

FLAMCO PRO PU PRESSURISATION UNIT



PRODUCT OVERVIEW

The Pro PU is a floor-standing digital pressurisation unit designed for commercial, industrial, and large residential sealed systems up to 300,000 litres. It features an 18-litre internal break tank and offers a high flow rate of up to 18 l/min. Available in single or twin pump configurations, it ensures precise pressure control with a user-friendly microprocessor, MODBUS communication, and advanced safety features. Built for reliability and efficiency, the Pro PU simplifies system maintenance while enhancing overall performance.

PRODUCT FEATURES



High System Capacity – Supports sealed systems up to 300,000 litres.



Intelligent Monitoring – MODBUS RTU communication with event logging and service reminders.



Flexible Pump Configuration – Available with single or twin pumps for added reliability.



Enhanced Safety Features – Includes dry run protection, flood protection, and excessive start alarms.



Advanced Pressure Control – Pre-set delivery pressures from 3 to 8 bar, adjustable in 0.1 bar increments.



User-Friendly Interface – Password-protected bi-directional programming menu for easy operation.



Efficient Water Management – 18-litre break tank with a flow rate of up to 18 l/min.



Industry Compliance – Meets PED, IEE, WRAS, and BS 7074 standards for safety and performance.

FEATURE	SPECIFICATION
TECHNOLOGY	Floor-standing digital pressurisation unit
FLOW RATE	Up to 18 l/min
BREAK TANK CAPACITY	18 litres
SYSTEM VOLUME CAPACITY	Up to 300,000 litres
OPERATING PRESSURE	PN 10
MAX TEMPERATURE	85°C
PUMP TYPE	Electric, 230V 50Hz 1ph
FLUID PROTECTION	Category 5 (AB Weir Overflow)
EVENT LOGGING	Alarm activations, pump runtime, electrical interruptions
COMMUNICATION	MODBUS RTU Protocol
CERTIFICATIONS	WRAS Approved, CE Marked, BS 7074, EMC 2004/108/EC

MODEL	MAX PRESSURE (BAR)	POWER (KW)	CURRENT (A)	WEIGHT (KG)
Pro PU 131	3.0	0.37	2.6	29
Pro PU 161	6.0	0.5	3.4	31
Pro PU 181	8.0	0.75	5.6	34