VG1-0512-022M-MAB

The VG1-0512-022M-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 7.5 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.: VG1-0512-022M-MAB	VG1	0512	022	M	MAB
Number of pumps					
Pump model					
Motor kW per pump					
Electric power phase					
Controller type					

APPLICATIONS

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

PRODUCT SPECIFICATION

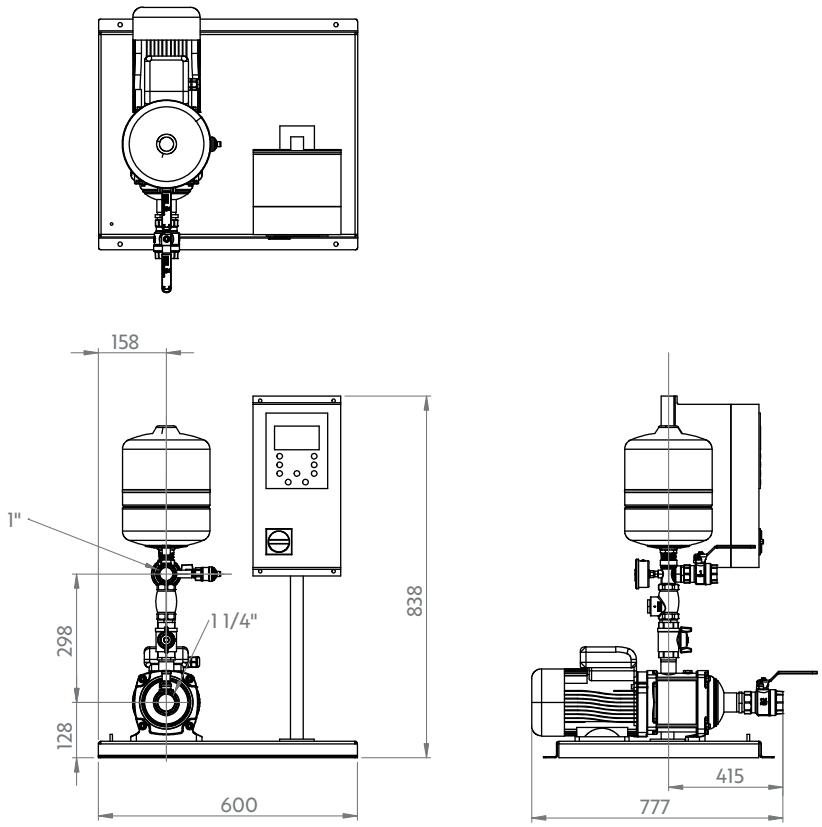
General	
Warranty	2 years
Conformity certification	CE/UKCA
Performance	
Nominal head	7.5 bar
Max. head (closed valve)	9.1 bar
Nominal flow rate	5 m³/h (per pump)
Max. flow rate	8.4 m³/h (per pump)
Min. static inlet pressure	1 m
Max. static inlet pressure	10 m
Max. ambient air temperature	Max 23 °C
Water 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)

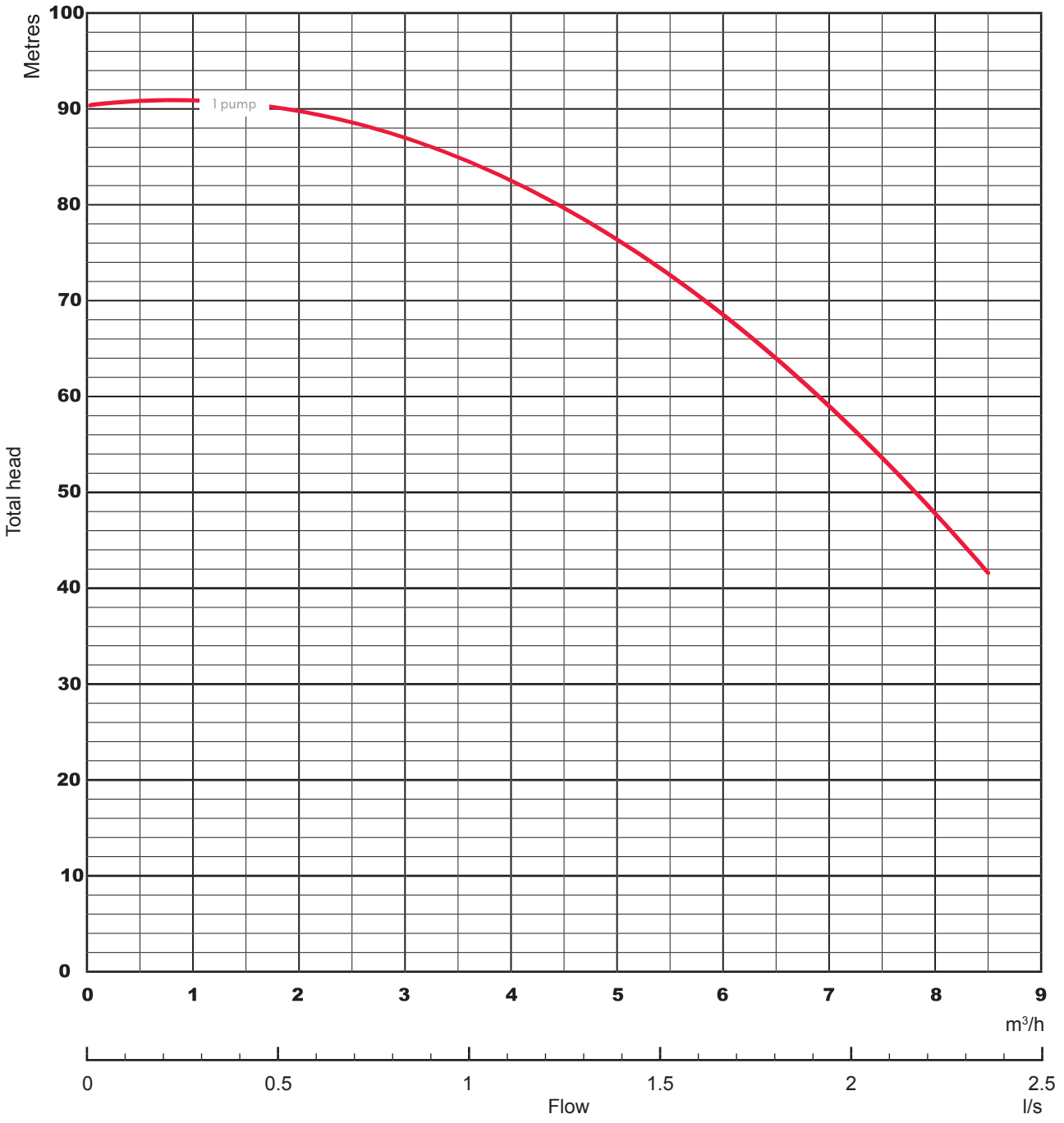
PRODUCT SPECIFICATION

Electrical	
Power supply/phase/frequency	230 V / 1 / 50 Hz
Power consumption – P1	2.2 kW
Current – full load	9.1 Amps
Physical	
Enclosure protection	IP44
Width	600 mm
Depth	777 mm
Height	838 mm
Weight	44 kg



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

PUMP CHARACTERISTIC VG1-0512-022M-MAB



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