

# 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 .....			

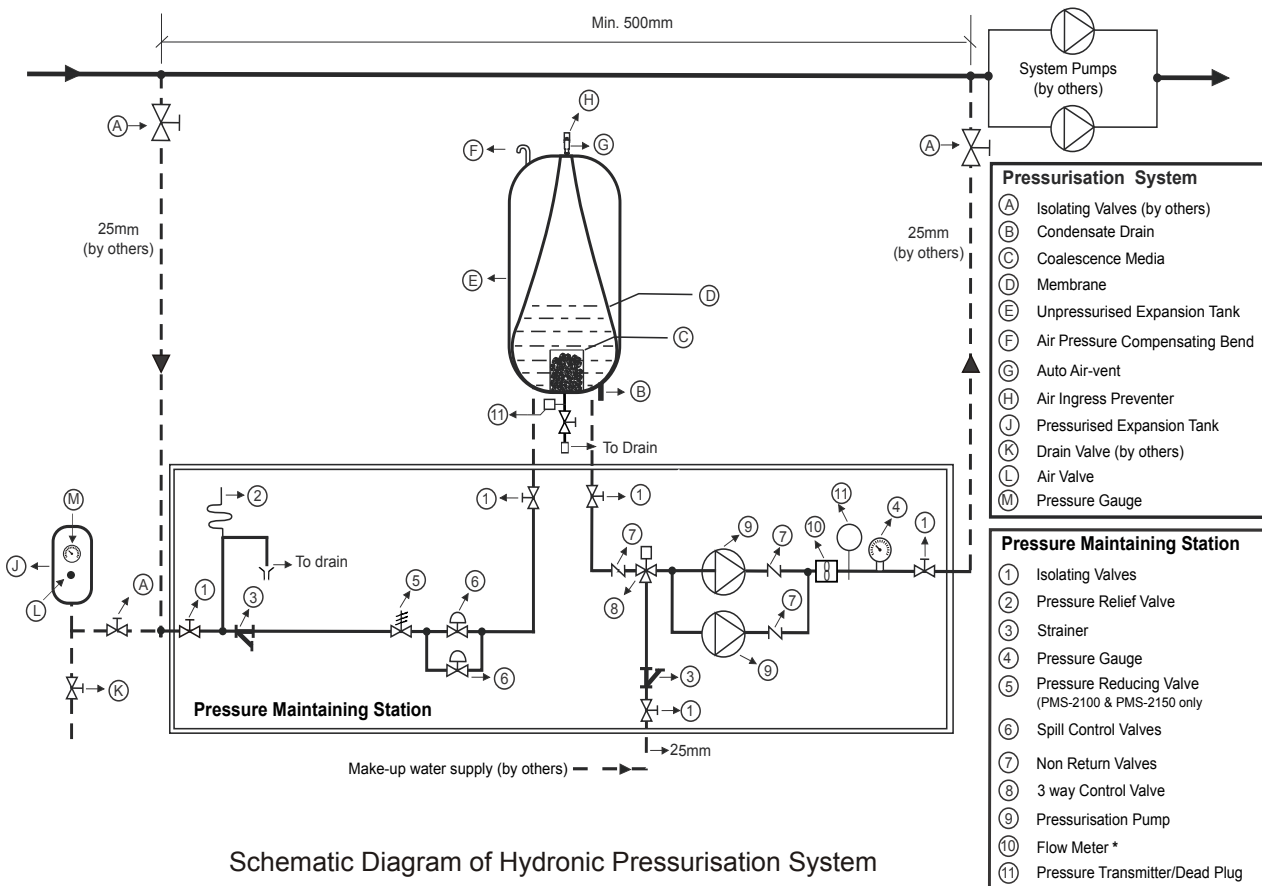
## INSTALLATION AND COMMISSIONING

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.