Flowboost

PRODUCT DATA SHEET

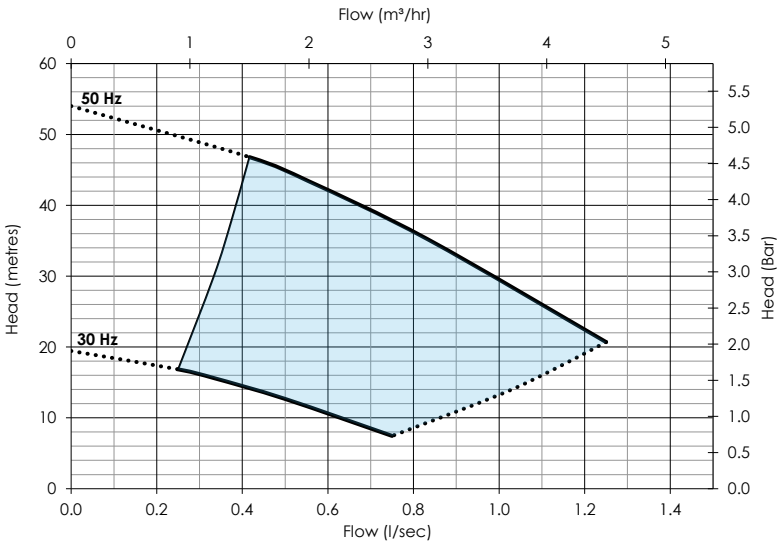
AH1-0305-007-M

Product Description

The Flowtech AH1-0305-007-M booster set utlises WRAS approved components and features a stainless steel multistage pump mounted on a galvanised steel base plate. The pump is operated by our advanced variable speed controller and will deliver a nominal flow rate of 4.5 m³/h (Per Pump) and nominal head pressure of up to 46.8 metres.

Certifications	● Fully WRAS Approved ● Kiwa Regulation 4 Approved ● UKCA Approved ● CE Approved
Control Panel	● Variable speed pump control ● Volt free contacts ● Dry run protection
Features	● 304/316 Stainless steel manifold assembly ● Suitable for a single phase 230 volt supply ● Air cooled inverter ● External low water level facility ● Pressure vessel with flow through isolation & drain valve ● Robust steel powder coated base, compact size ● AV mounts & Flexible connectors optional ● 2 Year Warranty ● Minimum pressure alarm ● Safety start (slow fill mode)

Pump Performance Curve



Specification

Suction connection	2 BSP
Delivery connection	1 ½ BSP
Max operating flow (per pump)	1.3 l/s
Max operating pressure	4.6 bar
Closed valve pressure	5.3 bar
Maximum system pressure rating	10 bar
Speed	Variable
IP rating	IP55
Motor power	0.75 kW
Weight	TBC
Pressure vessels N° x [Litres]	1 x [8]
Maximum system temperature	23 °C

Losses in fittings and valves not included.

Performances shown are for S.G. 1.0 water with a liquid temperature during operation of 20 °C

Pumps are tested in accordance with BS EN ISO 9906:2012 Rotodynamic pumps - Hydraulic performance acceptance tests - Grade 3B (ISO 9906:2012)

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Electrical Data

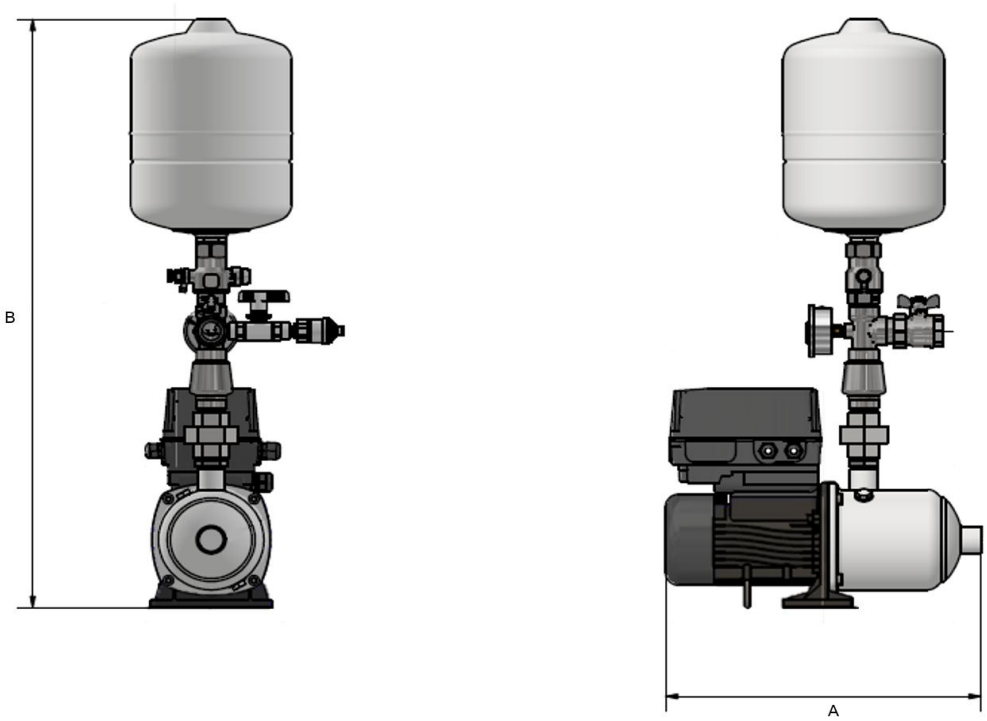
Operating speed range	30 - 50Hz
Total Current @ Full Load	4.6 A
Supply Voltage	230v
Eleactrical Phase	1Φ

Model Codes

AH1-0305-007-M

- Range
- # of Pumps
- BEP Flowrate (m³/h)
- Pump Stages
- Motor size
- Power Supply

Technical Drawing



Drawing dimensions

Dimension A	432
Dimension B	815

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Revision: 3

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