

FLAMCO PRO PDM PRESSURISATION UNIT



PRODUCT OVERVIEW

The Pro PDM is a compact, wall-mounted digital pressurisation unit designed for commercial, industrial, and residential sealed systems up to 50,000 litres. With a flow rate of up to 12 l/min and a 4-litre internal break tank, it ensures reliable system pressure control. Featuring a microprocessor, MODBUS communication, and self-venting pumps, it simplifies installation and maintenance. Equipped with advanced safety features and a durable construction, the Pro PDM provides an efficient and user-friendly solution for maintaining optimal system pressure.

PRODUCT FEATURES



Precise Pressure Control – Pre-set delivery pressures from 1.0 to 2.5 bar, adjustable in 0.1 bar increments.



Enhanced Safety Features – Includes dry run protection, pump runtime limiter, and excessive start alarm.



High Flow Rate – Delivers up to 12 l/min with self-bleeding pumps for smooth operation.



User-Friendly Interface – Password-protected, bi-directional programming menu with plug-and-play setup.



Compact and Enclosed Design – Wall-mounted with a 4-litre internal break tank for easy integration.



Durable and Certified Construction – Powder-coated mild steel cabinet, WRAS-approved float valve, and IP54-rated controller.



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



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

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	MAX PRESSURE (BAR)	POWER (KW)	CURRENT (A)	WEIGHT (KG)
Pro PDm 1.0	1.0	0.41	2.6	17
Pro PDm 1.5	1.5	0.41	2.6	17
Pro PDm 2.0	2.0	0.41	2.6	17
Pro PDm 2.5	2.5	0.41	2.6	17