D146M1032

Differential Pressure Regulator

Overview

The differential pressure regulator eliminates excessive pump head pressure, when most radiator valves are closed due to reduced demand, by controling flow through a bypass line when the difference between supply/return exceeds the setpoint.

Features

- Install between supply and return sides of a hydronic system to stabilize pressure differential and reduce the effects of demand changes.
- Control maintains a constant differential between the two sides by opening a bypass whenever the difference between supply and return reaches the setpoint.
- Provides silent, trouble-free service.
- Easy installation; requires no electrical hookup.
- Easy adjustment of pressure by turning regulating cap.
- Built-in differential pressure indicator.
- Brass valve body with thermoplastic and stainless steel parts.
- Diaphragm of EPDM.

Product Specifications

Dimensions (in.)	6 1/4 in. high x 3 3/8 in. wide
Dimensions (mm)	160 mm high x 86 mm wide
Includes	Built-in differential pressure indicator
Operating Temperature Range (F)	230 F Maximum
Operating Temperature Range (C)	110 C Maximum
Connection Type	Angle type, female threaded NPT
Pipe Size (inch)	3/4 in.
Pipe Size (DN)	DN20
Capacity	120,000 Btu/hr; 18 gpm
Valve Type	Pressure Regulating Valve
Materials (Body)	Brass (body), Stainless steel and engineered thermoplastics. EPDM diaphragm.
Outlet Pressure Adjustment Range (psi)	0-17 psi
Max. Inlet Pressure Rating (psi)	85 Psi