

# STUART

## Digital Pressurisation Units – Maxi

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

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



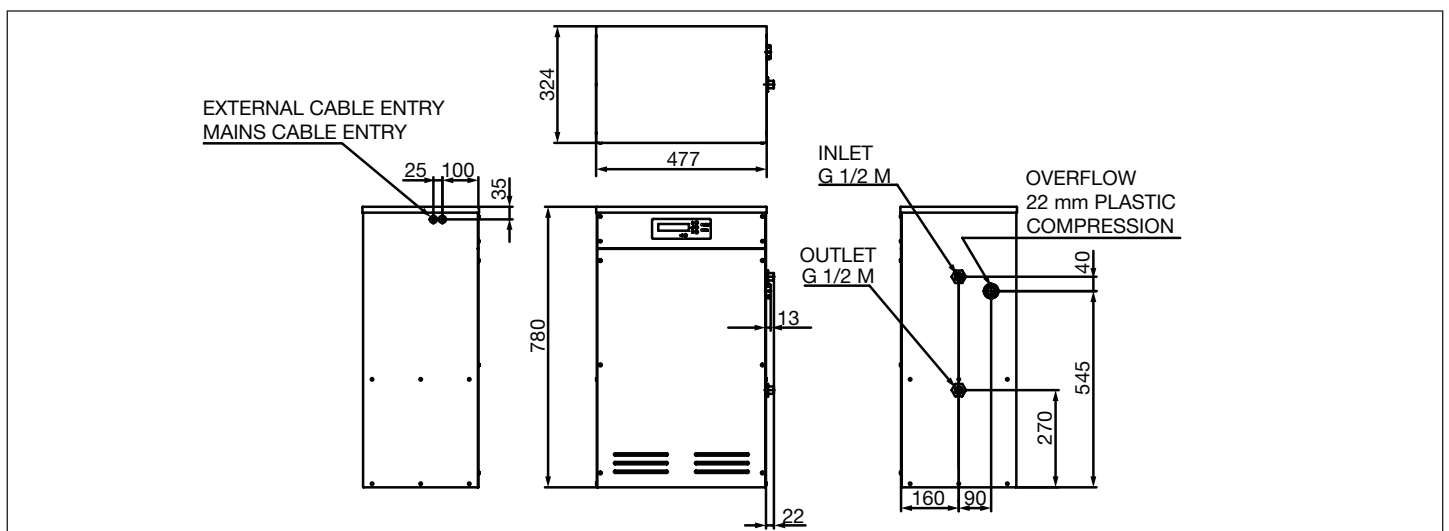
### Features

- Suitable for sealed systems of up to 300,000 litres
- Single (Duty) or twin (duty-standby) pump options
- 8.0 bar cold fill pressure
- 18 litre tank capacity
- Floor mounting
- Digital control system and LCD graphic display
- Automated system fill and top-up
- Easy to install and set up
- High flow, WRAS approved fill valve
- Category 5 backflow protection, Type AB air gap, weir overflow and warning pipe
- Patent protected
- 2 year guarantee

### Application

- Maintaining system pressure in sealed heating systems
- Maintaining system pressure in sealed cooling systems

Pump Model		SPU 180 Maxi 46725	SPU 280 Maxi 46726
General	Guarantee	2 year	
	Approvals	CE	
Features	Sealed system capacity	Up to 300,000 litres	
	Mounting	Floor mount	
	Pump control system	✓	✓
	Intelligent control interface	✓	✓
	System fill mode	✓	✓
	Dry run protection	✓	✓
	Typical noise	70 dB(A)	70 dB(A)
Materials	Break tank	Polyethylene	
	Enclosure	Powder coated steel	
Performance	Maximum fill pressure	8.0 bar (800 kPa)	
	Maximum flow	18 l/min	
	Maximum inlet pressure – tank fill valve	7 bar (700 kPa)	
	Maximum working pressure	10 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 12 l/min	
	Fluid category	CAT 5 (type AB air gap with weir)	
Connections	Cold water inlet and outlet	G ½ male	
	Overflow	G ¾ (19 – 23 mm diameter pipe compression fitting)	
Pump	Number of pumps	1	2
	Pump mode	Duty	Duty-standby
	Pump type	Peripheral	
	Motor type	Induction, auto-reset thermal trip	
	Duty rating	Continuous (S1)	
	Pump head and impeller	Brass	
Electrical	Power supply (Vac/Ph/Hz)	230 V a.c. / 1 / 50 Hz	
	Power consumption – P1	600 Watts	
	Current – full load	3.4 Amps	
	Fuse rating	5 Amps	
	Alarm output	Multiple	
Physical	Enclosure protection	IPX2	
	Width	477 mm	
	Depth	324 mm	
	Height	780 mm	
	Weight – including fittings	34 Kg	45 Kg
	Weight – filled	52 Kg	63 Kg



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