

VMV3-07-6V110D02

Product Description

The WRAS approved VMV is a versatile, high-performance cold water booster set constructed using premium components and a strict adherence to quality standards. Specifiers can tailor a booster set to the precise project requirements. The VMV can be delivered disassembled for on-site assembly if required.

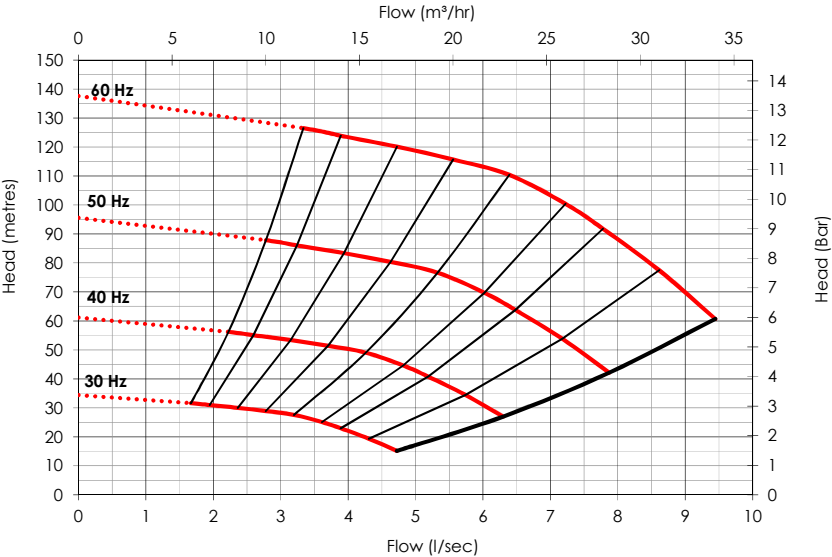
- All products in the VMV Cold Water Pressure Booster range are fully WRAS approved.
- Variable speed pumps
- HIRISE technology which protects the building's pipework by ensuring the pumps start slowly during the initial fill process to prevent surge and consequent damage to the riser.
- Intelligent motor control
- Cyclic duty changeover which ensures even wear across all pumps in the system.
- Common alarm volt-free contact
- Hours run recorders
- Pressure set point adjustment
- Local electrical isolation and MCB protection.
- Integral anti-vibration mountings
- TrueStandby™ ensures that every key component in the pressure booster has a back-up to keep the system operational in the rare occurrence of a component failure.



Specification

Suction connection	DN 100
Delivery connection	DN 100
Max operating flow	8.6 l/s
Max operating pressure	12.4 bar
Closed Valve pressure	13.5 bar
Maximum system pressure Rating	16 bar
Speed	Variable
IP Rating	IP55
Motor Power	11 kW
Weight	730 kg
Pressure Vessel(s)	70 litres
Maximum operating temperature	40 °C

**Performance per pump
Inverter Controlled**



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Electrical Data

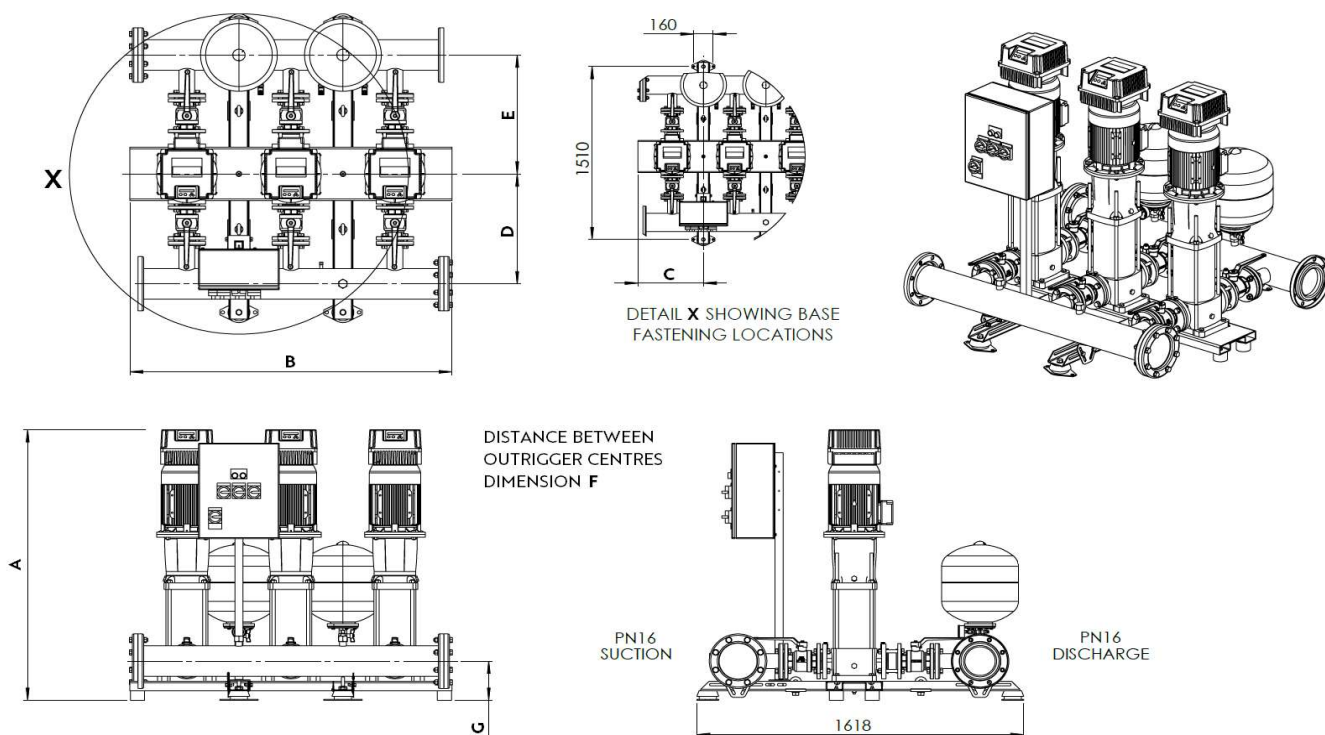
Electrical phase	3Φ
Operating speed range	30 - 60Hz
Supply Voltage	400 V
Full load current, per pump	19.8 A
Total Full load current	59.4 A

VMV model Codes

VMV3-07-6V110D02

Number of pumps	
Nominal flow (l/s)	
Frequency (50/60 Hz)	
Inverter Type	
Motor Power	
Pump Incremental number	

Technical Drawing



Drawing dimensions

Dimension A	1530
Dimension B	1250
Dimension C	425
Dimension D	509

Dimension E	551
Dimension F	400
Dimension G	190