

**DESCRIPTION:**

Steam at high pressure occupies less volume per kg than steam at lower pressure. Thus steam is generated & distributed at high pressure than required. Just before the use its pressure is reduced to achieve the Process Requirements. Pennant offers Pressure reducing Station with Control Valve & Pressure Control Loop which ensures the required accurate Pressure Control to fulfill the Process Requirements.

**FEATURES:**

1. Systems supplied are complete and ready to fit on site.
2. Use of control valve with pressure control loop instrumentation ensures accurate pressure control with use of auxiliary energy.
3. Single stage pressure reduction results in compact system.
4. Design ensures that the total required pressure drop occurs in control valve & safety valve protects the system against any failure.
5. Systems available for low as well as high pressure drops.
6. All systems are manufactured & 100% hydro tested.
7. Each unit custom engineered & designed to meet specific process requirements.



**SIZES :** ½” x ½” to 8” x 8”

**RATING :** ANSI #150 & #300

**END CONNECTION :**

Flanged to ANSI B16.5 / Butt Weld to ANSI B16.25

**ORDERING INFORMATION :**

1. Inlet Steam Pressure & Temperature
2. Required Outlet Steam Pressure & Temperature
3. Maximum & Minimum Flow Rate.
4. Existing Inlet Pipe Size

**MATERIALS:**

Sr. No.	Item Description	Function	Qty.
1	Moisture Separator	Removes moisture from steam	1 No
2	Inlet Pressure Gauge	Indicate Inlet Steam Pressure	1 No
3	Strainer	Removes dirt, rust, scale etc.	1 No
4	Inlet Isolation Valve	Isolate Control valve for maintenance	1 No
5	Globe Control Valve	Pressure Reducing Application	1 No
6	Outlet Isolation Valve	Isolate Control valve for maintenance	1 No
7	Bypass Valve	Emergency Bypass	1 No
8	Outlet Pressure Gauge	Indicate Outlet Steam Pressure	1 No
9	Safety Valve	Protect system against excess pressure	1 No
10	Steam Trap Module	Removes collected condensate from system	1 No

Local regulations may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only. In the interest of development and improvement of the product, we reserve the right to change the specifications without prior notice.