

# VG3-1006-022M-MAB

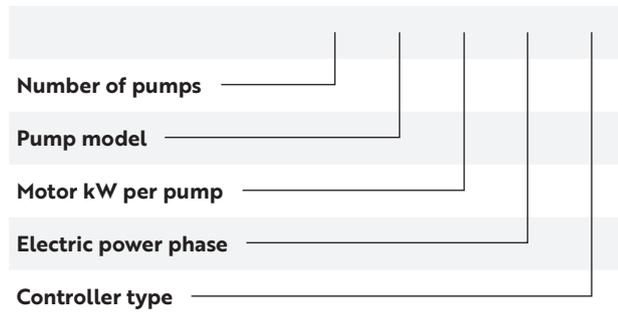
The VG3-1006-022M-MAB booster set features three stainless steel multistage pumps mounted on a powder coated steel base plate. The pumps are controlled by our advanced MAB variable speed control panel and will deliver a nominal flow rate of 10 m<sup>3</sup>/h (per pump) and nominal head pressure of up to 5.4 bar. This product can be configured for duty-assist-standby or duty-assist-assist operating modes.

## PRODUCT FEATURES

- Fully WRAS-approved product
- Variable speed pump control
- Duty-assist and duty-standby modes
- 304 stainless steel pumps
- 304/316 stainless steel manifold assembly
- 24 litre pressure vessels with flow through isolation & drain valves
- Air-cooled inverters
- BMS volt-free contacts
- External enable on/off
- Hand/off/auto switches
- External low water
- AV mounts & flexible connectors optional

## MODEL NUMBER KEY

E.g.: VG3-1006-022M-MAB    VG3    1006    022    M    MAB



## 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	5.4 bar
Max. head (closed valve)	7.2 bar
Nominal flow rate	10 m <sup>3</sup> /h (per pump)
Max. flow rate	13.8 m <sup>3</sup> /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 (kPa / bar)	1000 kPa/10 bar

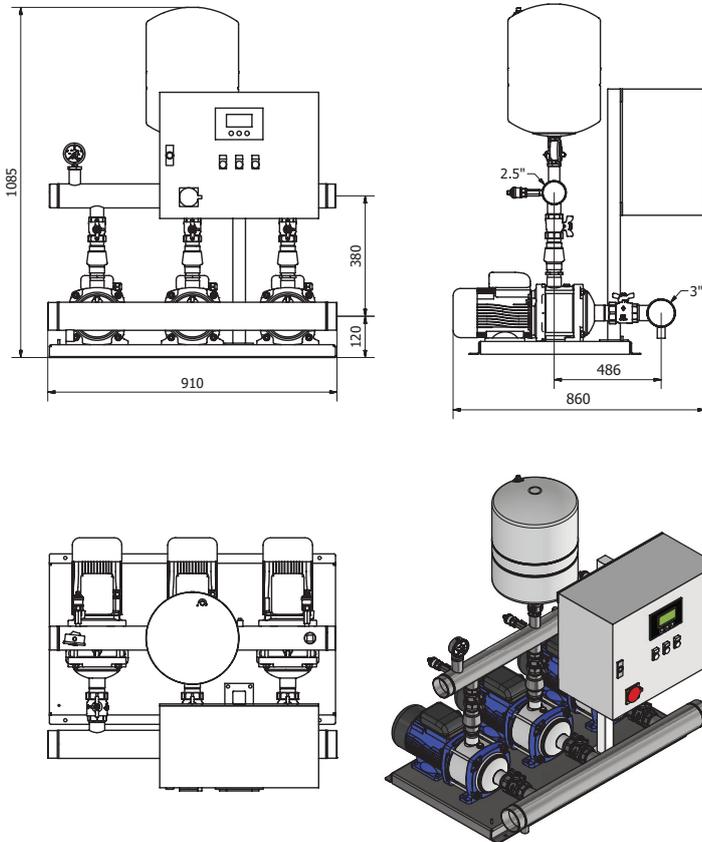


## PRODUCT SPECIFICATION

Connections	
Inlet	3" BSP
Outlet	2 ½" BSP
Manifold	
Manifold construction	Stainless steel
Pump isolation valves	Full bore, lever
Pump	
Number of pumps	3
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)

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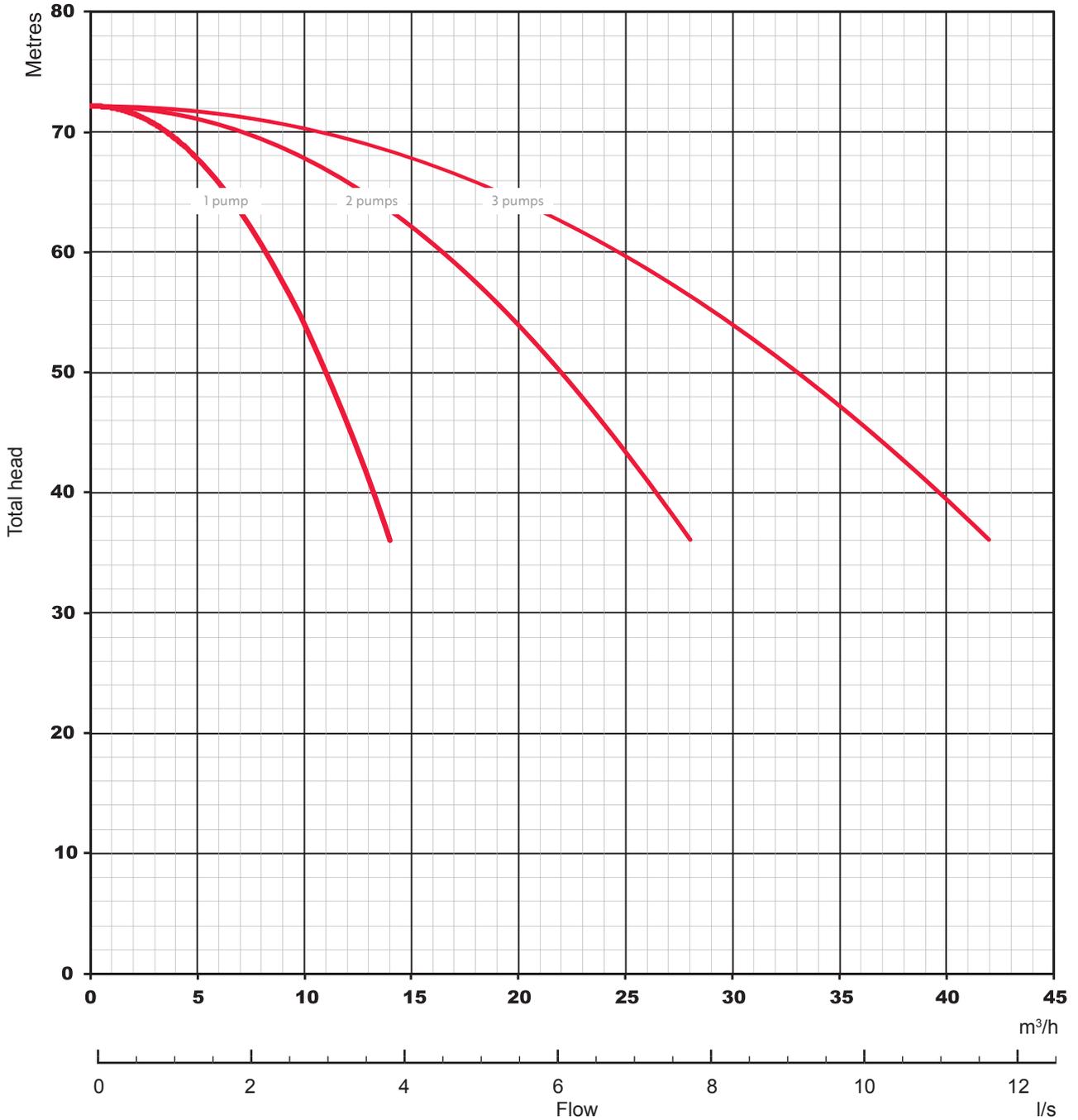
Electrical	
Power supply/phase/frequency	230 V / 1 / 50 Hz
Power consumption – P1	2.2 kW (per pump)
Current – full load	11.5 Amps (per pump)
Physical	
Enclosure protection	IP44
Width	910 mm
Depth	860 mm
Height	1085 mm
Weight	131 Kg



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



**PUMP CHARACTERISTIC VG3-1006-022M-MAB**



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

