

PC48 PRESSURE CONTROL PILOT

The PC48 is a rugged, economical pressure control pilot. It can be used anywhere pressure control of high pressure gas is required. When used in conjunction with a control valve it may serve as either a back pressure regulator or pressure reducing regulator.

The standard PC48 is available as reverse acting. The PC48 functions by sensing a high-pressure signal and outputting a low-pressure signal when the high pressure signal falls above the set point. A direct acting option is also available and works by outputting a low-pressure signal when the high pressure signal rises above the set point. A NACE compliant option with Viton® soft goods is available.

SPECIFICATIONS

Connections:

- 1/4" Female NPT

Temperature Range:

- -20° F to 400° F (-29° C to 204° C)

Weight:

- 16 lbs

Sensitivity:

- 1 psi Sense Pressure change corresponds to roughly 8 psi Output Pressure change

MATERIALS

Body and Base:

- Steel

Bonnet:

- Steel

Seats:

- Stainless Steel

Main Spring:

- Carbon Steel

Diaphragm:

- Nylon Reinforced Buna
- Nylon Reinforced Viton® (Optional)

Seals:

- Buna
- Viton® (Optional)

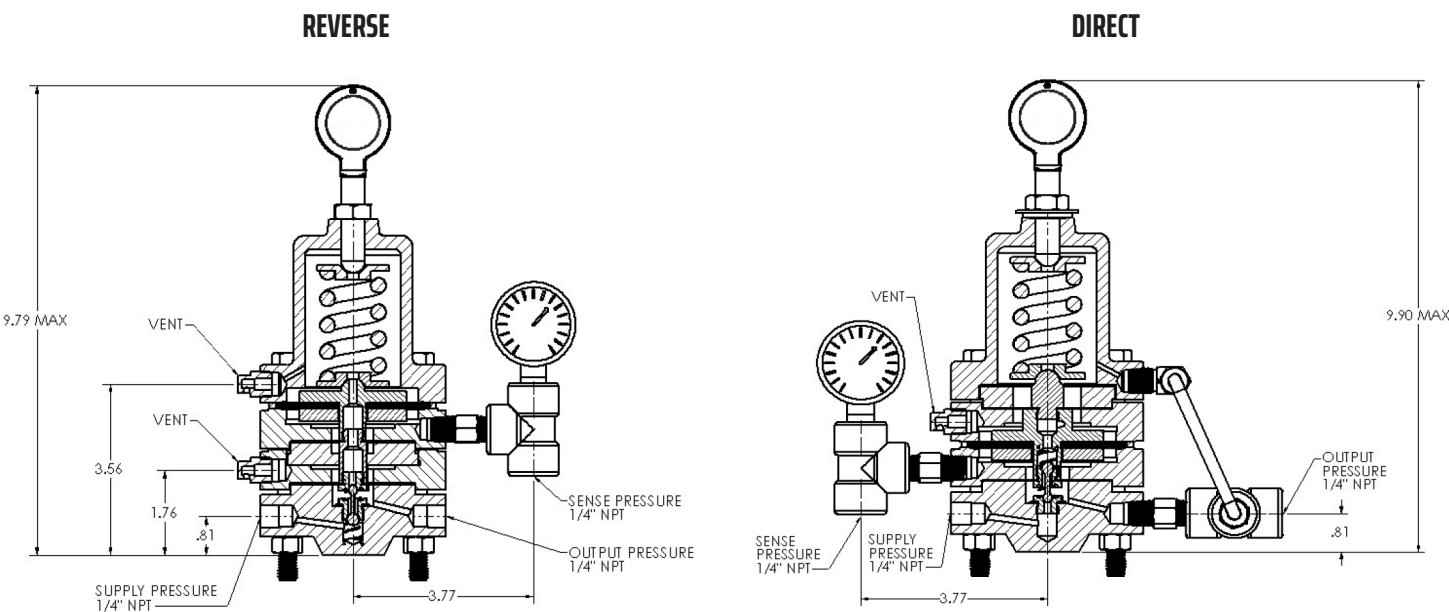
REVERSE



DIRECT



DIMENSIONS



HOW TO ORDER

EXAMPLE MODEL NO. **PC48-RB-150**

PC48 Series Pressure Control Pilot, Reverse Acting, Steel Body and Base, Carbon Steel Bonnet, Stainless Steel Seat, Nylon Reinforced Buna Diaphragm, Buna Seals, 150 PSI Spring

ACTION

R - Reverse **D** - Direct

ELASTOMERS

B - Buna **V** - Viton (NACE)

SPRING

150 - 5-150 psi **300** - 10-300 psi

PC48 - R B - 150
SERIES

NOTE: Standard model comes with mounting bracket and screws.
Repair kits available

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08/2026

