

## VMV4-10-5V110L04

### 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.

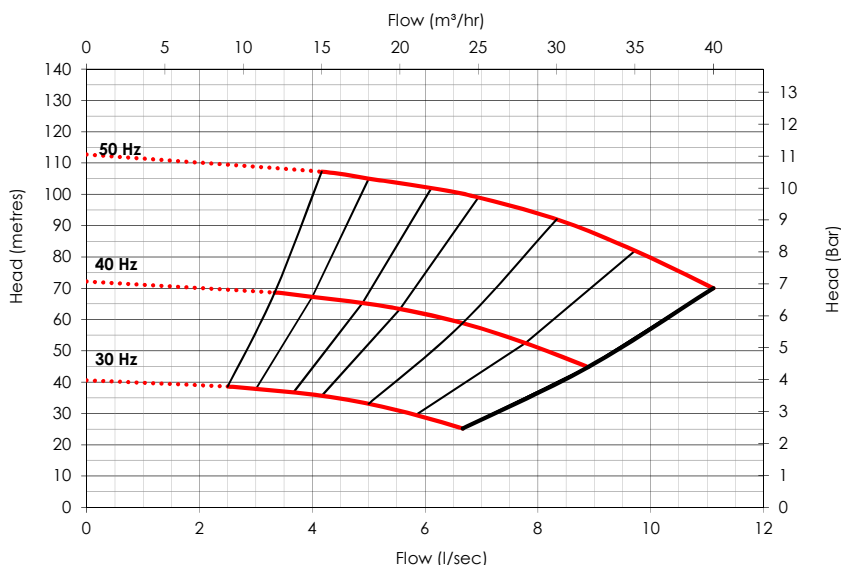
- All products in the VMV Cold Water Pressure Booster range are fully WRAS approved.
- Variable speed pumps
- HIRISE technology which protects the building's pipework by ensuring the pumps start slowly during the initial fill process to prevent surge and consequent damage to the riser.
- Intelligent 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.



### 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	1240 kg
Pressure Vessel(s)	105 litres
Maximum operating temperature	40 °C

### Performance per pump Inverter Controlled



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**DUTYPOINT** 

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## Electrical Data

Electrical phase	3 $\Phi$
Operating speed range	30 - 50Hz
Supply Voltage	400 V
Full load current, per pump	20.6 A
Total Full load current	82.4 A

## VMV model Codes

# VMV4-10-5V110L04

Number of pumps

Nominal flow (l/s)

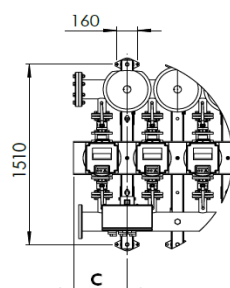
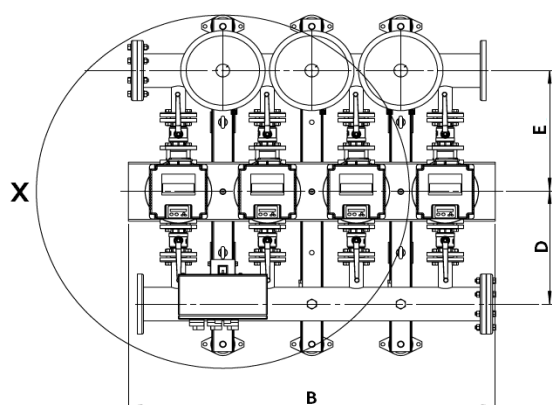
Frequency (50/60 Hz)

Inverter Type

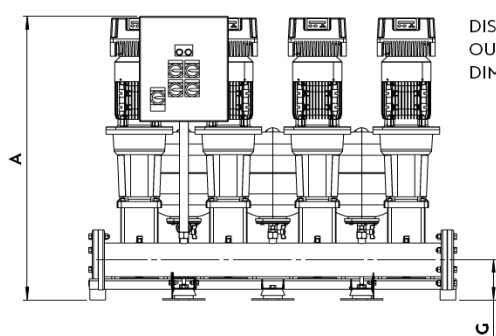
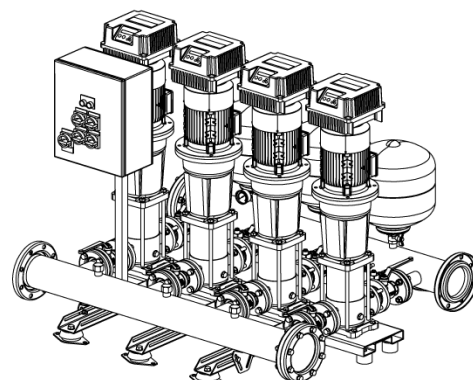
Motor Power

Pump Incremental number

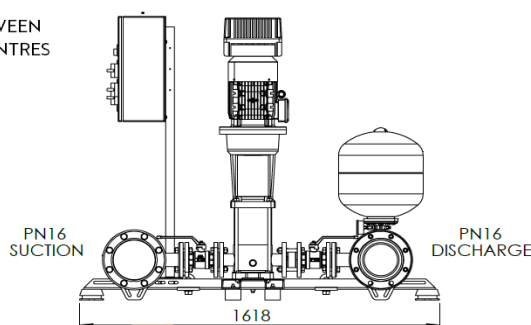
## Technical Drawing



DETAIL X SHOWING BASE FASTENING LOCATIONS



DISTANCE BETWEEN OUTRIGGER CENTRES  
DIMENSION F



## Drawing dimensions

Dimension A	1553
Dimension B	2110
Dimension C	540
Dimension D	575

Dimension E	623
Dimension F	515
Dimension G	205