









WS1 PRESSURISATION UNIT



-  The Flow Mech Products WS1 Pressurisation Unit is designed for use on either heating or chilled water systems up to and including 2.8 Bar cold pressure. High pressure units are available, details on request.
-  The unit has high and low pressure switches pre-piped and pre wired to provide separate or common fault and/or enable signals (volt free contacts).
-  Designed for ease of installation. All mechanical connections terminate externally.
-  All electrical connections terminate in a common terminal box.
-  Wall hung.
-  Maintenance Friendly
-  Volt Free Contacts
-  Robust Construction

PIPEWORK

Suction discharge internal pipework in copper + plastic capillary tubing, complete with system and vessel isolating valves terminating in 1/2" BSPM screwed connections.

PUMP SPECIFICATION

Casing: Bronze
 Shaft: Stainless Steel
 Impellor: Bronze
 Seal: Self adjusting Mechanical

VESSEL DIMENSIONS

CODE	A (mm)	B (mm)	Dry weight (kg)	Max weight (kg)
5P	170	301	2.0	7.0
8P	220	298	2.5	10.5
12P	274	328	3.0	15.0
18P	274	370	3.5	21.5
50V	380	750	13.0	63.0
60V	380	850	15.5	75.5
80V	460	810	18.5	98.5
100V	460	935	25.0	125.0
150V	510	1005	36.0	186.0
200V	590	1319	46.0	246.0
300V	650	1411	57.0	357.00
500V	750	1600	113.0	613.0
750V	800/750	1780/2267	150.0	900.0
1000V	800	2080	226.0	1226.0
24H	281	495	8.0	32.0
50H	405	620	13.0	63.0
60H	405	720	15.5	75.5
80H	495	660	18.5	98.5
100H	495	780	25.0	125.0
150H	535	950	36.0	186.0
200H	625	1089	46.0	246.0
300H	680	1237	57.0	357.0

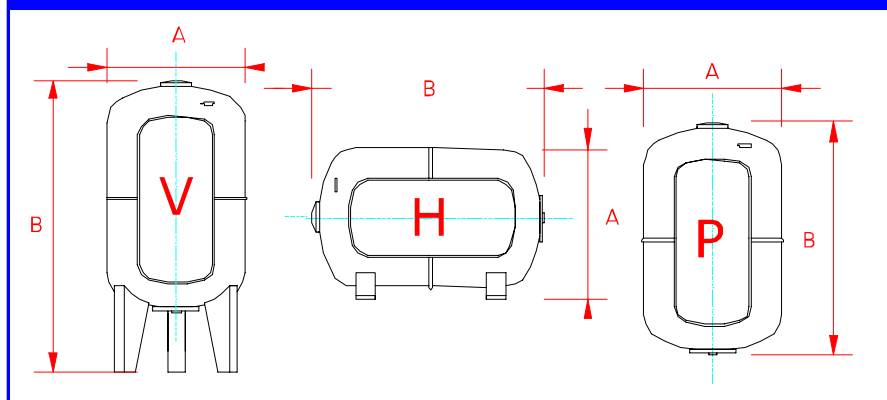
BREAK TANK

Single industry standard 18 litre polypropylene break tank fitted with 1/2" WRAS listed HP ball valve and 22mm compression overflow connection & overflow weir giving type AB air gap.

ELECTRICAL

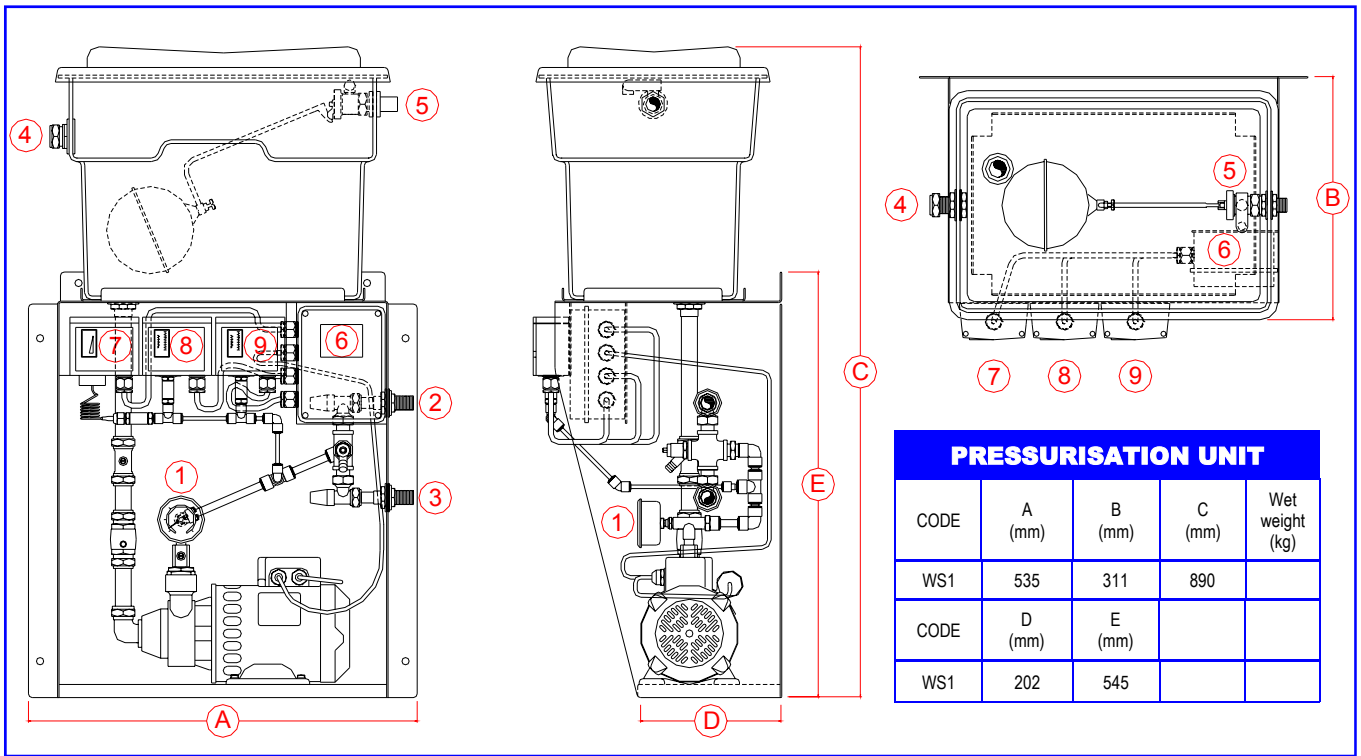
Motors totally enclosed fan cooled continuously rated.
 Electrical Supply: 230 ac single phase
 F.L.C.: 2.2 amps
 Power Consumption: 300 watts continuously rated

VESSELS



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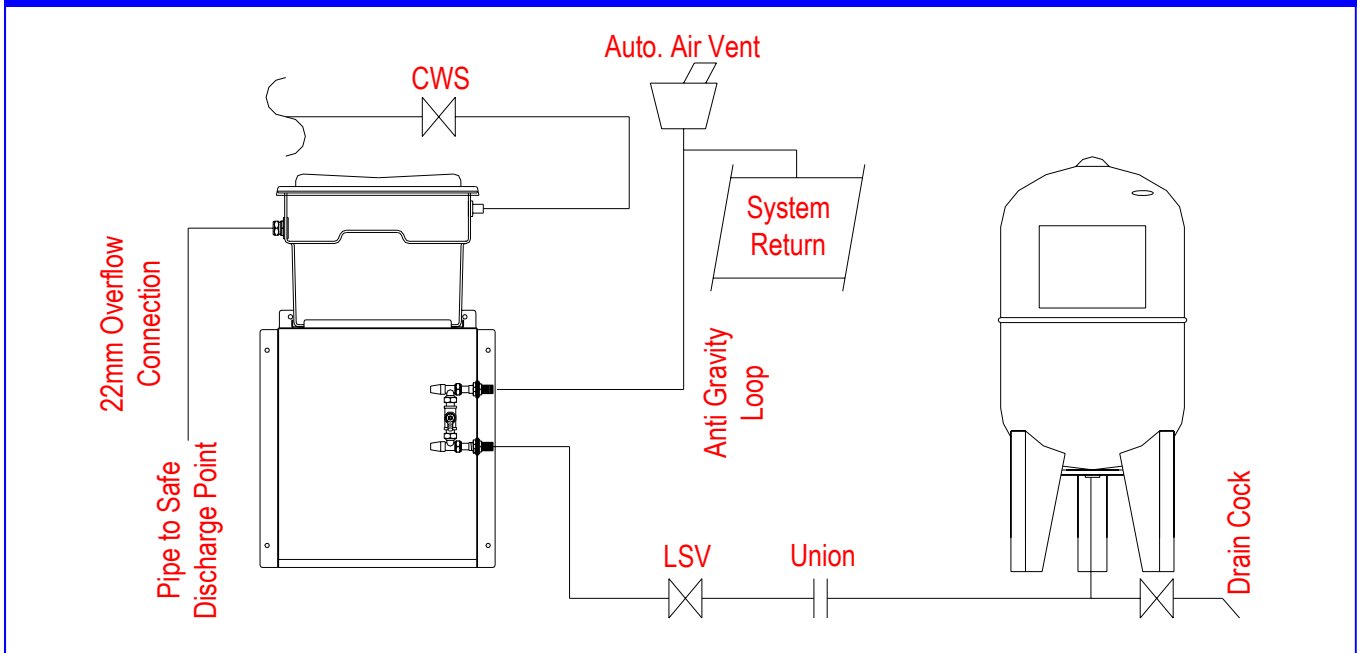
The Company pursues a policy of continuous improvement and reserves the right to change detail and specification without prior notice



COMPONENT LEGEND

- | | | |
|---------------------------------------|-----------------------------|--------------------------|
| 1. System Pressure Gauge | 4. 22mm Overflow Connection | 7. Pump Control |
| 2. 1/2" BSP Male System Connection | 5. 1/2" BSP Ball Valve | 8. Low Pressure Control |
| 3. 1/2" BSP Male Connection To Vessel | 6. Terminal Box | 9. High Pressure Control |

SCHEMATICS



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