

**Series AP Air Pressure Control Pilots**

The Series AP Air Pressure pilot valves are designed for applications such as injection molding, lab equipment, or others that require frequent outlet pressure changes. The **required Air PRV Regulator** allows remote adjustment of the outlet steam pressure.

- Lightweight, compact size prevents strain on mounting pipes
- Tight shut-off provided by hardened stainless steel pin and seat
- Packless construction eliminates seals that wear out and leak
- Travel stop and cover on diaphragm helps prevent over pressurization damage
- Removable strainer helps prevent debris from entering pilot
- No bias relay required
- Compatible with Pneumatic Temperature Pilots
- Maximum temperature 450°F (232°C)
- Maximum operating pressure 250 psig (17.3 bar)

Materials of Construction	
Part	Specifications
Body	Steel ASTM A108
Pin	Stainless Steel ASTM A581
Seat	Stainless Steel ASTM A582
Diaphragm Button	Stainless Steel ASTM A582
Spring	Stainless Steel ASTM A313
Strainer	Stainless Steel ASTM A240
Diaphragm	Beryllium Copper ASTM B194
Upper Diaphragm	Stainless Steel ASTM A240
Gaskets	Copper ASTM B152

**Ordering Information**

**Air Pilots**

Model Number	Part Number	Pressure Ratio	Maximum Pressure lbs. (bar)	Weight (Approx.) lbs. (kg)
AP-1A	400556	1 : 1	250 (17.3)	4 (1.8)
AP-4A	400557	4 : 1	250 (17.3)	5 (2.3)

**Air PRV Regulators**

The Model Air PRV is designed to regulate air pressure directly to Air Pressure Control Pilots.

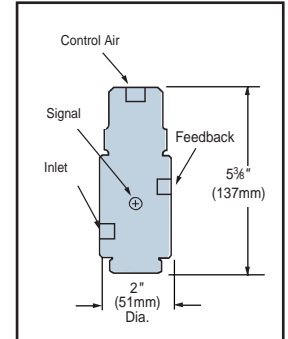
**Ordering Information**

**Air PRV Regulators**

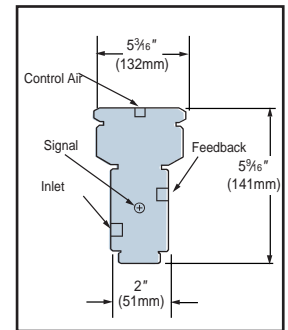
Model Number	Part Number	Weight (Approx.) lbs. (kg)
Air PRV (Regulator w/gauge)	402722	1 (.5)



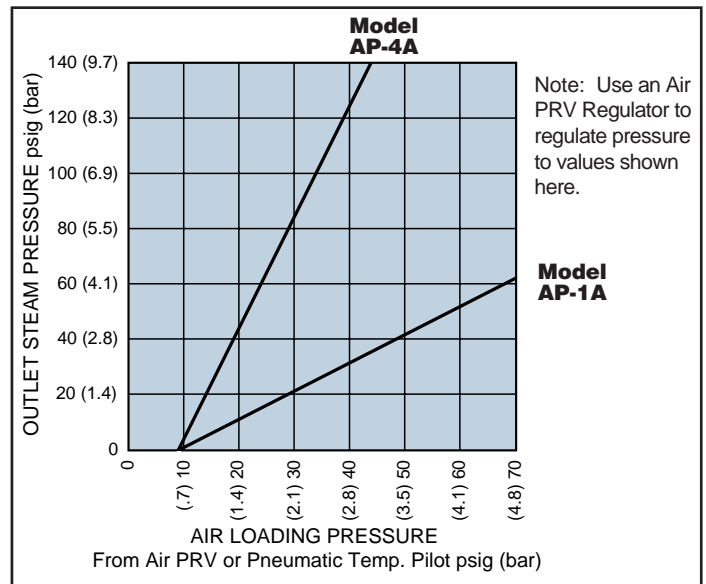
**Model AP-1A**



**Model AP-4A**



**Air Loading Data**



**Air PRV Regulator**

