

CPM-2 Constant Pressure Modulating Valves

The Alfa Laval air-actuated CPM-2 valve series is designed to maintain either constant inlet or constant outlet pressure – important for such applications as: pasteurization, separation, filling systems, filters, filtration and heat exchangers.

Inside, a diaphragm/valve plug system reacts immediately to any alteration of product pressure and changes position so that the pre-set pressure is maintained. The pre-set pressure set point is adjusted by means of a precision self-relieving regulator.

Features and Benefits of CPM-2

- Optimum body design for excellent cleanability
- Side port tangential to bottom of valve body, resulting in no sump
- Welded seat
- Radii on lower diaphragm resulting in excellent cleanability at the clamp area
- Several plug Cvs available dependent upon application
- One special plug allows very low capacities and high CIP flow
- Excellent leakage indication
- Authorized to carry the 3A symbol

Alfa Laval also offers the CPM-I-D-60 for use in higher flow stainless steel pipe systems. Used as an overflow valve, the CPM-I-D-60 maintains a constant pressure in the process line at the inlet side of the valve.



CPM-2 The CPM-O-2 regulates outlet flow by opening at decreasing product pressure and closing at increasing product pressure. The CPM-I-2 regulates inlet flow in the opposite manner.