



PRESSURE TANKS

FEATURES

- Mild steel shell
- Interchangeable EPDM/Butyl membrane
- Maximum operating pressure 10 bar (16 bar optional)
- Working temperature -10°C to 100°C
- Suitable for drinking water applications
- Requires no maintenance

BENEFITS

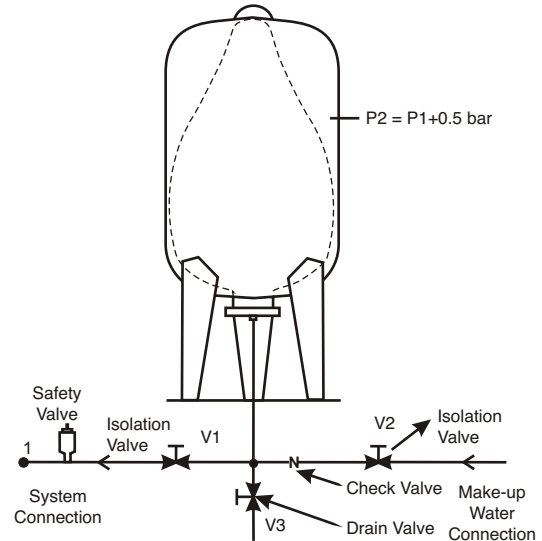
- Compensates for pressure variation due to water volume changes with temperature variations in HVAC Systems
- Maintains constant water flow even at the most weak points in water supply systems
- Reduces stress on hydronic system components
- Prevents water hammering, stabilizes pressure variation
- Reduces pump cycling

TECHNICAL DATA

Materials		
Shell	:	MS
Membrane	:	EPDM/Butyl
Sizes	:	24 - 5000 Liters
Pre loading pressure	:	2 Bar
Max operating pressure	:	10 Bar (16 Bar optional)
Working temperature	:	-10 °C to 100 °C

INSTALLATION AND COMMISSIONING

1. Tank is generally installed at the suction side of the pump.
2. Instal two isolation valves on either side of the tank.
3. Install the drain valve at the bottom of the tank.
4. Install the safety valve on the pipe connecting expansion tank to the system.
5. Close valves V1 & V2, open V3 and drain water form the expansion tank.
6. Check standing pressure P1 at the 1.
7. If the standing pressure is P1, then per-charge the tank, though the air -valve provide, with nitrogen to 0.5 bar above it, i.e. $P2 = P1 + 0.5$ bar.
8. Close valve V3 and open valves V1 and V2.



DIMENSIONS

All dimensions are in mm

MODEL TYPE	CAPACITY Litres	Conn. Size (C)	H	h	D	Approx. Weight Kgs. (empty)
CET 24	24	1"	470	-	280	5
CET 50	50	1"	420	180	409	10
CET 100	100	1"	720	250	480	20
CET 300	300	1¼"	980	250	634	50
CET 500	500	1¼"	1250	300	740	80
CET 750	750	2"	1650	300	740	130
CET 1000	1000	2"	1900	300	800	200
CET 1500	1500	2"	2100	300	960	250
CET 2000	2000	2"	1900	300	1200	600
CET 3000	3000	2"	1700	300	1500	900
CET 4000	4000	2"	2550	300	1500	1200
CET 5000	5000	2"	3250	300	1500	1500

