# VG1-0510-015T-MAB

The VG1-0510-015T-MAB booster set features one stainless steel multistage pump mounted on a powder-coated steel base plate. The pump is controlled by our advanced MAB variable speed control panel and will deliver a nominal flow rate of 5 m³/h and nominal head pressure of up to 6.1 bar.

## PRODUCT FEATURES

- Variable speed pump control
- 304 stainless steel pump
- 24-litre pressure vessel with flow through isolation and drain valve
- Air-cooled inverter
- BMS volt-free contacts
- External enable on/off
- Hand/off/auto switches
- External low water
- Dry run protection
- Glycerine filled pressure gauge
- Pump check valve

## MODEL NUMBER KEY

| E.g.: VG1-0510-015T-MAB | VG1 | 0510 | 015 | T | MAB |
|---|---|---|---|---|---|
| **Number of pumps** | | | | | |
| **Pump model** | | | | | |
| **Motor kW per pump** | | | | | |
| **Electric power phase** | | | | | |
| **Controller type** | | | | | |

UK CA CE MADE IN BRITAIN®

## APPLICATIONS

Cold water pressure and flow boosting in a range of domestic, commercial and industrial applications.

## PRODUCT SPECIFICATION

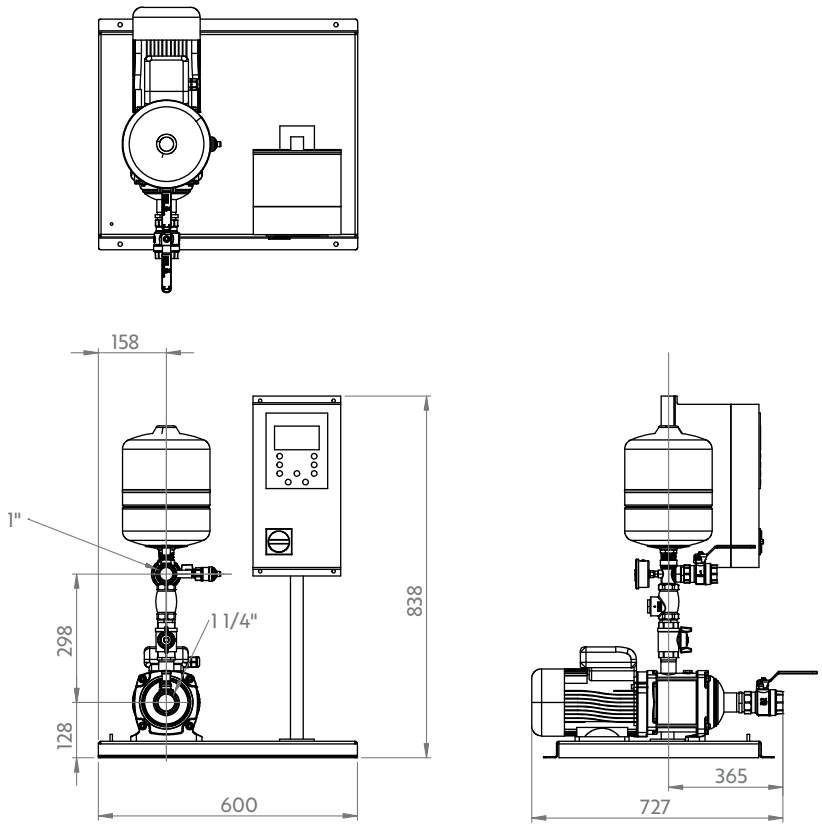
| General | |
|---|---|
| Warranty | 2 years |
| Conformity certification | CE/UKCA |
| **Performance** | |
| Nominal head | 6.1 bar |
| Max. head (closed valve) | 7.6 bar |
| Nominal flow rate | 5 m³/h (per pump) |
| Max. flow rate | 8.4 m³/h (per pump) |
| Min. static inlet pressure | 1 m |
| Max. static inlet pressure | 10 m |
| Max. ambient air temperature | Max 23 °C |
| Water temperature range | Min 4 °C/Max 23 °C |
| Max. working pressure | 1000 kPa/10 bar |

## PRODUCT SPECIFICATION

| Connections | |
|---|---|
| Inlet | 1 ¼" BSP |
| Outlet | 1" BSP |
| **Pump** | |
| Number of pumps | 1 |
| Pump type | Multistage centrifugal (horizontal) |
| Pump body | Stainless steel |
| Impeller | Stainless steel |
| Mechanical seal | EPDM/Carbon/Ceramic |
| Motor type | Induction (current overload sensor) |
| Duty rating | Continuous (S1) |

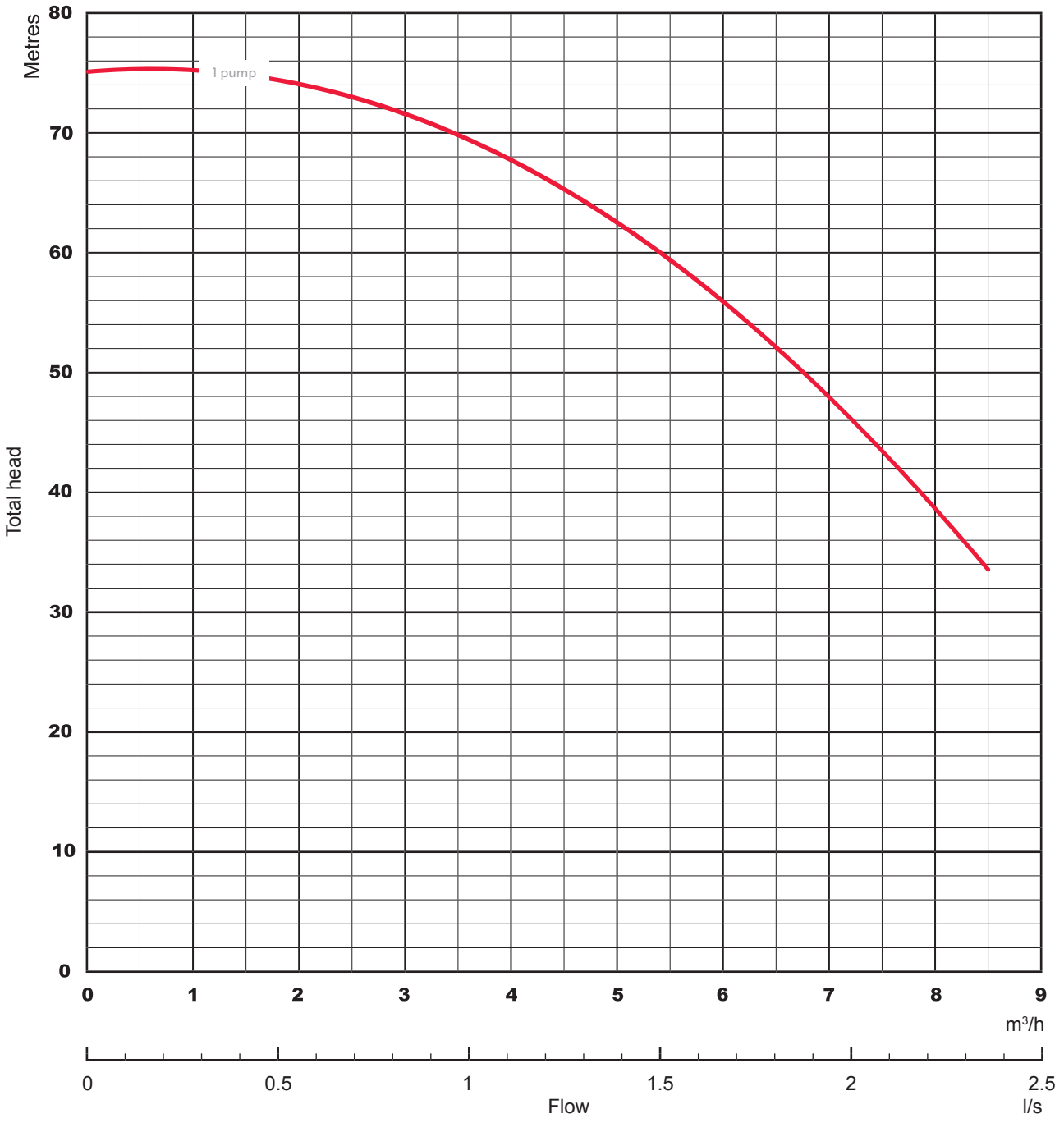
## PRODUCT SPECIFICATION

| Electrical | |
|---|---|
| Power supply/phase/frequency | 400 V / 3 / 50 Hz |
| Power consumption – P1 | 1.5 kW |
| Current – full load | 3.1 Amps |
| **Physical** | |
| Enclosure protection | IP44 |
| Width | 600 mm |
| Depth | 727 mm |
| Height | 838 mm |
| Weight | 43 kg |




Please add 32 mm to the total height from the base of the pump when AV mounts are used.

## PUMP CHARACTERISTIC VG1-0510-015T-MAB




Performance curve is in accordance with ISO 9906:2012 Grade 3B Tolerances.
Specifications and illustrations are subject to revision without notice.