Filter / Regulator
B08

Features
• Space-Saving Integral Filter / Regulator Design
• Unique Flush-mounted Pressure Gauge Available
• Balanced Valve Design
• Modern Design and Appearance
• Light Weight
• High Flow Capacities
• Quick-Disconnect Bowl / Bowl Guard

Specifications
Flow Capacity* 1/4 73 SCFM (35 dm³/s, ANR)
Adjusting Range 0 to 30 PSIG (0 to 2 bar)
Pressure 0 to 60 PSIG (0 to 4 bar)
0 to 125 PSIG (0 to 8 bar)
0 to 232 PSIG (0 to 16 bar)
Gauge Ports (2)** NPT 1/8
Maximum Supply Plastic Bowl 150 PSIG (10.3 bar)
Pressure Metal Bowl 250 PSIG (17.2 bar)
Operating Plastic Bowl 14° to 125°F (-10° to 52°C)
Temperature† Metal Bowl 14° to 150°F (-10° to 65.5°C)
Port Size NPT / BSPP-G 1/4
Bowl Capacity Standard Filtration 0.4 oz
Weight 5 Micron 0.42 lb. (0.19 kg)

Materials of Construction
Adjustment Knob Acetal
Body Aluminum
Body Cap ABS
Bonnet PBT
Bowl Plastic Bowl Polycarbonate
Metal Bowl Aluminum
Bowl Guard Nylon
Diaphragm Assembly Brass / Nitrile
Filter Element Polyethylene
Panel Nut Acetal
Seals Plastic Bowl Nitrile
Metal Bowl Nitrile
Springs Steel
Valve Assembly Brass / Nitrile

CAUTION:
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design.

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.
Replacement Bowl Kits
Metal Bowl, Manual Drain..............................GRP-96-714
Plastic Bowl / Bowl Guard, Manual Drain........GRP-96-712

Replacement Element Kit
Type "A", 5 Micron ............................................. FRP-96-729

Replacement Kits
Adjusting Knob .................................................. RRP-16-005-000
Diaphragm Assembly –
Non-relieving .................................................... GRP-96-726B
Relieving ............................................................. GRP-96-725B
Spring, Regulating –
0 to 125 PSIG (0 to 8.5 bar) .......................... GRP-96-717B

Accessories
Automatic Piston Drain ....................................... GRP-96-716
Panel Mount Nut –
Aluminum .......................................................... RPA-96-733
Plastic ............................................................... RPA-96-734
Gauge, Pressure Flush Mounted –
0 to 60 PSIG .................................................... K4511SCR060
0 to 150 PSIG .................................................... K4511SCR150
0 to 4 bar ......................................................... K4511SCR04B
0 to 11 bar ......................................................... K4511SCR11B
0 to 60 PSIG (0 to 4.1 bar)
1-1/2" Dial Face, 1/8 NPT, CBM .................... K4515N18060
0 to 160 PSIG (0 to 11.0 bar)
1-1/2" Dial Face, 1/8 NPT, CBM .................... K4515N18160
Square with Adapter Kit
0-4 bar ............................................................... P6G-PR10040
0-11 bar ............................................................. P6G-PR10110
0-60 psig .......................................................... P6G-PR90060
0-160 psig ........................................................ P6G-PR90160
Tamper Resistant Kit ........................................ RPA-96-735
Tamperproof Lock and Cover Kit .................. RPA-96-736
Wall Mounting Bracket -
C-Type .............................................................. GPA-97-010
L-Type ............................................................... GRP-96-739

Ordering Information

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Options - To order an option supplied with the unit model, add the appropriate coded suffix letter in the designated position of the model number.