

## MAXI HP | Maxi175

The MAXI HP 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.



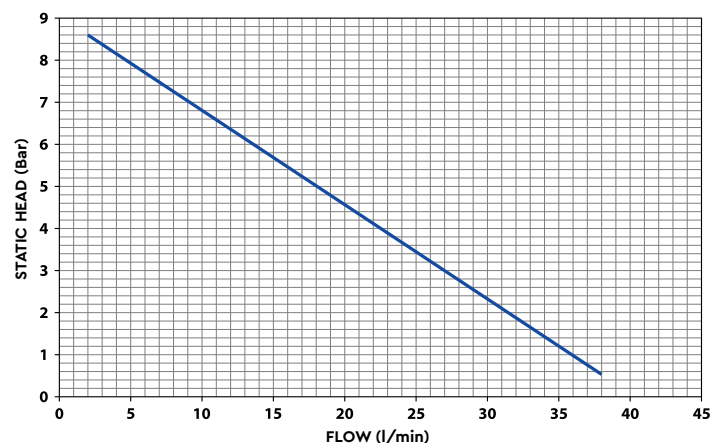
### MAXI Features

- 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 7 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 Maxi175
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	7 bar (flow rate 8 l/min)
	flow rate (maximum)	38 l/min (at 0.5 bar)
	flow rate (nominal)	31.5 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)	1298 Watts
	Current - full load	5.6 Amp
	Fuse rating	8 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	33 Kg

## MAXI HP Unit Dimensions

