MYWATER SOLUTIONS

FLAMCO DIGIFILLER PRESSURISATION UNIT

PRODUCT OVERVIEW

The Digifiller is a compact and fully enclosed digital pressurisation unit designed for sealed systems in commercial, industrial, and large domestic applications. With a flow rate of up to 12 l/min and a 4-litre internal break tank, it ensures precise pressure control with pre-set options from 0.5 to 2.0 bar. Featuring a user-friendly microprocessor, self-venting pump, and MODBUS communication, it simplifies installation and maintenance.Built with durable components, it complies with PED, IEE, and WRAS standards, making it a reliable and efficient solution for maintaining system pressure.

PRODUCT FEATURES

Precise Pressure Control – Pre-set top-up pressure options from 0.5 to 2.0 bar, adjustable on-site..

High Flow Rate – Delivers up to 12 l/min with a self-bleeding pump for seamless operation.

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

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

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

User-Friendly Interface – Password-protected, sequential programming menu with pressure settings in 0.1 bar increments.

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

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

FEATURE	SPECIFICATION
TECHNOLOGY	Digital pressurisation unit with microprocessor
FLOW RATE	Up to 12 l/min
SYSTEM VOLUME CAPACITY	Up to 50,000 litres
BREAK TANK CAPACITY	4 litres
INSTALLATION TYPE	Wall-mounted
PRESET PRESSURE OPTIONS	0.5, 1.0, 1.5, or 2.0 bar
PUMP TYPE	Self-bleed electric pump (230V, 50Hz, 1-phase)
PRESSURE RATING	PN 10
FLUID PROTECTION	Category 5 (AB Weir Overflow)
EVENT LOGGING	Tracks alarms, pump activations, cumulative run time
COMMUNICATION	MODBUS RTU protocol
SAFETY FEATURES	Flood protection, pump runtime limiter, excessive start alarm
OPERATING TEMPERATURE	5°C to 85°C
AMBIENT TEMPERATURE	5°C to 40°C
NOISE LEVEL	< 75 dBA
REGULATORY COMPLIANCE	WRAS Approved, PED 2014/68/EU, CE Marked, BS 7074, EMC 2004/108/EC
CONTROLLER RATING	IP54 (BS EN 60529)

MODEL	PUMP QTY	MAX DELIVERY PRESSURE (BAR)	POWER CONSUMPTION (KW)	FULL LOAD CURRENT (A)	WEIGHT (KG)
Digifiller 0.5	1	0.5	0.41	2.6	17
Digifiller 1.0	1	1.0	0.41	2.6	17
Digifiller 1.5	1	1.5	0.41	2.6	17
Digifiller 2.0	1	2.0	0.41	2.6	17