**Miniature Air Regulators**

**FEATURES**
- Micro seat finish to ensure no reduced pressure creep
- Diaphragm operation
- Relieving style standard
- Three position non-rising adjustment knob: push to lock, pull to adjust, detach to make tamper resistant
- Easily panel mounted
- Tamper-proof cap included
- Lightweight

**OPTIONS**
add suffix to part number in alpha order

- **B** 2-Position Mechanical
  - Lock Knob ............... R262B
- **G** Gauge (0-160 psi) .... R262G
- **I** Instrument pressure .... R262I
  - 3 to 20 psi adjustment
- **L** Low pressure .... R262L
  - 3 to 60 psi adjustment
- **N** Non-relieving ........ R262N
- **P** Panel mount ........ R262P
- **U** No gauge ports ....... R262U
- **V** All 1/4" ports .......... R262V
- **Y1** Viton diaphragm/valve set R262Y1
- **Y2** EDPM diaphragm/valve set R262Y2

**SPECIFICATIONS**

- **Body**
  - Glass filled nylon
- **Bonnet**
  - Glass filled nylon
- **Seals**
  - Buna N
- **Supply Pressure**
  - 250 psig
- **Operating Pressure Range**
  - 5 to 125 psig standard
  - 3 to 60 psig optional
  - 3 to 20 psig optional
- **Operating Temperature Range**
  - 40˚F to 120˚F
- **Gauge Ports**
  - 1/8" standard, full flow

**KITS**
- **Panel Mounting Kit**
  - Ring only, panel hole size 13/16" ........ PK1611
- **Diaphragm Kits**
  - Relieving ................. RK260
  - Non-relieving ............ RK260N
- **Bracket Kit** see page 65
  - Bracket and ring ............ BR1611

**Applications**
- Non-relieving diaphragm can be used on liquid applications

**PERFORMANCE CHARACTERISTICS**

![Graph showing performance characteristics]

**DIMENSIONS**

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MODEL NO.</th>
<th>MAX. FLOW SCFM</th>
<th>DIMENSIONS (INCHES)</th>
<th>WEIGHT (OZS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>R261</td>
<td>25</td>
<td>A 1/2, B 1/2, C 2(\frac{1}{4}), D 1(\frac{1}{4})</td>
<td>2</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>R262</td>
<td>25</td>
<td>A 1/2, B 1/2, C 2(\frac{1}{4}), D 1(\frac{1}{4})</td>
<td>2</td>
</tr>
</tbody>
</table>
**Tri•Star Regulators**

**FEATURES**
- Micro finished brass seat to ensure no reduced pressure creep
- Reinforce diaphragm for repeated accuracy
- Minimal pressure droop due to efficient aspiration
- Three position non-rising adjustment knob; push to lock, pull to adjust, detach to make tamper resistant
- Relieving style standard
- In-line or modular installation
- Easily panel mounted
- Tamper-proof cap included
- High scfm flow due to efficient aspiration

**OPTIONS**
- add suffix to part number in alpha order
  - G Gauge (0-160 psi) . . . . . . . . R354G
  - H High pressure . . . . . . . . . . . R354H
    - 10 to 250 psi adjustment
  - I Instrument pressure . . . . . . . . R354I
    - 3 to 20 psi adjustment
  - L Low pressure . . . . . . . . . . . . . . R354L
    - 3 to 60 psi adjustment
  - N Non-relieving . . . . . . . . . . . . . R354N
  - P Panel mount . . . . . . . . . . . . . . . R354P
  - T Tee handle adjustment . . . . . . . . R354T

**SPECIFICATIONS**
- **Body**
  - Black coated aluminum
- **Bonnet**
  - Glass filled nylon
- **Seals**
  - Buna N Elastomer standard
- **Seat**
  - Brass
- **Supply Pressure**
  - 250 psig
- **Operating Pressure Range**
  - 5 to 125 psig
- **Operating Temperature Range**
  - 40°F to 120°F
- **Gauge Port**
  - ¼” full flow

**KITS**
- Repair Kits
  - Diaphragm kit relieving . . . . . . . . DK35
  - Diaphragm kit Non-relieving . . . . . . . . DK35N
  - Valve kit . . . . . . . . . . . . . . . . . . . . . . . VK35
- **Mounting Kits** see page 65
  - Bracket kit . . . . . . . . . . . . . . . . . . . . . . . . RBK5
  - Panel mounting kit ring only panel hole size 1⅛” . . . . . . . . PKR35
  - Panel mount bracket and ring . . . . . . . . . . . . PMKR35

**PERFORMANCE CHARACTERISTICS**

**DIMENSIONS**

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MODEL NO.</th>
<th>MAX. FLOW SCFM</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E (WIDTH)</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼”</td>
<td>R352</td>
<td>50</td>
<td>2⅞/32</td>
<td>1½/32</td>
<td>5⅞</td>
<td>2⅜</td>
<td>2⅜</td>
<td>1.0</td>
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<tr>
<td>⅜”</td>
<td>R353</td>
<td>80</td>
<td>2⅞/32</td>
<td>1½/32</td>
<td>5⅞</td>
<td>2⅜</td>
<td>2⅜</td>
<td>1.0</td>
</tr>
<tr>
<td>⅝”</td>
<td>R354</td>
<td>100</td>
<td>2⅞/32</td>
<td>1½/32</td>
<td>5⅞</td>
<td>2⅜</td>
<td>2⅜</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**PIPE SIZE**

<table>
<thead>
<tr>
<th>D</th>
<th>C</th>
<th>B</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>21/32</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23/32</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25/32</td>
<td>1.0</td>
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</table>
MidFlow Regulators

FEATURES
- Micro finished brass seat to ensure no reduced pressure creep
- Reinforce diaphragm for repeated accuracy
- Minimal pressure droop due to efficient aspiration
- Three position non-rising adjustment knob; push to lock, pull to adjust, detach to make tamper resistant
- Relieving style standard
- Easily panel mounted
- Tamper-proof cap included
- High scfm flow due to efficient aspiration

OPTIONS
add suffix to part number in alpha order
G  Gauge (0-160 psi) . . . . . . . . . . R373G
H  High pressure . . . . . . . . . . . . R373HT
   10 to 250 psi adjustment - Must use
   T-handle option
I  Instrument pressure . . . . . . . . . R373I
   3 to 20 psi adjustment
L  Low pressure . . . . . . . . . . . . R373L
   3 to 60 psi adjustment
N  Non-relieving . . . . . . . . . . . . . R373N
P  Panel mount . . . . . . . . . . . . . . . R373P
T  Tee handle adjustment . . . . . . R373T

SPECIFICATIONS
Body
- Black coated aluminum
Bonnet
- Glass filled nylon
Seals
- Buna N Elastomer standard
Seat
- Brass
Supply Pressure
- 250 psig
Operating Pressure Range
- 5 to 125 psig
Operating Temperature Range
- 40°F to 120°F
Gauge Port
- ¼" full flow

OPTIONS
add suffix to part number in alpha order
G  Gauge (0-160 psi) . . . . . . . . . . R373G
H  High pressure . . . . . . . . . . . . R373HT
   10 to 250 psi adjustment - Must use
   T-handle option
I  Instrument pressure . . . . . . . . . R373I
   3 to 20 psi adjustment
L  Low pressure . . . . . . . . . . . . R373L
   3 to 60 psi adjustment
N  Non-relieving . . . . . . . . . . . . . R373N
P  Panel mount . . . . . . . . . . . . . . . R373P
T  Tee handle adjustment . . . . . . R373T

KITS
Repair Kits
- Diaphragm kit relieving . . . . . DK35
- Diaphragm kit Non-relieving . . . . . DK35N
- Valve kit . . . . . . . . . . . . . . . . . . . VK37

Mounting Kits see page 65
- Bracket kit . . . . . . . . . . . . . . . . . . . RBK7
- Panel mounting kit ring only panel hole size 1⅛" . . . . . PKR35
- Panel mount bracket and ring . . . . . PMKR35

PERFORMANCE CHARACTERISTICS

DIMENSIONS

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MODEL NO.</th>
<th>MAX. FLOW SCFM</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
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<td>¾&quot;</td>
<td>R373</td>
<td>170</td>
<td>3/16</td>
<td>1⅛/16</td>
<td>5/8</td>
<td>2⅝/4</td>
<td>2⅝/4</td>
<td>1.3</td>
</tr>
<tr>
<td>1½&quot;</td>
<td>R374</td>
<td>215</td>
<td>3/16</td>
<td>1⅛/16</td>
<td>5/8</td>
<td>2⅝/4</td>
<td>2⅝/4</td>
<td>1.3</td>
</tr>
<tr>
<td>1⅜&quot;</td>
<td>R376</td>
<td>220</td>
<td>3/16</td>
<td>1⅛/16</td>
<td>5/8</td>
<td>2⅝/4</td>
<td>2⅝/4</td>
<td>1.3</td>
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<tr>
<td>1&quot;</td>
<td>R378</td>
<td>250</td>
<td>3/16</td>
<td>1⅛/16</td>
<td>5/8</td>
<td>2⅝/4</td>
<td>2⅝/4</td>
<td>1.3</td>
</tr>
</tbody>
</table>
High Flow Regulators

**FEATURES**
- Micro finished brass seat to ensure no reduced pressure creep
- Relieving style piston standard
- High scfm flow due to efficient aspiration
- Hard epoxy corrosion protection
- Available in 1”, 1-1/4”, 1-1/2” NPT sizes

**OPTIONS**
- add suffix to part number in alpha order
  - G Gauge (0-160 psi) . . . . . . . . . R398G
  - H High pressure . . . . . . . . . . . . . . R398H
    - 10 to 250 psi adjustment
  - L Low pressure . . . . . . . . . . . . . . R398L
    - 3 to 60 psi adjustment
  - P Panel mount . . . . . . . . . . . . . . R398P

**SPECIFICATIONS**
- **Body**
  - Black coated aluminum
- **Bonnet**
  - Die cast aluminum, black coated
- **Seals**
  - Buna N elastomer standard
- **Seat**
  - Brass
- **Supply Pressure**
  - 250 psig
- **Operating Pressure Range**
  - 5 to 125 psig
- **Operating Temperature Range**
  - 40°F to 120°F
- **Gauge Ports**
  - 1/4"

**KITS**
- **Repair Kit**
  - Piston relieving . . . . . . . . . . . . DK39
  - Piston non-relieving . . . . . . . . . . DK39N
  - Valve . . . . . . . . . . . . . . . . . . . . . . . VK39
  - Spring (5-125 psi) . . . . . . . . . . . SK39
  - Spring (3-60 psi) . . . . . . . . . . . SK39L
  - Spring (10-200 psi) . . . . . . . . . . SK39H
  - Spring cage . . . . . . . . . . . . . . . . . . . SC39

**Mounting Kits** see page 65
- Bracket Kit . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . RBK39
- Panel mounting kit ring only . . . . . . . . . . . . . . PKR35
  - panel hole size 1-3/16"

**PERFORMANCE CHARACTERISTICS**

**DIMENSIONS**

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>MODEL NO.</th>
<th>MAX. FLOW SCFM</th>
<th>( A )</th>
<th>( B )</th>
<th>( C )</th>
<th>( D )</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>R398</td>
<td>600</td>
<td>4(\frac{7}{8})</td>
<td>2(\frac{3}{32})</td>
<td>9(\frac{1}{2})</td>
<td>4(\frac{1}{4})</td>
<td>3.4</td>
</tr>
<tr>
<td>1(\frac{1}{4})”</td>
<td>R3910</td>
<td>700</td>
<td>4(\frac{7}{8})</td>
<td>2(\frac{3}{32})</td>
<td>9(\frac{1}{2})</td>
<td>4(\frac{1}{4})</td>
<td>3.3</td>
</tr>
<tr>
<td>1(\frac{1}{2})”</td>
<td>R3912</td>
<td>700</td>
<td>4(\frac{7}{8})</td>
<td>2(\frac{3}{32})</td>
<td>9(\frac{1}{2})</td>
<td>4(\frac{1}{4})</td>
<td>3.2</td>
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</table>