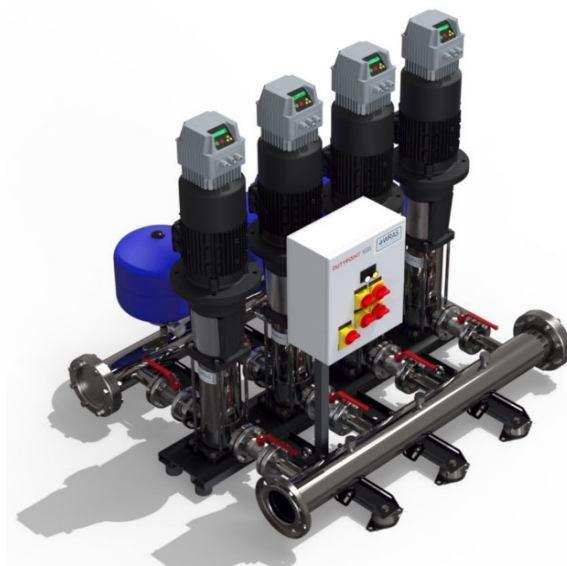


VMV4-05-6V110D02

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.

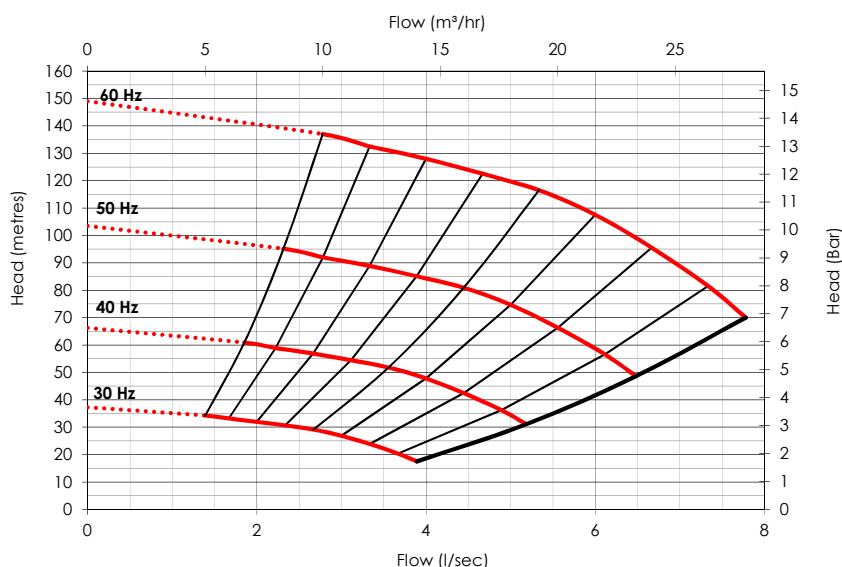
- All products in the VMV Cold Water Pressure Booster range are fully WRAS approved.
- Variable speed pumps
- HIRISE technology which protects the building's pipework by ensuring the pumps start slowly during the initial fill process to prevent surge and consequent damage to the riser.
- Intelligent 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 | 7.3 l/s |
| Max operating pressure | 13.4 bar |
| Closed Valve pressure | 14.6 bar |
| Maximum system pressure Rating | 16 bar |
| Speed | Variable |
| IP Rating | IP55 |
| Motor Power | 11 kW |
| Weight | 970 kg |
| Pressure Vessel(s) | 105 litres |
| Maximum operating temperature | 40 °C |

Performance per pump Inverter Controlled



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Electrical Data

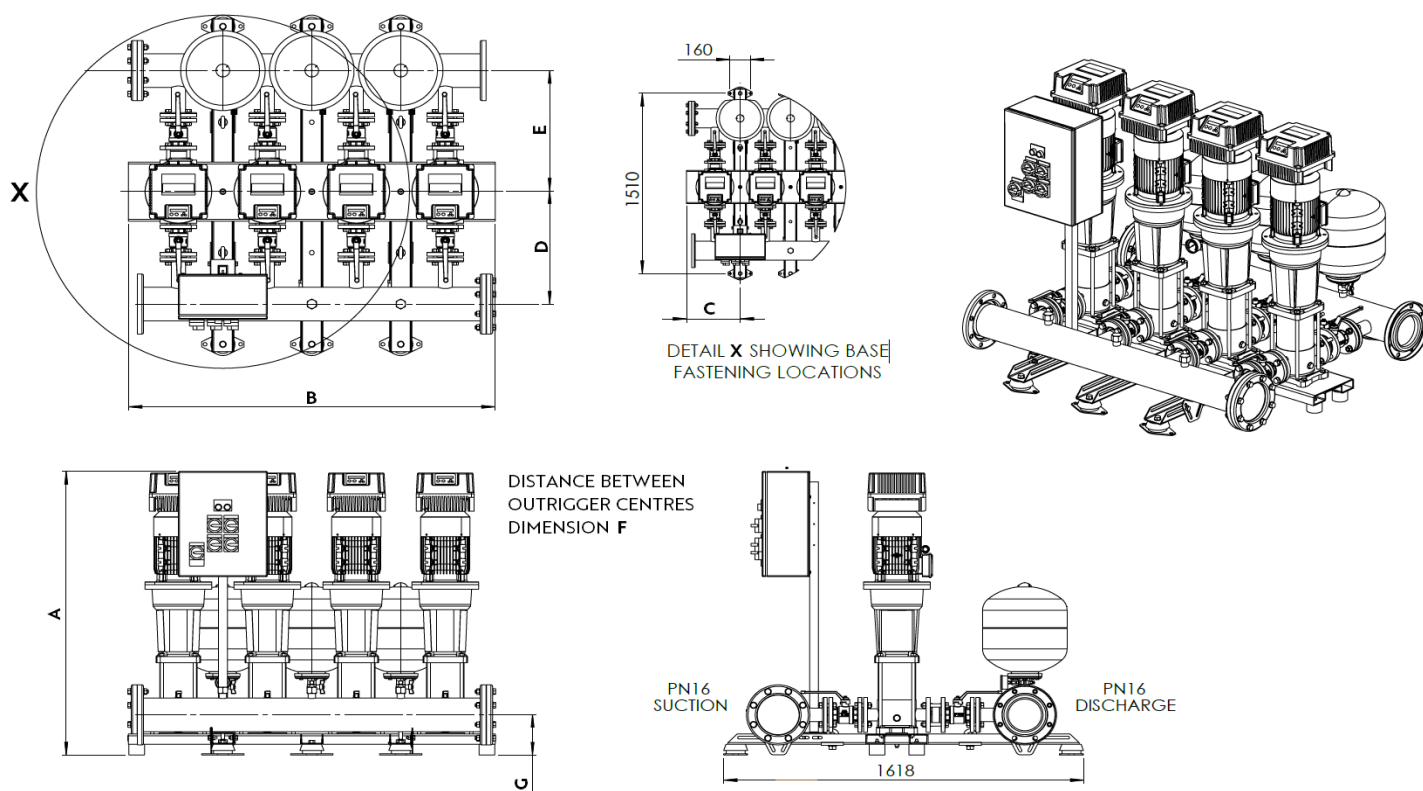
| | |
|-----------------------------|-----------|
| Electrical phase | 3 Φ |
| Operating speed range | 30 - 60Hz |
| Supply Voltage | 400 V |
| Full load current, per pump | 19.8 A |
| Total Full load current | 79.2 A |

VMV model Codes

VMV4-05-6V110D02

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

Technical Drawing



Drawing dimensions

| | |
|-------------|------|
| Dimension A | 1578 |
| Dimension B | 1650 |
| Dimension C | 425 |
| Dimension D | 509 |

| | |
|-------------|-----|
| Dimension E | 551 |
| Dimension F | 400 |
| Dimension G | 190 |

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