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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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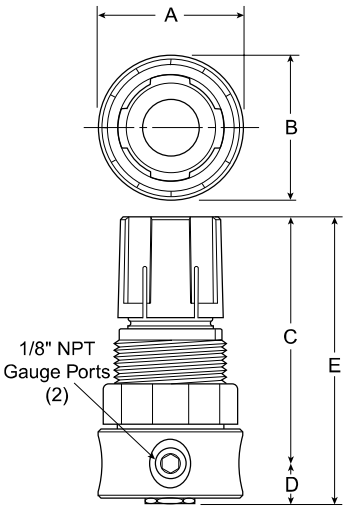
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R364, R374 Regulators – Miniature



Features

- High flow and high sensitivity
- Constant bleed option for semi-precision applications
- Can be used for water service (non-relieving)
- Unbalanced poppet standard
- Diaphragm operated for fast response
- Non-rising adjusting knob
- Stainless steel version available (see stainless steel section of catalog)
- High flow: 10 SCFM§ (Air)
  1.25 GPM (Water)



Port Size	NPT
Brass	
1/8"	**R364-01C**
1/4"	**R364-02C**
Aluminum	
1/8"	**R374-01C**
1/4"	**R374-02C**

Standard part numbers shown bold.
For other models refer to ordering information below.
NOTE: 1.250 Dia. (31.8mm) hole required for panel mounting.
§ SCFM = Standard cubic feet per minute at 100 PSIG inlet, 75 PSIG no flow secondary setting and 25% pressure drop.

R364, R374 Regulator Dimensions

A	B	C
1.56 (39.7)	1.56 (39.7)	2.56 (65.1)
D	**E**	
0.50 (12.7)	3.06 (77.8)	

Inches (mm)

Ordering Information

R	364	—	01	C	G			/**

Series
R364 Brass
R374 Aluminum

Port Threads
– NPT
G BSPP

PortSize
01 1/8 Inch
02 1/4 Inch

Reduced Pressure Range
A 0-25 PSIG
B 0-60 PSIG
C 0-125 PSIG

Options
G Gauge
K Non-Relieving
P Panel Mount Nut
T Tamperproof
X64 Fluorocarbon O-Rings and Diaphragm
X42 Constant Bleed Innervalve
X21 High Flow Innervalve
X10 Max. Pressure Limiting Adjusting Screw
X82 Brass Spring Cage / Adjusting Screw

Pressure Preset Options
Blank No Options
L† Preset Non-Adjustable
P† Preset Adj.
Q† Preset Tamperproof Adjustable
S† Pressure Limiter Max. Adjustable
T† Pressure Limiter Max. Non- Adj.

† Inlet Pressure is 100 PSIG. For other pressures, contact factory.

Engineering Change Designator
Will be entered at factory.

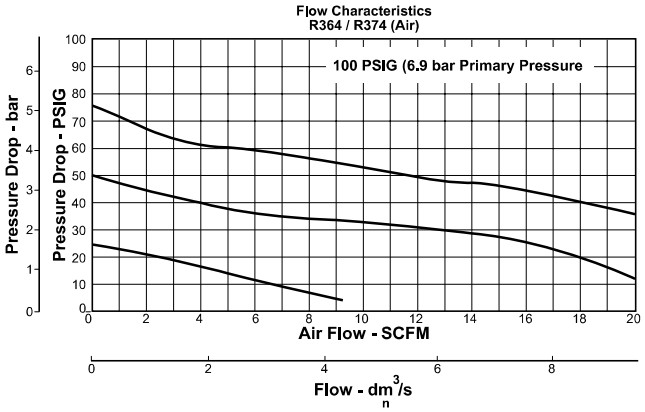
Preset / Pressure Limited
Blank None
XXX* Preset Pressure
XXX* Pressure Limited

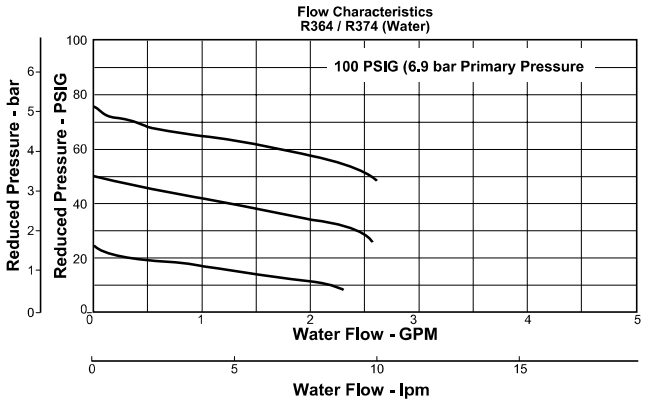
* Available Preset / Pressure Limited Range, 10 to 90 PSIG in 5 PSIG increments. For higher pressures, contact factory.
(Example: 065 = 65 PSIG)

BOLD ITEMS ARE MOST POPULAR.

Parker Hannifin Corporation
Pneumatic Division
Richland, Michigan
www.wattsfluidair.com

Technical Information





⚠ WARNING

Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.

⚠ 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.

R364, R374 Regulator Kits & Accessories

Gauges – 1-1/2" Dial Size, 1/8" Back Connection
0 to 60 PSIG (0 to 400 kPa) K4515N18060
1-1/2" Dial Size, 1/8" Back Connection
0 to 160 PSIG, (0 to 1100 kPa) K4515N18160

Mounting Bracket Kit SA161X57
(Includes Panel Mount Nut)

Panel Mount Nut – Plastic R05X51-P
Aluminum R05X51-A

Spring Cage & Knob CKR364Y

Spring Cage Kit (Tamperproof) CKR364T

Repair Kits –
Standard Nitrile –
Non-Relieving Diaphragm, Valve Assembly RKR163Y
Relieving Diaphragm, Valve Assembly RKR164Y
Fluorocarbon –
Non-Relieving Diaphragm, Valve Assembly RKR164KX64
Relieving Diaphragm, Valve Assembly RKR164X64

Specifications

Gauge Ports (2) ..... 1/8 Inch

Port Threads ..... 1/8, 1/4 Inch

Primary Pressure Rating ..... 2 to 125 PSIG (-15 to 8.5 bar)

Supply Pressure ..... 300 PSIG Maximum (20.4 bar)

Temperature Rating ..... 40°F to 125°F (4.4°C to 52°C)

Weight – Brass Body ..... 0.5 lb. (0.23 kg) / Unit
25 lb. (11.34 kg) / 48-Unit Master Pack
Aluminum Body ..... 0.25 lb. (0.11 kg) / Unit
15 lb. (6.80 kg) / 48-Unit Master Pack

Materials of Construction

Adjusting Screw ..... Steel

Body – R364 ..... Brass
R374 ..... Aluminum

Springs – Adjusting ..... Steel
Bottom ..... Stainless Steel

Spring Cage ..... Acetal

Bottom Plug, Innervalve, Diaphragm Buttom ..... Brass

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