

Differential Pressure Regulators

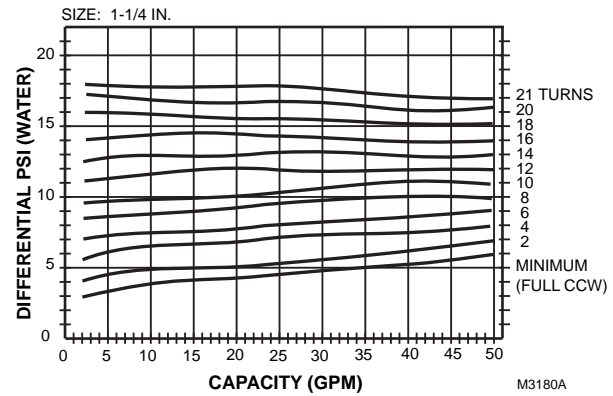
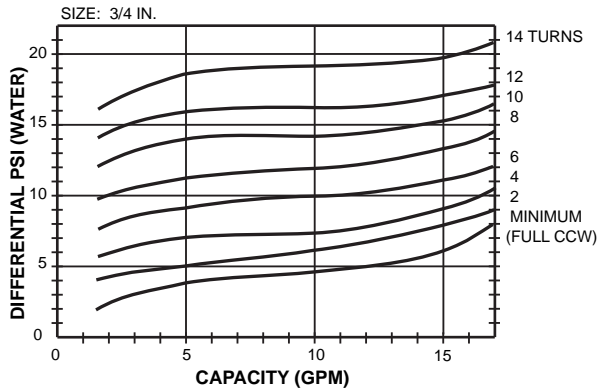
D146 Differential Pressure Regulators



Used to eliminate excessive pump head pressure when most radiator valves are closed due to reduced demand.

- 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.

D146 Capacities



Maximum Inlet Pressure Rating (psi): 85 Psi
Outlet Pressure Adjustment Range (psi): 0-17 psi
Pipe Connection: Angle type, female threaded NPT

Temperature Range: 230 F (110 C)
Materials: Brass (body), Stainless steel and engineered thermoplastics.
 EPDM diaphragm.

Product Number	Pipe Size		Capacity	Dimensions, Approximate		Description	Includes
	inch	DN		inch	mm		
D146M1032	3/4 in.	DN20	18 gpm; 120,000 Btu/hr	6 1/4 in. high x 3 3/8 in. wide	160 mm high x 86 mm wide	Differential Pressure Regulator, 3/4 in.	Built-in differential pressure indicator
D146M1040	1 1/4 in.	DN32	50 gpm; 395,000 Btu/hr	8 1/2 in. high x 4 1/4 in. wide	213 mm high x 109 mm wide	Differential Pressure Regulator, 1 1/4 in.	Built-in differential pressure indicator

Hydronic Controls