

INVERTER CONTROLLED BOOSTER PUMP MONOFLEX



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A reliable **A** efficient **A** quality

SMEDEGARD

Pumping Technology

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MONOFLEX Cold Water Booster Sets

The MonoFlexx range consists of two single phase single pump booster models that utilise quality stainless steel end suction pumps with a factory mounted frequency inverter. The speed of the pump is varied by the frequency inverter, enabling it to maintain a steady pressure. The control of the pump is via a pressure transducer installed in the discharge flow manifold. This relays a 4-20 mA signal to the inverter to vary the motor speed.

The MonoFlexx booster pumps incorporate electronic low water protection, electronic indication of high pressure, dry run protection, high/low voltage, over current, sensor error.

For ease of use and set up the MonoFlexx inverter drives have a digital interface. The display shows the output frequency, actual pressure, pressure setting, output current, transducer error, high/low pressure, low water, drive error.

The inverter has been tested in accordance with EN61000-6-3:2007+A1 2011 and EN61000-6-1:2007, and was found to be suitable for domestic use.

Equipment Details

Pump Control Vessel

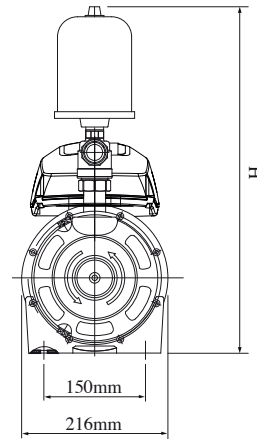
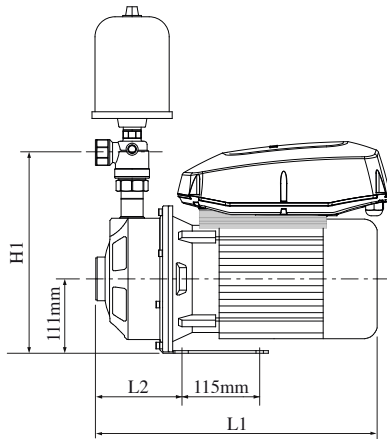
Suitable for 10 bar working pressure with E.P.D.M rubber diaphragm.

Features of the MonoFlexx

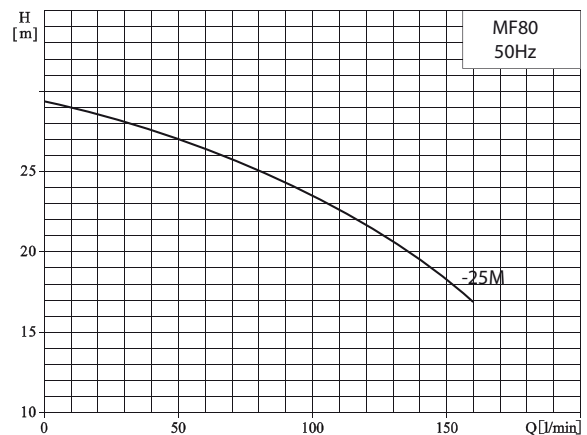
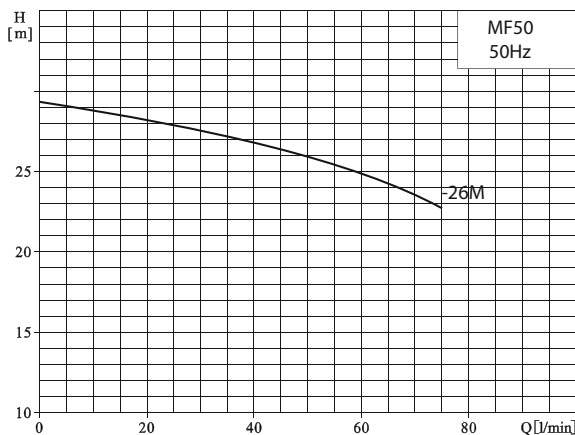
- Frequency inverter with digital display
- Built in dry run protection
- Pump control vessel fitted as standard
- Carbon-ceramic mechanical seals
- Single phase

Optional Items

- Isolating Valve
- Flexible pipe connectors
- Anti-vibration mounts



| Model | Motor (kW) | Mains Voltage | Diameter (mm) | | Dimensions (mm) | | | | Weight (kg) |
|----------|------------|---------------|---------------|--------|-----------------|-----|-----|-----|-------------|
| | | | Inlet | Outlet | L1 | L2 | H1 | H | |
| MF50-26M | 0.75 | 230V-1-50 Hz | 32 | 25 | 361 | 113 | 295 | 520 | 14 |
| MF80-25M | 1.1 | | | | | | | | 14 |



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