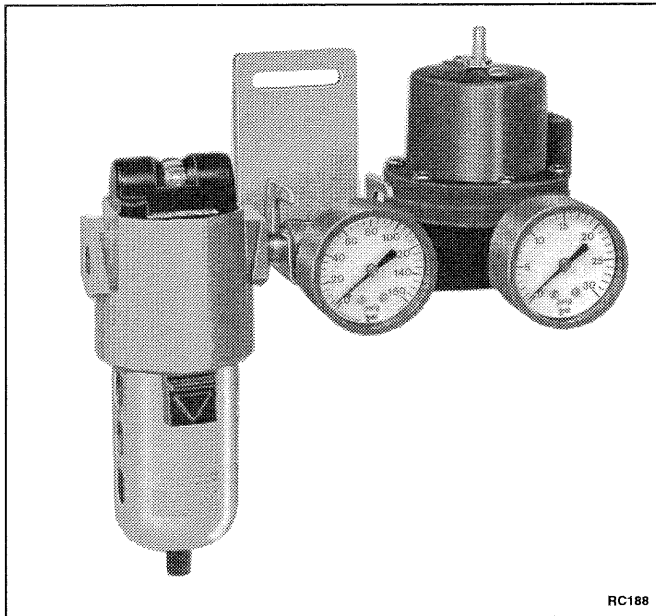


PP902C & D Pressure Reducing Valve and Filter Stations

SPECIFICATION DATA



FEATURES

- Built-in adjustable safety relief valve
- Built-in pressure gages
- Pneumatically controlled, adjustable, two-pressure model available for Day/Nite or Summer/Winter control systems
- Built-in, high-capacity micron filter
- RP418 or RP818 Electric-Pneumatic Relay and 14003638-001 Mounting Bracket Kit mount directly to PP902D switchover port
- Green-Red filter replacement indicator

GENERAL

The PP902C and D Pressure Reducing Valve (PRV) and Filter Stations control the pressure and filter the air delivered to pneumatic control systems.

The PP902C is used in single pressure systems, while the PP902D is used in two-pressure systems requiring two independently regulated air pressure settings.



DESCRIPTION

The PP902C and D Pressure Reducing Valve (PRV) and Filter Stations control the pressure and filter the air delivered to pneumatic control systems. The PP902C is used in single pressure systems, while the PP902D is used in two-pressure systems requiring two independently regulated air pressure settings.

SPECIFICATIONS

Models:

- PP902C: Single-pressure PRV
- PP902D: Two-pressure PRV

Inlet Pressure:

45 to 150 psi (310 to 1034 kPa)

Outlet Pressure (Regulated):

0 to 25 psi (0 to 172 kPa); factory set at 18 psi (124 kPa)

Differential Pressure (PP902D):

Adjustable 0 to 5 psi (0 to 35 kPa) above primary pressure; factory set at 4.5 psi (31 kPa)

Gages:

Inlet: 0 to 160 psi

Outlet: 0 to 30 psi

or

Inlet: Dual scale, 0 to 160 psi and 0 to 11 kPa

Outlet: Dual scale, 0 to 30 psi and 0 to 2 kPa

Filter Replacement Indicator:

Full green, new filter

Full red, filter replacement recommended, 10 psi (69 kPa) pressure drop

Safety Pressure Relief:

Adjustable 12 to 25 psi (83 to 172 kPa); factory set at 22 to 25 psi (152 to 172 kPa)

Relief Capacity:

5 cu ft/min (2.4 L/s) at 20 psi (138 kPa) outlet

Maximum Air Flow:

10 cu ft/min (4.7 L/s) at 18 psi (124 kPa) outlet

Maximum Air Consumption:

0.06 cu ft/min (1700 cu scm/min)

Connections:

Inlet and outlet air: 1/4-inch female NPT
PP902D pilot: 1/8-inch female NPT

Filter Bowl Material:

Polycarbonate with metal bowl guard

Filter Rating:

0.01 micron coalescing type; 99.9998 percent filtering efficiency

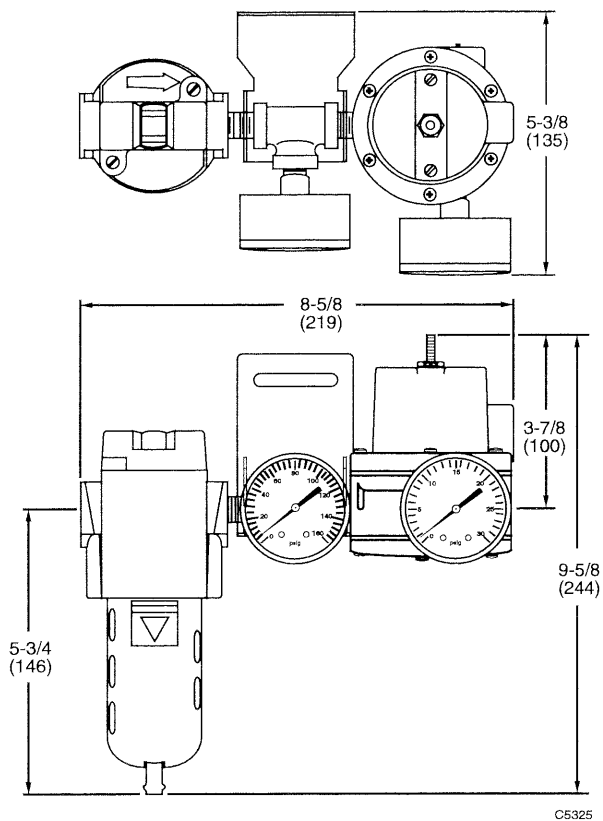
Mounting:

Mount with bracket provided or directly supported by plumbing system

Finish:

Anodized aluminum (PRV) and paint (filter)

Dimensions in Inches (Millimeters):



Accessories:

- RP418 or RP818 Electric-Pneumatic Relay (requires a Mounting Bracket Kit 14003638-001 for mounting on the PP902D)
- Mounting Bracket Kit: 14003638-001 (for mounting RP418 or RP818 Electric-Pneumatic Relay directly on PP902D switchover port)
- Filter Replacement Kit: 14004203-001

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Home and Building Control

Honeywell Inc.
Honeywell Plaza
P.O. Box 524
Minneapolis MN 55408-0524

Home and Building Control

Honeywell Limited-Honeywell Limitée
740 Ellesmere Road
Scarborough Ontario
M1P 2V9

Honeywell Asia Pacific Inc.

Room 3213-3225
Sun Hung kai Centre
No. 30 Harbour Road
Wanchai
Hong Kong

Honeywell Latin American Division

Miami Lakes Headquarters
14505 Commerce Way Suite 500
Miami Lakes FL 33016

Honeywell Europe S.A.

3 Avenue du Bourget
B-1140 Brussels Belgium

Honeywell

