



TYPE P50 GAS REGULATORS INSTRUCTIONS

These regulators are designed for air and gas service. Maximum pressures are described on the individual labels. Operating temperatures are 0 to 160°F.

Installation:

Install the regulator as close to the instrument or tool it is to service. The words "IN" and "OUT" are cast in the body to indicate the direction of flow. (NOTE: If a lubricator is to be used in the system, install it downstream of the regulator.)

Operation:

Types P050: Before turning on the supply air, screw out the adjusting screw until there is no compression on the regulating spring. Turn on the air supply and turn the adjusting screw until the desired secondary pressure is reached.

WARNING: The P50 is supplied with a ¼-18 NPT tapped vent port that allows for installation of plumbing to capture exhaust gas. Under no circumstances should this exhaust port be plugged. The plugging of the vent port will cause damage to the internal components of the regulator and prevent the regulator from functioning properly.

Maintenance:

Periodic cleaning of the filter is recommended on P050 regulators.

A. To remove condensate, slowly open drain valve and bleed accumulated liquid.

B. To clean filter element:

- 1) Shut off air supply.
- 2) Drain condensate.
- 3) Remove large bolt from bottom of unit.
- 4) Remove bowl, filter and gasket.
- 5) Clean all parts thoroughly and reassemble in reverse order.

C. To install replacement parts:

- 1) Order repair kit for Type P050, (P/N 971-177-00).
- 2) Shut off air supply. Screw out adjusting screw.
- 3) Remove 4 screws and bottom hex head screw and remove all parts.
- 4) Replace parts that show excessive wear with items in kit.
- 5) Clean all parts and replace in reverse order.
- 6) The pintle spring screw should be installed finger tight with a screw driver.
Bottom Hex head screw should be torqued to 22-25 ft./lbs.

Direct any specific questions to the nearest Bellofram Sales Engineer or to the factory.

Warranties of Sale, disclaimer thereof and limitations of liability are covered exclusively by Marsh Bellofram's printed warranty statement for the regulators. These instructions do not expand, reduce, modify or alter Marsh Bellofram's warranty statement and no warranty or remedy in favor of a customer or any other person arises out of these instructions.

For technical assistance contact: 800-727-5646 • FAX [304] 387-1212 • www.marshbellofram.com