

MAXI | Maxi135

The MAXI microprocessor controlled single pump pressurisation unit is purpose designed with both the specifier and installer in mind.

This pressurisation unit is exceptionally easy to install and commission and is housed in a compact and robust enclosure suitable for floor or wall mounting.

Suitable for maintaining pressure in large domestic and commercial sealed heating systems, chilled water systems, refrigeration units and industrial cooling systems.



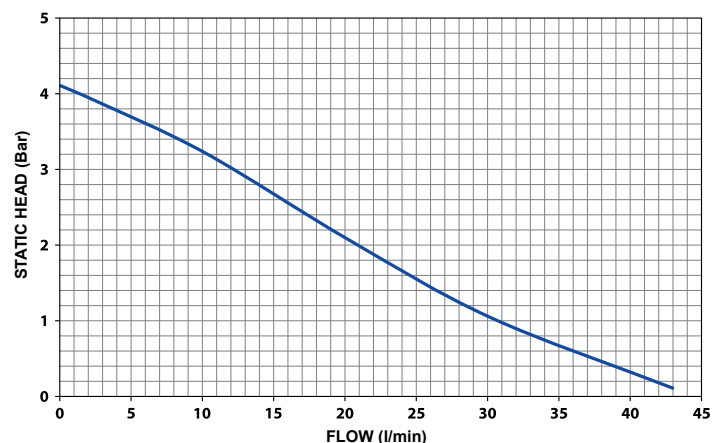
MAXI Features

- Suitable for sealed systems of up to 300,000 litres
- Automated system fill and top-up
- Precise pressure control
- Digital control system and LCD graphic display
- Unique Pressure Logic™ microprocessor, developed by Mikrofill systems Ltd
- Full status indication
- Sturdy powder coated steel casing
- High quality bronze peripheral pump
- Up to 3.4 bar cold fill pressure
- Self diagnostic electronics
- Suitable for wall or floor mounting
- Category 5 backflow protection, Type AB air gap, weir overflow and warning pipe
- Single (duty) pump
- 2 year warranty

Applications

- Maintaining system pressure in large domestic and commercial sealed heating systems
- Maintaining system pressure in chilled water systems, refrigeration units and industrial cooling systems

Performance Curve





| Pressurisation Unit | | CORE Maxi135 |
|---------------------|-------------------------------|------------------------------------|
| General | Warranty | 2 years |
| | Conformity certification | UKCA / CE |
| Features | Mounting | Wall & floor mount |
| | Sealed system capacity | Up to 300,000 litres |
| | Pump control system | ✓ |
| | Intelligent control interface | ✓ |
| | System fill mode | ✓ |
| | Dry run protection | ✓ |
| Materials | Break tank | Polyethylene |
| | Casing | Powder coated steel |
| Performance | Maximum cold fill pressure | 3.4 bar (flow rate 8 l/min) |
| | flow rate (maximum) | 37.5 l/min (at 0.5 bar) |
| | flow rate (nominal) | 21 l/min (at 2 bar) |
| | Ambient air temperature | Min 4 °C / Max 40 °C |
| | Relative humidity | 95 % non-condensing |
| | Min./Max. water temperature | Min 4 °C / Max 23 °C |
| Water tank | Usable water capacity | 18 litres |
| | Inlet valve and fill rate | Float valve |
| | Fluid category | CAT 5 (type AB air gap with weir) |
| Connections | Cold water inlet | ½" BSP M Iron |
| | System outlet | 15 mm Compression |
| | Overflow | 20mm |
| Pump | Number of pumps | 1 |
| | Pump mode | Duty |
| | Pump type | Peripheral |
| | Motor type | Induction, auto-reset thermal trip |
| | Duty rating | Continuous (S1) |
| | Pump head and impeller | Bronze |
| Electrical | Power supply (Vac/Ph/Hz) | 230 V a.c. / 1 / 50 Hz |
| | Power consumption (standby) | 10 Watts |
| | Power consumption (Filling) | 610 Watts |
| | Current - full load | 2.6 Amp |
| | Fuse rating | 5 Amps |
| | Alarm output | ✓ |
| | Maximum load BMS relays | 5 Amps |
| Physical | Enclosure protection | IPX2 |
| | Width | 470 mm |
| | Depth | 440 mm |
| | Height | 645 mm |
| | Weight - including fittings | 27 Kg |

MAXI Unit Dimensions

