

### AH1-0307-011-M

#### Product Description

The Flowtech AH1-0307-011-M booster set utilises 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 65.1 metres.

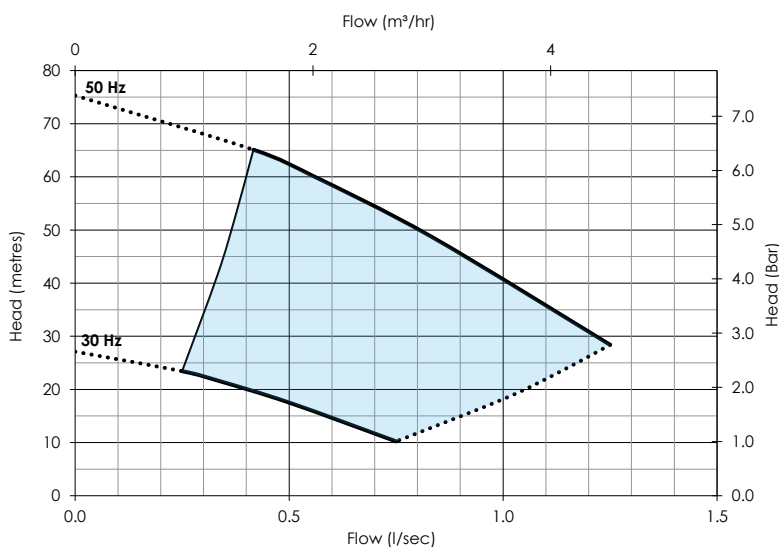
|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications | <ul style="list-style-type: none"> <li>Fully WRAS Approved</li> <li>Kiwa Regulation 4 Approved</li> <li>UKCA Approved</li> <li>CE Approved</li> </ul>                                                                                                                                                                                                                                                                                                                                                        |
| Control Panel  | <ul style="list-style-type: none"> <li>Variable speed pump control</li> <li>Volt free contacts</li> <li>Dry run protection</li> </ul>                                                                                                                                                                                                                                                                                                                                                                        |
| Features       | <ul style="list-style-type: none"> <li>304/316 Stainless steel manifold assembly</li> <li>Suitable for a single phase 230 volt supply</li> <li>Air cooled inverter</li> <li>External low water level facility</li> <li>Pressure vessel with flow through isolation &amp; drain valve</li> <li>Robust steel powder coated base, compact size</li> <li>AV mounts &amp; Flexible connectors optional</li> <li>2 Year Warranty</li> <li>Minimum pressure alarm</li> <li>Safety start (slow fill mode)</li> </ul> |



#### Specification

|                                |          |
|--------------------------------|----------|
| Suction connection             | 2 BSP    |
| Delivery connection            | 1 ½ BSP  |
| Max operating flow (per pump)  | 1.3 l/s  |
| Max operating pressure         | 6.4 bar  |
| Closed valve pressure          | 7.4 bar  |
| Maximum system pressure rating | 10 bar   |
| Speed                          | Variable |
| IP rating                      | IP55     |
| Motor power                    | 1.1 kW   |
| Weight                         | TBC      |
| Pressure vessels N° x [Litres] | 1 x [8]  |
| Maximum system temperature     | 23 °C    |

#### Pump Performance Curve



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)

Flowtech Ltd is not liable for any incompleteness or inaccuracies. Specifications and illustrations are subject to revision without notice.

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Electrical Data

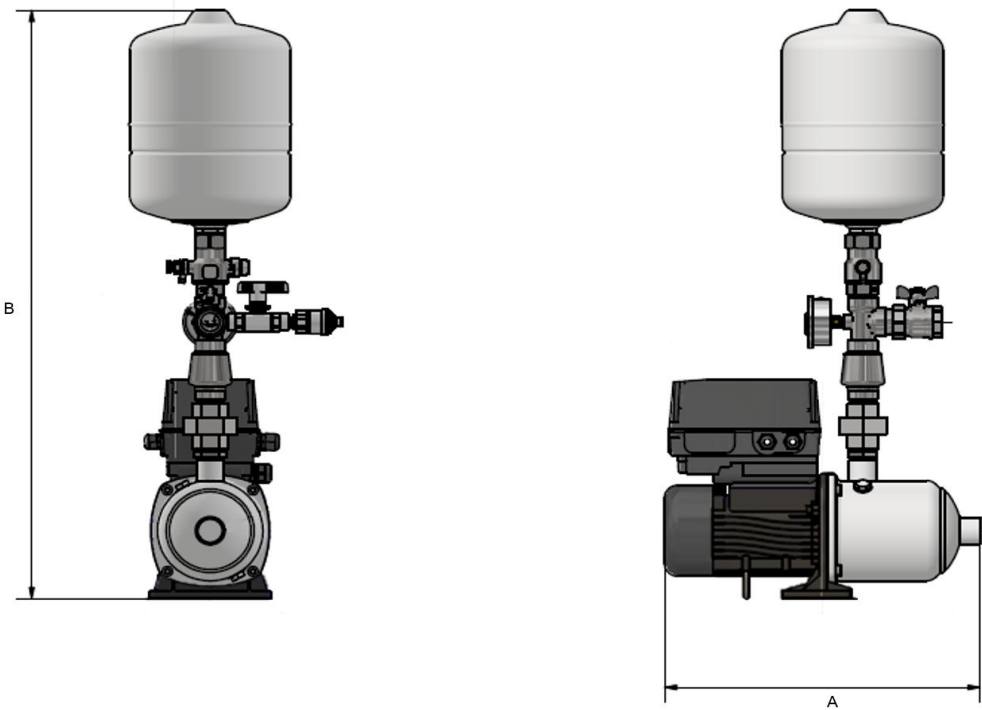
|                           |           |
|---------------------------|-----------|
| Operating speed range     | 30 - 50Hz |
| Total Current @ Full Load | 6.3 A     |
| Supply Voltage            | 230v      |
| Electrical Phase          | 1Φ        |

Model Codes

AH1-0307-011-M

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

Technical Drawing



Drawing dimensions

|             |     |
|-------------|-----|
| Dimension A | 501 |
| Dimension B | 815 |

