

PRESSURE MAINTAINING STATION



FEATURES

- Used for maintaining chilled/hot water system, pressure and degassing in HVAC applications.
- Microprocessor based controller with HMI display
 - Senses & maintains system pressure.
 - Operates spill control valve to release water during expansion/pressure increase.
 - Starts multistage pumps during contraction/pressure decrease.
 - 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

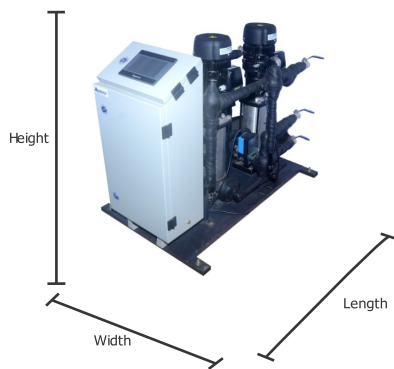
- Ensures positive pressure throughout the system thus preventing vapour/air locks.
- Automatic operation
- BMS Compatible

TECHNICAL DATA

Model	: PMSH-225 PMSH-260 PMSH-2100 PMSH-2150			
Pump				
Type	: Multistage, Centrifugal			
Power (kW)	: 0.75	1.1	1.5	2.2
Power suppl(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			
Controls Panels Protection:	: IP55			

INSTALLATION AND COMMISSIONING

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



DIMENSIONS

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

All dimensions are in mm

