

VMV3-10-5V110L04

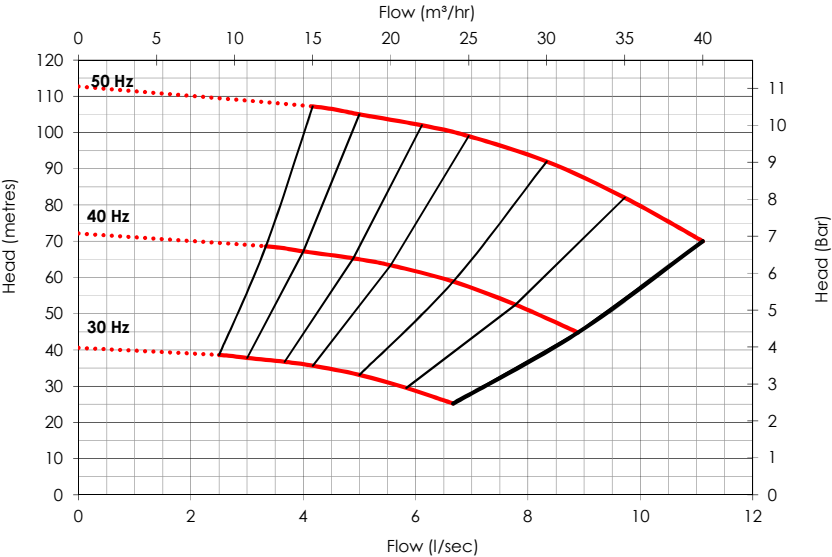
Product Description

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.

Performance per pump
 Inverter Controlled



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Specification

| | |
|--------------------------------|-----------|
| Suction connection | DN 150 |
| Delivery connection | DN 150 |
| Max operating flow | 11.1 l/s |
| Max operating pressure | 10.5 bar |
| Closed Valve pressure | 11.1 bar |
| Maximum system pressure Rating | 16 bar |
| Speed | Variable |
| IP Rating | IP55 |
| Motor Power | 11 kW |
| Weight | 950 kg |
| Pressure Vessel(s) | 70 litres |
| Maximum operating temperature | 40 °C |

Electrical Data

| | |
|-----------------------------|-----------|
| Electrical phase | 3Φ |
| Operating speed range | 30 - 50Hz |
| Supply Voltage | 400 V |
| Full load current, per pump | 20.6 A |
| Total Full load current | 61.8 A |

VMV model Codes

VMV3-10-5V110L04

Number of pumps

Nominal flow (l/s)

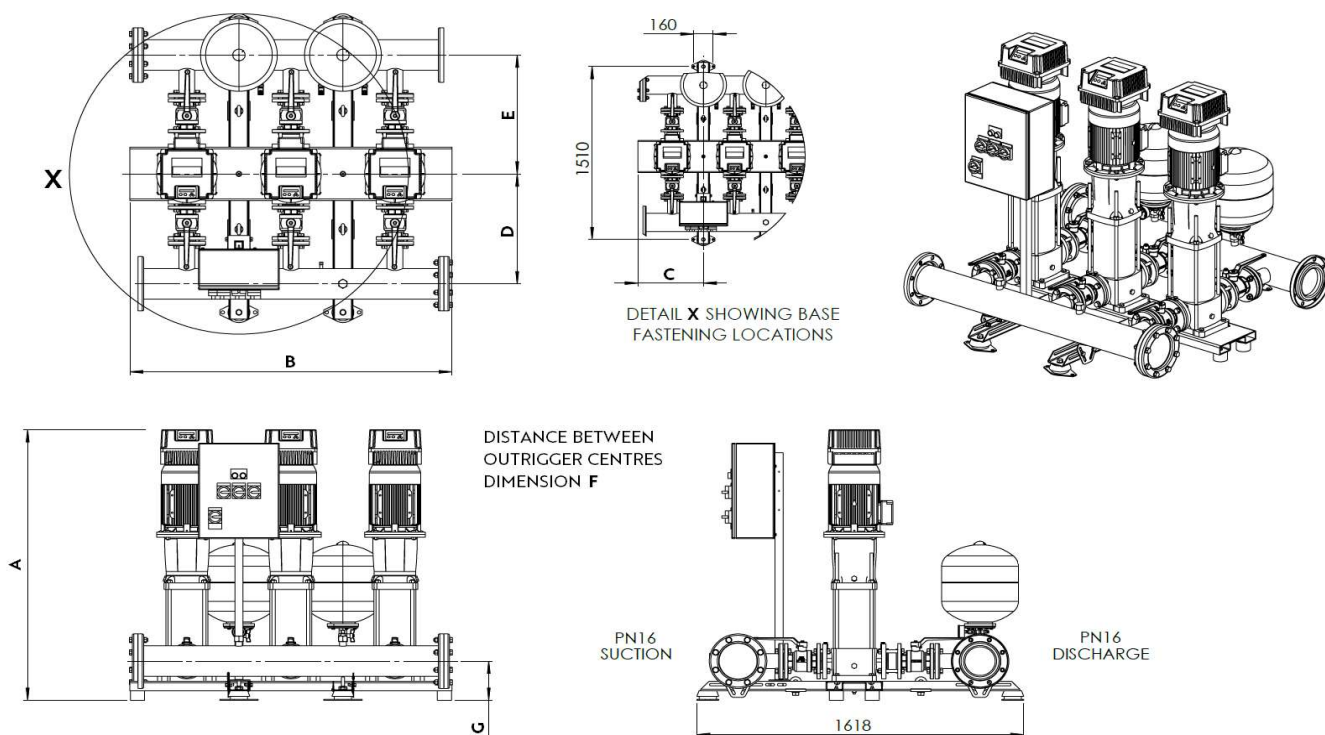
Frequency (50/60 Hz)

Inverter Type

Motor Power

Pump Incremental number

Technical Drawing



Drawing dimensions

| | |
|-------------|------|
| Dimension A | 1553 |
| Dimension B | 1595 |
| Dimension C | 540 |
| Dimension D | 575 |

| | |
|-------------|-----|
| Dimension E | 623 |
| Dimension F | 515 |
| Dimension G | 205 |