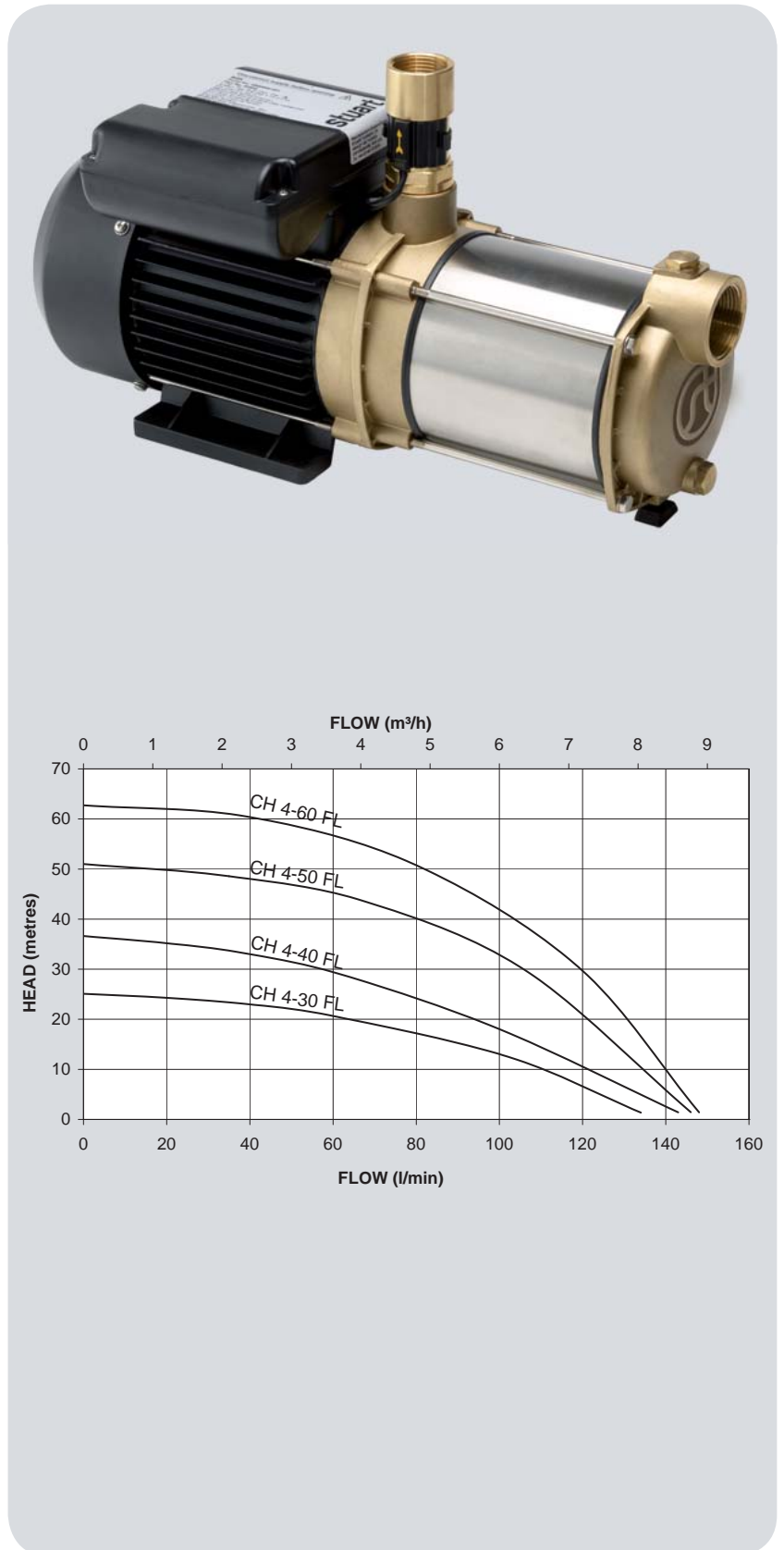
Body	Stainless steel/brass
Impeller	Stainless steel
Pump shaft	Stainless steel
Seal	EPDM/carbon/ceramic

Operating Conditions

Max. liquid temp.	65°C
Min. liquid temp.	4°C
Suction	Flooded
Max. ambient air temp.	50°C
Max. inlet head	10 m
Max. working pressure	10 bar

Pump Connection Sizes

Inlet	G 1½ F
Outlet	G 1 F

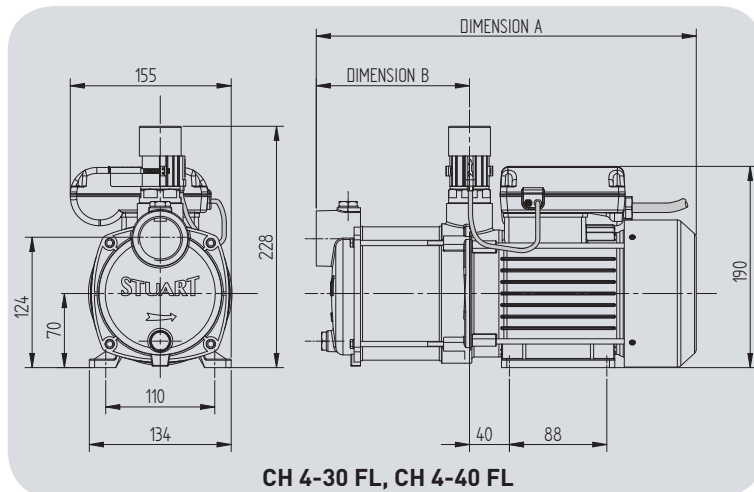


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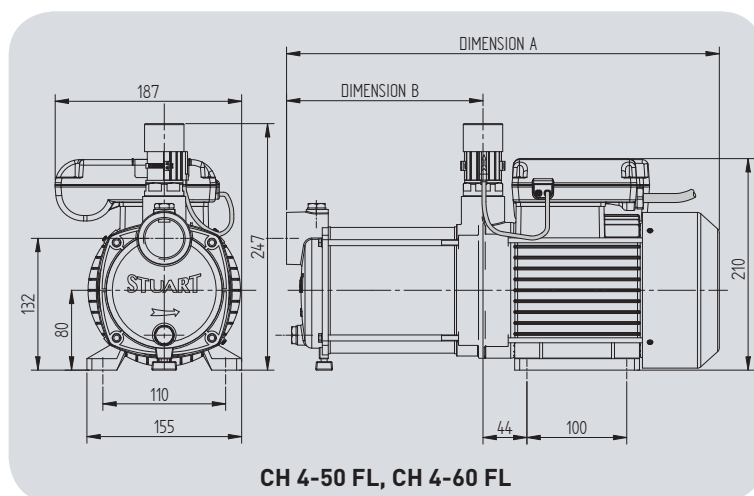
Model	Motor	Nominal watts	Max. watts consumed	Amps full load	Seal	Carton dims. mm			Gross weight (packed) kg	Part no.
						L	x W	xH		
CH 4-30 FL	230/1/50	550	805	3.6	EPDM/Car/Cer	481	x 226	x 350	11.5	46578
CH 4-40 FL	230/1/50	750	1210	5.4	EPDM/Car/Cer	481	x 226	x 350	13.5	46596
CH 4-50 FL	230/1/50	1100	1640	7.3	EPDM/Car/Cer	555	x 250	x 350	18.8	46605
CH 4-60 FL	230/1/50	1500	1980	8.8	EPDM/Car/Cer	555	x 250	x 350	20.3	46606

All models have an enclosure rating of IPX5 and feature totally enclosed fan ventilated cooling.

All models have thermal overload protection and are designed for continuous running for duties of 2.5 l/min and above.



Pump Description	Dim. 'A'	Dim. 'B'
CH 4-30 FL	360	146
CH 4-40 FL	384	170



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

All dimensions shown are in mm.

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