

INTRODUCING THE TOP UP PRESSURISATION UNIT



2 Year Warranty

Energy Saving

8 x Volt Free Contacts

Fluid Protection Category 5

Wall Mounted Compact Design

Heating & Chilled Water Systems

EU/UKCA Declaration
of Conformity

Protection and Event Logging

SPIROEXPAND[®] MB0650

The SpiroExpand MB0650 is a top up pressurisation unit with a flow rate (up to 18.5 l/min max @1bar) and a 5 litre internal category 5 (AB air gap) break tank. Available as a single pump configuration. With electronic pressure transducer and user-friendly microprocessor for use on sealed systems in order to provide a minimum system pressure requirement.

The unit is easy to install and commission and housed in a compact, enclosed unit, making it suitable for wall mounting. Ideal for small commercial or large domestic applications.



**Top Up
Pressurisation Unit**

DESIGN CRITERIA

Article No.	MB0650
Dry Weight (approx.)	20,5 kg
Medium	Water
System Pressure	1-6 barg
Min. Temperature	4°C
Max. Temperature	90°C
Max. Pressure	1-6 barg
Min. Flow Rate	78 l/hr @ 6 barg
Max. Flow Rate	1110 l/hr @ 1,0 barg
Supply Pressure	1-10 barg
Supply Temperature	>0.40°C
Ambient Temperature	>0.40°C

Unlike our SpiroVent Superior units, this unit has no degassing function. It purely pressurises so, will always be found/designed/ sold with an expansion vessel. Spirotech offers a wide range of fixed gas expansion vessels suitable for these applications.

Vessels



Spirotech are specialist in our field, with a dedicated team able to offer design expertise on your projects.

DIMENSIONS TOP UP PRESSURISATION UNIT

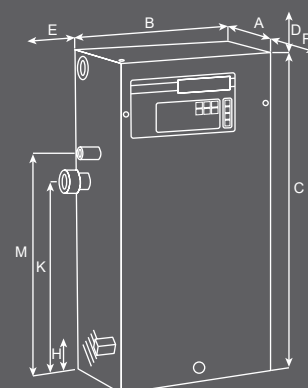
TYPE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	K (mm)	M (mm)
	200	305	705	300	200	600	225	425	465

Connection Sizes

H = System Refill Line ½" male

K = Overflow Pipe 19 mm

M = Cold Mains Supply ½" male



**FOR MORE INFORMATION ABOUT SPIROEXPAND PRODUCTS OR TO REQUEST A CALL FROM
ONE OF OUR DEDICATED SALES TEAM, VISIT OUR WEBSITE WWW.SPIROTECH.CO.UK**