

### AH2-0305-007-M

#### Product Description

The Flowtech AH2-0305-007-M booster set utilises WRAS approved components and features 2 stainless steel multistage pumps mounted on a galvanised steel base plate. The pumps are 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.

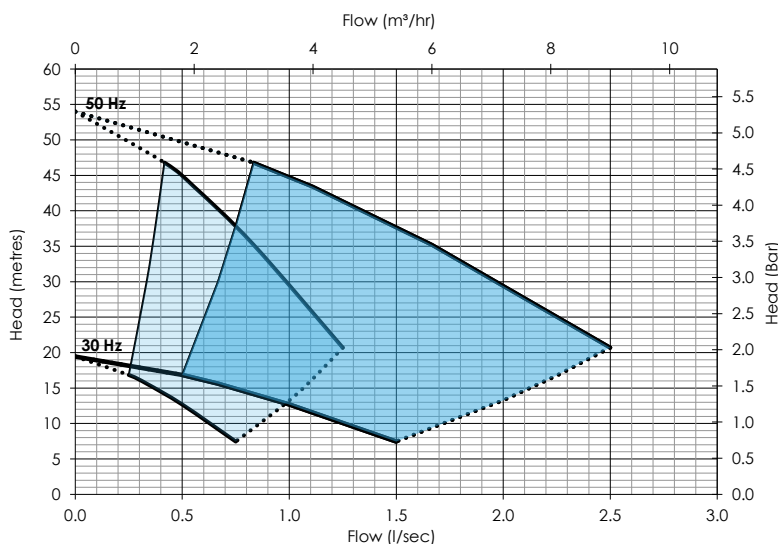
|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications | <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 pumps control</li> <li>Volt free contacts</li> <li>Dry run protection</li> <li>Duty-assist and duty-standby modes</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 inverters</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            | 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                            | 45 kg    |
| Pressure vessels<br>N° x [Litres] | 1 x [24] |
| 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)

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## Electrical Data

|                              |           |
|------------------------------|-----------|
| Operating speed range        | 30 - 50Hz |
| Per pump Current @ Full Load | 4.6 A     |
| Total Current @ Full Load    | 9.2 A     |
| Supply Voltage               | 230v      |
| Electrical Phase             | 1Φ        |

## Model Codes

AH2-0305-007-M

Range \_\_\_\_\_

# of Pumps \_\_\_\_\_

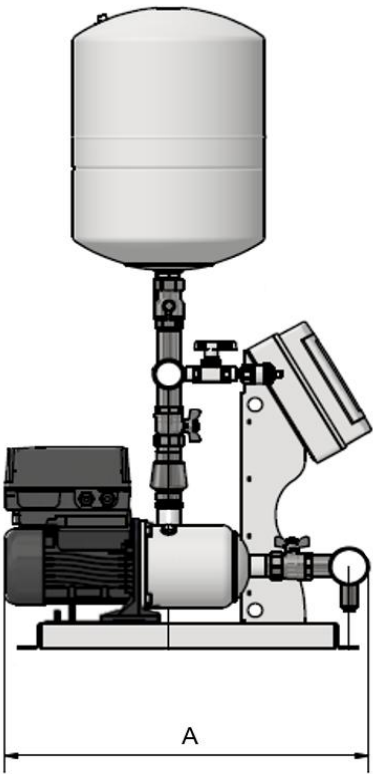
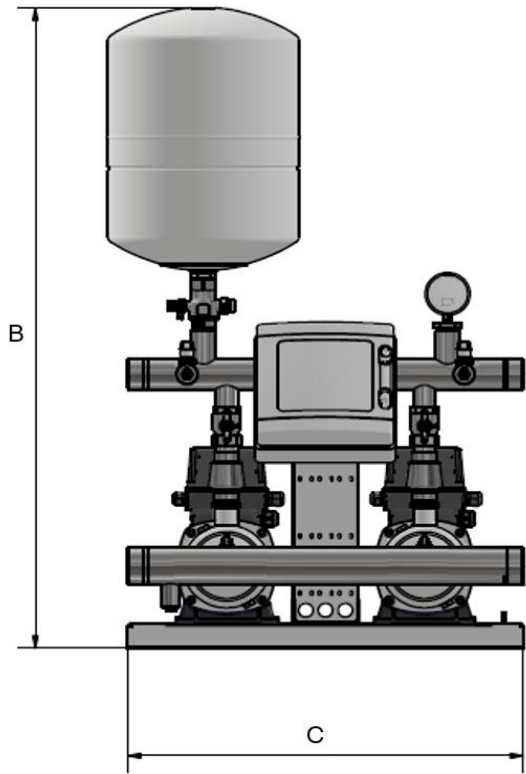
BEP Flowrate (m³/h) \_\_\_\_\_

Pump Stages \_\_\_\_\_

Motor size \_\_\_\_\_

Power Supply \_\_\_\_\_

## Technical Drawing



## Drawing dimensions

|             |      |
|-------------|------|
| Dimension A | 546  |
| Dimension B | 1000 |
| Dimension C | 600  |

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