

# VAREM

## PRESSURE TANKS



Capacity	Max. Pressure Bar	Connections	Dimensions	
			D	H
<b>VERTICAL</b>				
24	8	1"	351	347
60	10	1"	379	815
100	10	1"	450	910
300	10	1 1/2"	624	1373

### APPLICATIONS

Pressure tanks are used to prevent continuous intermittent start/stop of pumps caused by small water leakages or small water drawoffs. They incorporate a replaceable rubber bladder filled with pre-charged pressure.

### CHOICE OF EXPANSION TANK

The choice of the volume of the expansion tank is determined on the basis of the duty point and required flow rate of the pump. The capacity is usually 1/3 of the flow rate expressed in l/min.

**Example:** Q=120 l/min expansion tank size = 120/3=40 ltrs.

### MAINTENANCE

Check the precharge pressure of the expansion tank at least every 4-6 months, with the system drained, to ensure it is maintained at 0.3 bar below the lowest of the starting pressures of the electric pumps.

### PRESSURE SWITCHES



The pressure switch controls pump working automatically, and makes it work between the minimum and maximum set values. At the minimum set value, the electric contacts close and the motor starts. At the maximum value, the contacts open and the motor stops.

MODEL	RANGE	SETTING	RATED CURRENT	NORMAL POWER
PM/5	1-5Bar	1.4-2.8Bar	12A	240V
PM/12	3-12Bar	5-7Bar	12A	240V
PC-2B	1.3-5.5Bar	1.4-2.8Bar	12A	240V
PC-4W	1-11Bar	5-8Bar	12A	240V
PC-26W	1-16Bar	8-12Bar	20A	240V

### FJH FLOAT SWITCH



Suitable for water pumps and light duty plumbing systems

- Microswitch: 20(8)A250V
- Angle activation: 45°
- Max depth: 10m

### FLOTEC



Double chambers float switch for extreme and heavy duty applications.

- Microswitch: 20(8)A250V
- Angle activation: 45°
- Max depth: 20m
- min-15°C (-59°F) - max.+ 60°C (+140°F)
- PVC 6 metres
- Polypropylene
- IP 68

### AVS VOLTAGE PROTECTORS



3 Phase Voltage protection upto 30amps 380-415V/50Hz



Single Phase Voltage protection upto 16amps 220-240V/50Hz



Single Phase Voltage protection upto 30amps 220-240V/50Hz