

PRESSURE MAINTAINING STATION



FEATURES

- Used for maintaining chilled/hot water system pressure and degassing in HVAC applications.
- Microprocessor based controller with display
 - Senses & maintains system pressure.
 - Operates spill control valve to release water during expansion/pressure increase.
 - Starts multistage pumps during contraction/pressure decrease.
 - Soft start/stop facility.
 - Programmable deaeration schedule.
- Double pump, (1 working + 1 stand-by).
- Multistage, high pressure centrifugal pumps - quiet, reliable and rugged.
- Flow meter to measure and record the make up and degassed water quantity.
- All Components i.e. pumps pressure transmitter, flow meter, interconnecting piping and control panel factory mounted on a compact steel frame.

BENEFITS

- Ensures positive pressure throughout the system thus preventing vapour/air locks.
- Automatic operation.
- BMS Compatible.

TECHNICAL DATA

Model	:	PMS-225	PMS-260	PMS-2100	PMS-2150
Pump					
Type	: Multistage, centrifugal			
Power(KW)	:	0.75	1.1	1.5	2.2
Power supply (AC, 50Hz)	: 415V, 3Ph			
Max. flow rate (CMH)	:	2	2	2	2
Max. head (mWC)	:	25	60	100	150
Pressure rating	: PN16			PN20
Max. fluid temperature	: 70°C			
Protection	: IP55			
Controls					
Pressure Range	:	0 to 10 bar 0 to 25 bar		
Pressure Differential	: 1 bar			
Control Panel Protection	: IP55			

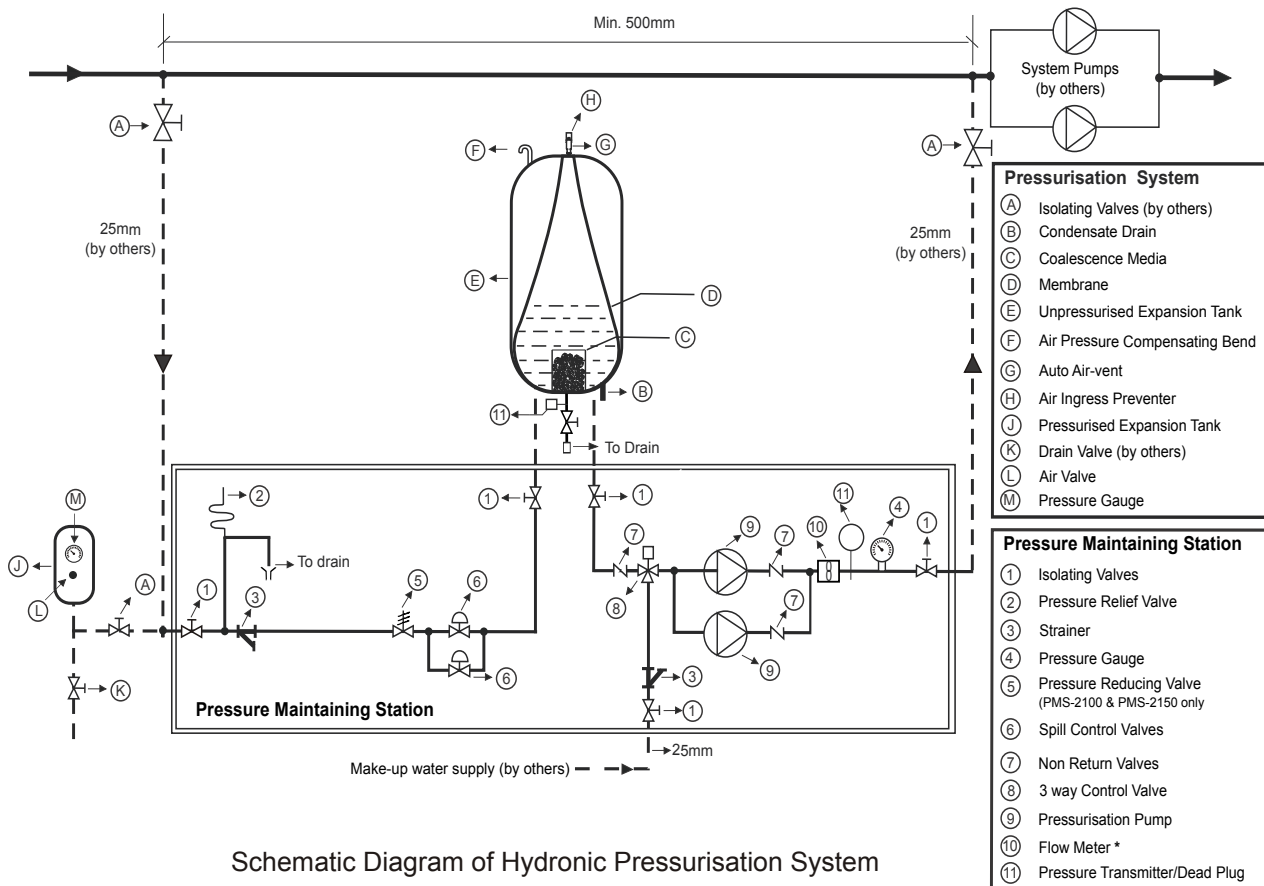
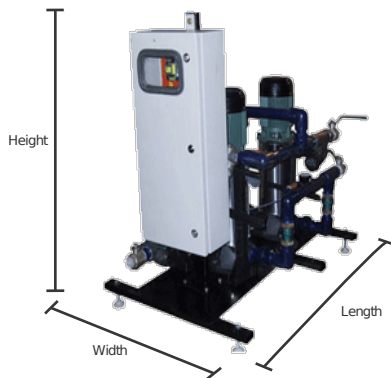
INSTALLATION AND COMMISSIONING

For detailed installation & commissioning instructions, refer to installation manual shipped along with the unit.

DIMENSIONS

	PMS-225 - 2100	PMS-2150
L	1050	1050
W	700	700
H	830	1050

All dimensions are in mm



Schematic Diagram of Hydronic Pressurisation System

* Flow Meter not included with PN20 units.