

INTRODUCING

MIKROFILL MAXI PRESSURISATION

- ▶ DUTY OR DUTY-STANDBY OPTIONS
- ▶ UP TO 7.0 BAR PRESSURE OPTIONS
- ▶ 18 LITRE TANK CAPACITY
- ▶ ROBUST CONSTRUCTION
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY
- ▶ 2 YEAR WARRANTY

Mikrofill Maxi pressurisation units offer the next generation of automatic filling units for sealed systems. They are extremely robust and are housed within a powder coated steel cabinet, featuring high quality peripheral pumps and an advanced digital control system.

ADVANCED DIGITAL CONTROLS

BMS CONNECTIVITY

SINGLE AND TWIN PUMP OPTIONS

PRODUCT FEATURES

Robust steel enclosure

Mikrofill Maxi units are housed within a robust powder coated steel enclosure that can be wall or floor mounted.

Premium quality pumps

Mikrofill Maxi pressurisation units feature single (duty) or twin (duty-standby) continuously rated pump options. Duty-standby models provide balanced usage based on pump run time, making them highly reliable.

High capacity break tank

18 litre capacity featuring Category 5 backflow protection, with type AB air gap, weir overflow and warning pipe.

Advanced digital controls

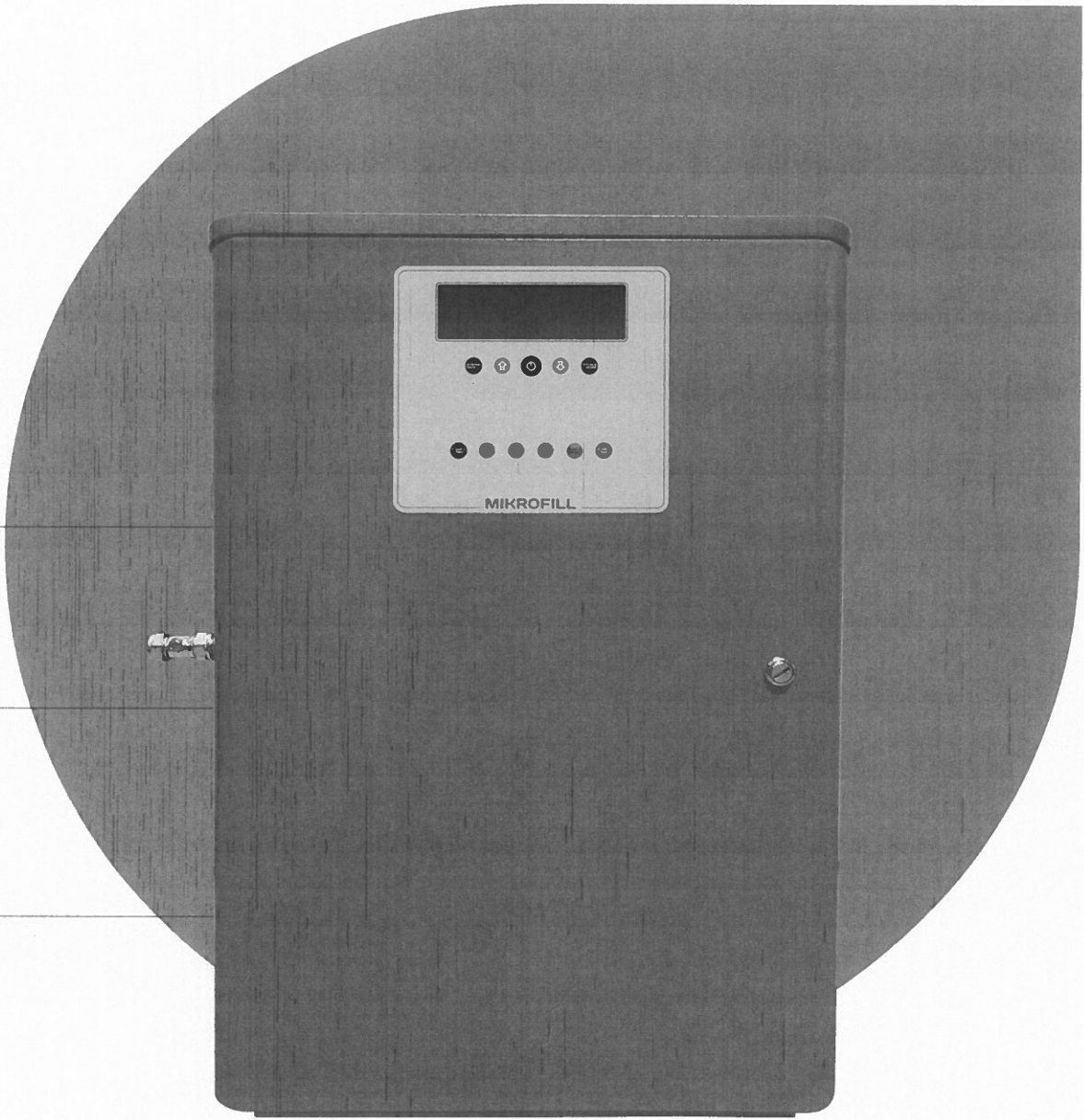
Featuring intuitive, easy to use menu system and backlit LCD matrix display.

Precise pressure transducer

Closed loop control featuring precise system pressure monitoring and top up. System pressure control operates in 0.1 bar increments.

External alarm

Multiple volt-free contacts and connectivity to external alarms and systems.



MIKROFILL PRESSURISATION

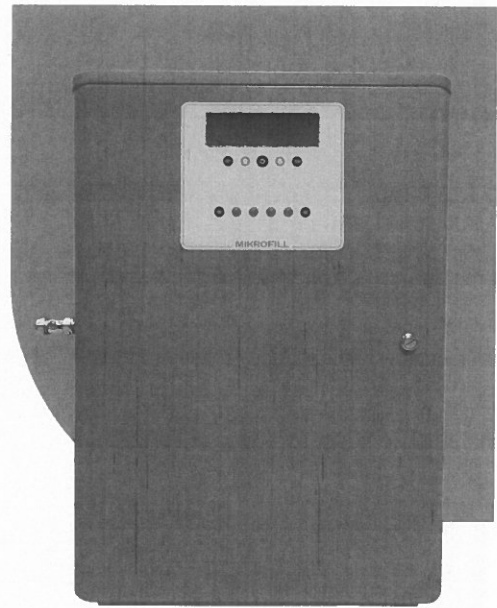
Mikrofill Maxi digital pressurisation unit

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

Mikrofill Maxi units are exceptionally easy to install and commission and are housed in a compact and robust enclosure suitable for floor or wall mounting.

Good to know

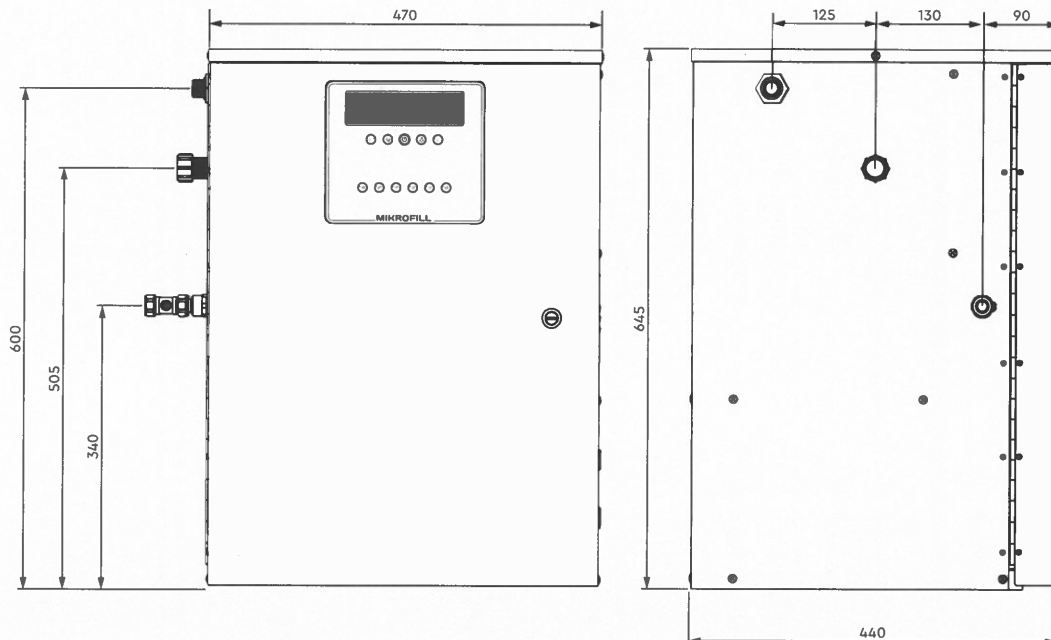
Mikrofill Maxi pressurisation units feature Category 5 backflow protection, with type AB air gap, weir overflow and warning pipe.



- ▶ DUTY OR DUTY-STANDBY OPTIONS
- ▶ UP TO 7.0 BAR COLD FILL PRESSURE
- ▶ 18 LITRE TANK CAPACITY
- ▶ FLOOR OR WALL MOUNTED
- ▶ ROBUST POWDER COATED STEEL ENCLOSURE
- ▶ DIGITAL CONTROL SYSTEM AND GRAPHIC DISPLAY

Part No	Model	Pumps	Capacity (litres)	Pressure (bar)	Width (mm)	Depth (mm)	Height (mm)	Weight Empty/Max (kg)
MAX120022	MAXI	1	18	3.4	470	440	645	27 / 45
MAX120024	MAXI PLUS	2	18	3.4	470	440	645	32 / 50
MAX120033	MAXI HP	1	18	7.0	470	440	645	33 / 51
MAX120034	MAXI PLUS HP	2	18	7.0	470	440	645	43 / 61

Dimensions



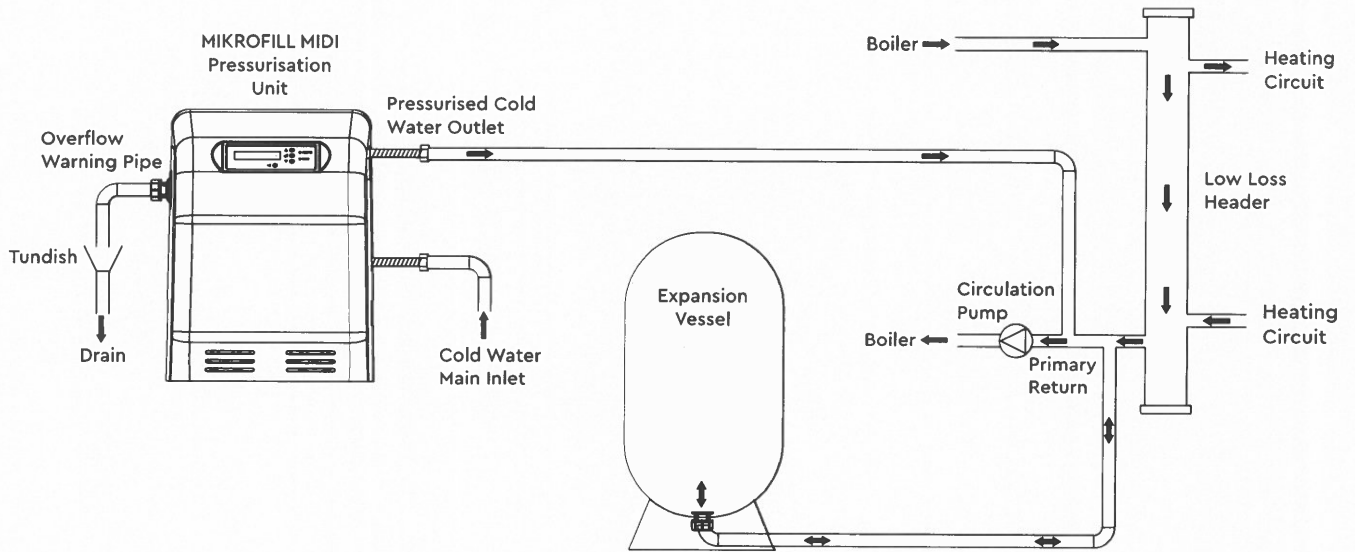
Full technical specification

		MAXI MAX120022	MAXI PLUS MAX120024	MAXI HP MAX120033	MAXI PLUS HP MAX120034
General	Warranty	2 years			
	Conformity certification	UKCA / CE			
	System capacity	Up to 300,000 litres			
	System fill mode	•	•	•	•
	Mounting	Floor or wall mount			
Performance	Maximum cold fill pressure	3.4 bar		7.0 bar	
	Maximum inlet pressure	7.0 bar (700kPa)			
Pump	Number	1	2	1	2
	Type	Peripheral			
	Motor type	Induction (thermal trip, auto reset)			
	Duty Rating	Continuous (S1)			
Break tank	Capacity	18 litres			
	Inlet valve	Float valve			
	Fluid category protection	CAT 5			
Connections	Cold water inlet	½" BSP M Iron			
	Cold water outlet	15 mm compression			
	Overflow	20 mm			
Construction	Front Cover	Powder coated steel			
	Break tank	Polyethylene			
	IP rating	IPX2			
Environmental	Ambient temperature	4 °C – 40 °C			
	Relative humidity	95% non-condensing			
Electrical	Power supply (Va.c./Ph/ F)	230 V a.c. / 1 / 50 Hz			
	Power consumption – standby	10 Watts	10 Watts	10 Watts	10 Watts
	Power consumption – filling	610 Watts	610 Watts	1298 Watts	1298 Watts
	Current – full load	2.6 Amps	2.6 Amps	5.6 Amps	5.6 Amps
Physical	Width	470 mm		470 mm	
	Depth	440 mm		440 mm	
	Height	645 mm		645 mm	
	Empty weight	27.0 Kg	32.0 Kg	33.0 Kg	43 Kg
	Filled weight	45.0 Kg	50.0 Kg	51 Kg	61 Kg

Mikrofill Pressurisation

MIKROFILL MIDI INSTALLATION

The following illustration is for technical guidance only.



MIKROFILL MAXI INSTALLATION

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