

FLAMCO PRO PUM PRESSURISATION UNIT

PRODUCT OVERVIEW

The Flamco Pro PUM is a compact, wall-mounted digital pressurisation unit designed for sealed systems, ensuring a minimum system pressure requirement. It features an electronic pressure transducer and a user-friendly microprocessor, making it ideal for industrial, commercial, and large domestic applications. The unit offers flow rates up to 12 l/min and includes a 4-litre internal break tank.

Available in single or twin pump configurations, it provides advanced functionalities such as MODBUS RTU communication, flood protection, and event logging, making it a reliable choice for high-performance pressurisation systems.



PRODUCT FEATURES



Electronic Pressure Transducer – Ensures precise pressure monitoring and control.



Dry Run Protection – Prevents pump damage by shutting it down when water is unavailable.



Flow Rate up to 12 l/min – Efficient top-up capability for various system sizes.



Flood Protection – Includes pump runtime limiter and excessive start alarms for safety.



4-Litre Internal Break Tank – Provides a self-contained water supply for system pressurisation.



Password-Protected Bi-Directional Menu – Enhances security and user control.



MODBUS RTU Communication – Allows seamless integration with control systems.



Event Logging System – Tracks alarms, pump activations, and runtime for maintenance insights.

FEATURE	SPECIFICATION
TECHNOLOGY	Digital wall-mounted pressurisation unit
FLOW RATE	Up to 12 l/min
BREAK TANK CAPACITY	4 litres
SYSTEM VOLUME CAPACITY	Up to 50,000 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	PUMP QTY	MAX PRESSURE (BAR)	POWER (KW)	CURRENT (A)	WEIGHT (KG)
Pro PUm 131	1	3.0	0.37	2.6	17
Pro PUm 161	1	6.0	0.5	3.4	19
Pro PUm 231	2	3.0	2 x 0.37	5.2	38
Pro PUm 261	2	6.0	2 x 0.5	6.8	42