

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.

Application

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

Materials

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

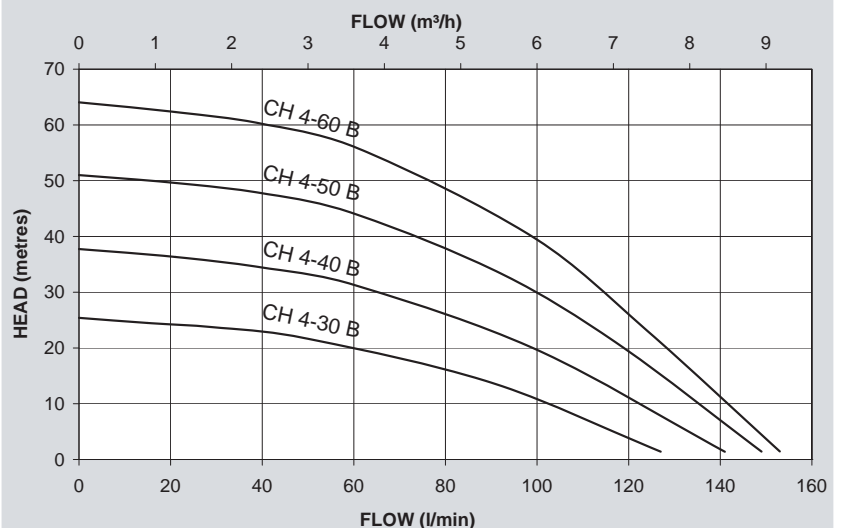
Operating Conditions

Max. liquid temp.	65°C
Min. liquid temp.	4°C
Max. suction lift	4.6 m*
Max. ambient air temp.	50°C
Max. inlet head	10 m
Cut in pressure	1.4 bar
Max. working pressure	10 bar

* with footvalve fitted

Pump Connection Sizes

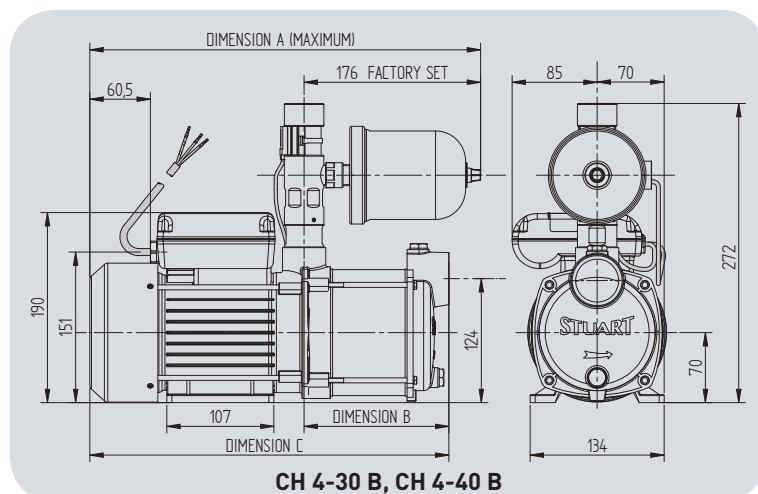
Inlet	G 1½ F
Outlet	G 1 F



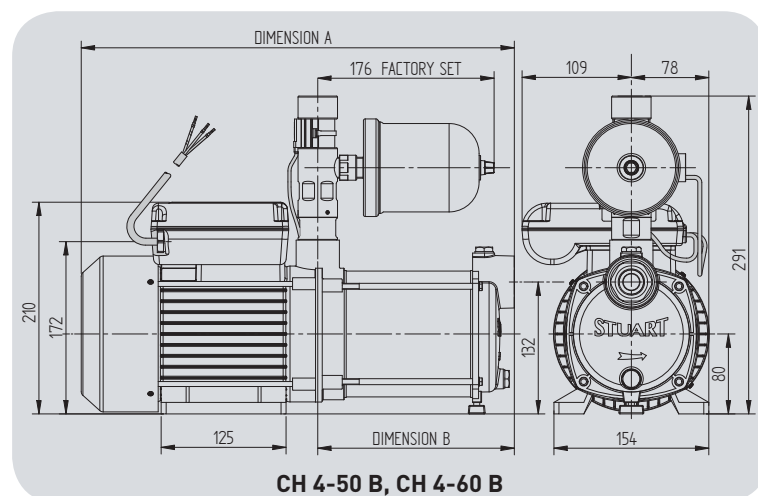
CH Boostamatic Pressure Switch Pumps

Model	Motor	Nominal watts	Max. watts consumed	Amps full load	Seal	Carton dims. mm			Gross weight (packed) kg	Part no.
						L	W	H		
CH 4-30 B	230/1/50	550	800	3.6	EPDM/Car/Cer	481	226	350	12.6	46607
CH 4-40 B	230/1/50	750	1193	5.4	EPDM/Car/Cer	481	226	350	14.5	46608
CH 4-50 B	230/1/50	1100	1650	7.3	EPDM/Car/Cer	555	250	350	18.6	46609
CH 4-60 B	230/1/50	1500	1986	8.8	EPDM/Car/Cer	555	250	350	21.0	46610

All models have an enclosure rating of IPX5 and feature totally enclosed fan ventilated cooling system.
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	Dim. C
CH 4-30 B	391	144	360
CH 4-40 B	391	169	384



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

All dimensions shown are in mm.

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