

# MIKROFILL

## MAXI PLUS | PU | MAX120024

The MAXI Plus microprocessor controlled twin 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.



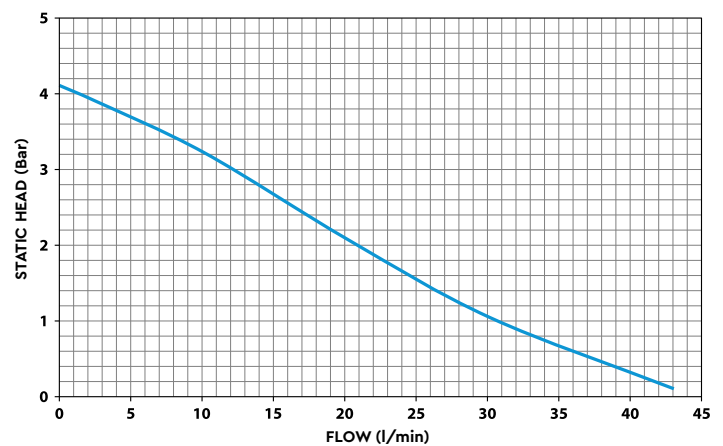
### Features

- 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
- Twin pump (duty-standby)
- 2 year warranty

### Applications

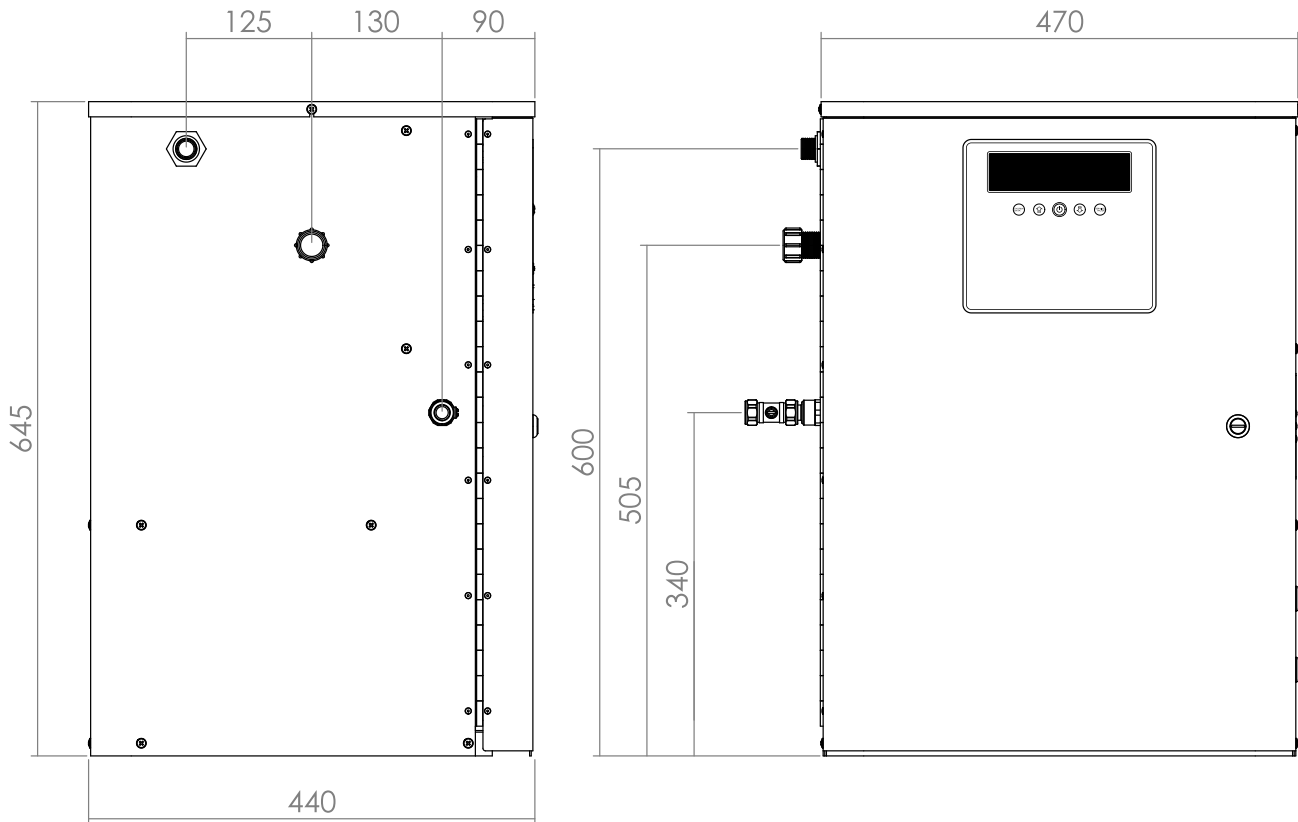
- Maintaining system pressure in large domestic and commercial sealed heating systems
- Maintaining system pressure in chilled water systems, refrigeration units and industrial cooling systems

### Performance Curve



Pressurisation Unit		MAXI Plus MAX120024
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	✓
Materials	Dry run protection	✓
	Break tank	Polyethylene
Performance	Casing	Powder coated steel
	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
Water tank	Min./Max. water temperature	Min 4 °C / Max 23 °C
	Usable water capacity	18 litres
	Inlet valve and fill rate	Float valve
Connections	Fluid category	CAT 5 (type AB air gap with weir)
	Cold water inlet	½" BSP M Iron
	System outlet	15 mm Compression
Pump	Overflow	20mm
	Number of pumps	2
	Pump mode	Duty-standby
	Pump type	Peripheral
	Motor type	Induction, auto-reset thermal trip
Electrical	Duty rating	Continuous (S1)
	Pump head and impeller	Bronze
	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	✓	
Physical	Maximum load BMS relays	5 Amps
	Enclosure protection	IPX2
	Width	470 mm
	Depth	440 mm
	Height	645 mm
	Weight - including fittings	33 Kg

MAXI Plus Unit Dimensions



Stuart Turner Limited reserves the right to amend specifications without notice.

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