

Compact and totally enclosed digital pressurisation units with electronic pressure transducer and user-friendly microprocessor for use on sealed system in order to provide a minimum system pressure requirement.

The Pro PDm is a wall mounted, flow rate (up to 12 l/min) top-up pressurisation unit with 4 litre internal break tank. Ideal for Industrial, commercial or large domestic applications. Available preset to 1.0 bar, 1.5 bar, 2.0 bar or 2.5 bar topup (Delivery) pressure).

Application:

- Commercial, Industrial and Residential.

System Volume (Guide): < 50,000 litres.

Advantages

Product Features

- For system volumes up to 50,000 litres.
- Dry Run Protection.
- Anti-Seize Routine (Pump is pulsed for 2 seconds if inactive for 60 days, must be enabled at time of commissioning).
- Pressure setting in 0.1 bar increments.
- Self venting pumps and preset options to remove the need for conventional commissioning of the Pressurisation Unit.
- Preset to facilitate a plug and play installation.
- Electric pump, 230V 50Hz 1ph.
- Colour: Grey (RAL 7016).
- System fill mode.
- Onscreen Service Reminder - 12 Months.
- MODBUS RTU Communication Protocol.
- Password protected.
- Bi-directional programming menu.
- Flood Protection (Pump Runtime Limiter, Excessive Start Alarm).
- Pump pulse option.
- Event logging: Alarm activations, Pump Run counter (activations per pump), Cumulative run timer (hours per pump), Electrical interruption.
- Volt free contacts: Common Alarm (N/C), High Pressure Alarm (N/O), Low Pressure Alarm (N/O), Sensor Health (N/O), Pump 1 Health (N/O), Pump 2 Health (N/O).
- Optional Additional Volt Free Contacts (Requires an additional factory fitted expansion board): Low Pressure Warning (N/O), High Pressure Warning (N/O), Low Water In Break Tank (N/O), Low Additive In Holding Tank (N/O), Pump 1 Run For Topup (N/O), Pump 2 Run For Topup (N/O).



Technical Specifications

Operating Conditions:

- System temperature range at point of connection: 5 °C / 85 °C.
- Ambient temperature range: 5 °C / 40 °C.
- Pressure rating: PN 10.
- Relative humidity 95% non-condensing.
- Noise Rating Data: < 75 dBA.

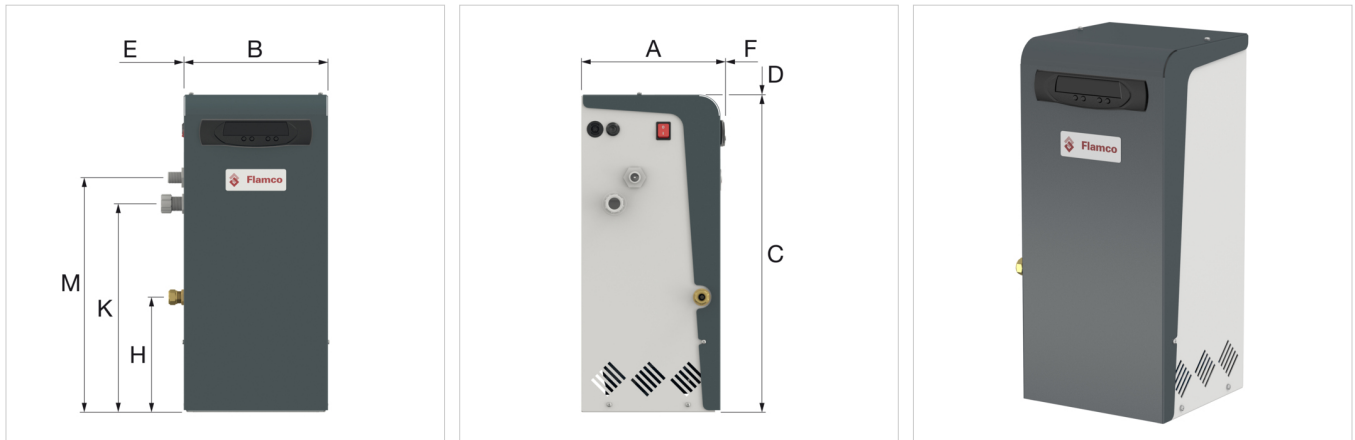
Certifications and Standards Applied:

- PED 2014/68/EU Sound Engineering Practice.
- IEE - Electrical Safety Guidance.
- EMC 2004/108/EC.
- BS 7074 Parts 1 to 3.
- Machinery Directive 2006/42/EC.v
Electronic Components have been tested and comply with the EMC Directives.
- EN 61000-6-2: Generic Standards – Immunity standard for industrial environments.
- EN 61000-6-3: Generic Standards – Emission standard for residential, commercial and light industrial environment.
- CE marked components, where applicable.
- WRAS approved float valve to BS1212.
- IP54 (BS EN60529) rated controller.

Material of Construction:

- Cabinet: Mild steel CR4 Powder Coated.
- Float: WRAS approved.
- Break Tank: Polypropylene.
- Connection: Brass / Polypropylene.
- Pipework: Braided Flexhose / EPDM / Copper.
- Valves: Brass / PTFE.

Description	Pro PDm 1.5	
Order Code	21618	
GTIN	08712874216181	
Model	<u>Pro PDm</u>	
Pump quantity	1	
Connections	System [mm]	15 ($\frac{1}{2}$ ")
	Mains Supply [mm]	15 ($\frac{1}{2}$ ")
	Overflow [mm]	22
Max. Delivery Pressure [bar]	2.5	
Power Consumption [kW]	0.41	
Preset Settings	Cold Fill [bar]	2.0
	Low Alarm [bar]	1.0
	High Alarm [bar]	3.5
Weight [kg]	17	



Dimensions Pro PDm

Type	Dimensions								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	K [mm]	M [mm]
Pro PDm 1.0 - 2.5	240	250	550	800	150	500	200	360	400

Classification General Data

Etim Group	
Etim Class	
Product Name	Pro PDm 1.5 Precomm 1P WallMount 1.5bar
Brand	Flamco
Product Type	Pro PDm 1.5 bar
Artikelnummer	21618

Find more information online:

[Operation and maintenance instructions Pro PU, Pro PUm, Pro PDm](#)

[Statement Of Compliance](#)

[Pro PDm RFA](#)

[Pro PDm STEP](#)

[Pro PDm IGES](#)

[DXF Pro PDm](#)

[REVIT Pro Range Collection](#)

[Overview of spares kits](#)

[Productdatasheet Pro PDm](#)

[Export catalogue](#)

[Packaging data](#)

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