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& Lubricators

Air Line Filters .............................................................. 9-1 — 9-3
Coalescing Filters ............................................................. 9-4 — 9-6
Air Line Regulators ............................................................ 9-7 — 9-10
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MINIATURE

SERIES 14F

Pipe Ports 1/8" 1/4"
Flow SCFM 22 24
1 Ounce Bowl
5 Micron Element

TEMPERATURE & PRESSURE RATINGS
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F
- Automatic Pulse Drain: 10 to 250 PSIG at 125°F or less

SPECIFICATIONS
- Body: Zinc
- Bowls: Transparent Polycarbonate / Twist Drain PS404P
- Filter Elements:
  - 40 Micron Optional – Plastic PS401P
  - 5 Micron Standard – Plastic PS403P
  - Adsorber Optional – Activated Charcoal PS452P
- Mounting Bracket Kit: PS417BP

DIMENSIONS

<table>
<thead>
<tr>
<th>Poly Bowl</th>
<th>Metal Bowl without Sight Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twist Drain</td>
<td>1/8&quot; 14F01BB 1/8&quot; 14F05BB 1/8&quot; 14F03BB 1/8&quot; 14F07BB</td>
</tr>
<tr>
<td>Automatic Pulse Drain</td>
<td>1/8&quot; 14F11BB 1/4&quot; 14F15BB 1/4&quot; 14F13BB 1/4&quot; 14F17BB</td>
</tr>
</tbody>
</table>

ECONOMY

SERIES 05F

Pipe Ports 1/4" 3/8"
Flow SCFM 54 70
2 Ounce Bowl
40 Micron Element

TEMPERATURE & PRESSURE RATINGS
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F
- Automatic Pulse Drain: 10 to 250 PSIG at 125°F or less

SPECIFICATIONS
- Automatic Pulse Drain – Plastic: PS998P
- Body: Zinc
- Bowls:
  - Transparent Polycarbonate / Twist Drain PS932P
  - Metal (Zinc) with Sight Gauge / Twist Drain PS935P
- Filter Elements:
  - 40 Micron Standard – Plastic PS901P
  - 5 Micron Optional – Plastic PS902P
  - Adsorber Optional – Activated Charcoal PS931P
- Mounting Bracket Kit: PS943P

DIMENSIONS

<table>
<thead>
<tr>
<th>Poly Bowl / Metal Guard</th>
<th>Metal Bowl / Sight Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twist Drain</td>
<td>1/4&quot; 05F12AA 1/4&quot; 05F19AA 1/4&quot; 05F14AA 1/4&quot; 05F17AA</td>
</tr>
<tr>
<td>Automatic Pulse Drain</td>
<td>1/4&quot; 05F22AA 3/8&quot; 05F2PAA 3/8&quot; 05F24AA 3/8&quot; 05F27AA</td>
</tr>
</tbody>
</table>

1 SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.
### COMPACT

**SERIES 06F**

<table>
<thead>
<tr>
<th>Pipe Ports</th>
<th>Flow SCFM §</th>
<th>4.4 Ounce Bowl</th>
<th>40 Micron Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>53</td>
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<td></td>
</tr>
<tr>
<td>3/8&quot;</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>85</td>
<td></td>
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</tr>
</tbody>
</table>

**TEMPERATURE & PRESSURE RATINGS:**
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F
- Automatic Drain: 10 to 250 PSIG at 125°F or less

**SPECIFICATIONS:**
- KIT NUMBER
  - Automatic Float Drain: PS506P
  - Body: Zinc
  - Bowls:
    - Transparent Polycarbonate / Twist Drain: PS732P
    - Metal (Zinc) with Sight Gauge / Twist Drain: PS735P
  - Filter Elements:
    - Poly Bowl Standard - Plastic: PS701P
    - 5 Micron Optional - Plastic: PS702P
    - Adsorber Optional - Activated Charcoal: PS731P
  - Mounting Bracket Kit: PS743P

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>D †</th>
<th>E</th>
<th>E †</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.81</td>
<td>2.74</td>
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<td>5.74</td>
<td>6.22</td>
<td>6.27</td>
<td>2.25</td>
</tr>
</tbody>
</table>

† With Auto Drain

**STANDARD**

**SERIES 07F**

<table>
<thead>
<tr>
<th>Pipe Ports</th>
<th>Flow SCFM §</th>
<th>7.2 Ounce Bowl</th>
<th>40 Micron Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>100</td>
<td></td>
<td></td>
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<tr>
<td>1/2&quot;</td>
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<td></td>
<td></td>
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<tr>
<td>3/4&quot;</td>
<td>145</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TEMPERATURE & PRESSURE RATINGS:**
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F
- Automatic Drain: 10 to 250 PSIG at 125°F or less

**SPECIFICATIONS:**
- KIT NUMBER
  - Automatic Float Drain: PS506P
  - Body: Zinc
  - Bowls:
    - Transparent Polycarbonate / Twist Drain: PS832P
    - Metal (Zinc) with Sight Gauge / Twist Drain: PS835P
  - Filter Elements:
    - Poly Bowl Standard - Plastic: PS801P
    - 5 Micron Optional - Plastic: PS802P
    - Adsorber Optional - Activated Charcoal: PS831P
  - Mounting Bracket Kit: PS843P

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>D †</th>
<th>E</th>
<th>E †</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.24</td>
<td>3.25</td>
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<td>7.00</td>
<td>7.67</td>
<td>7.70</td>
<td>2.75</td>
</tr>
</tbody>
</table>

† With Auto Drain

**SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.**
HI-FLOW
SERIES P3NF

Pipe Ports:
3/4"  1"  1-1/2"
Flow SCFM:
270  300  310

18 Ounce Metal Bowl
40 Micron Element

DIMENSIONS
A  A (PB)  B  C  D †  E †  F
3.62  5.91  3.62  1.38  9.57  10.95  4.92
† With Twist Drain or Auto Drain

HI-FLOW
SERIES F602

Pipe Ports:
1"  1-1/4"  1-1/2"
Flow SCFM:
350  380  380

32 Ounce Bowl
40 Micron Element

DIMENSIONS
PF602-08
A  B  C  D  E  F
4.56  4.90  0.84  11.10  11.94  3.25

PF602-10 & PF602-12
A  B  C  D  E  F
5.19  4.90  1.28  11.41  12.69  3.25

† SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.
**MINIATURE**

**SERIES 10F**

Pipe Ports: 1/8" 1/4"
Flow SCFM: 17 20

**Poly Bowl**
- Twist Drain: 10F01ED
- Automatic Pulse Drain: 10F05ED

**Metal Bowl without Sight Gauge**
- Twist Drain: 10F03ED
- Automatic Pulse Drain: 10F07ED

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>E †</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.69</td>
<td>1.53</td>
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<td>4.21</td>
<td>4.26</td>
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</tbody>
</table>

† With Auto Drain

**ECONOMY**

**SERIES 15F**

Pipe Ports: 1/4" 3/8"
Flow SCFM: 30 30

**Poly Bowl / Metal Guard**
- Twist Drain: 15F12EA
- Automatic Pulse Drain: 15F1EA

**Metal Bowl / Sight Gauge**
- Twist Drain: 15F14EA
- Automatic Pulse Drain: 15F1TEA

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>D †</th>
<th>E</th>
<th>E †</th>
<th>F</th>
<th>G</th>
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<tbody>
<tr>
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<td>1.77</td>
<td>4.50</td>
<td></td>
</tr>
</tbody>
</table>

† With Twist Drain or Auto Pulse Drain

‡ For Grade 10 Element change the 6th space from an “E” to a “H”. Example: X XF01H.

§ SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.
### Compact Series 11F

**Poly Bowl / Metal Guard**
- Twist Drain: 1/4" 11F12EC
- Automatic Float Drain: 1/4" 11F16EC

**Metal Bowl / Sight Gauge**
- Twist Drain: 1/4" 11F14EC
- Automatic Float Drain: 1/4" 11F18EC

**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>C1</th>
<th>D</th>
<th>D†</th>
<th>E</th>
<th>E†</th>
<th>F</th>
<th>G</th>
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</thead>
<tbody>
<tr>
<td>2.81</td>
<td>2.74</td>
<td>1.46</td>
<td>1.91</td>
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<td>5.74</td>
<td>7.15</td>
<td>7.20</td>
<td>2.25</td>
<td>4.50</td>
</tr>
</tbody>
</table>

† With Auto Drain

---

### Standard Series 12F

**Poly Bowl / Metal Guard**
- Twist Drain: 3/8" 12F22EC
- Automatic Float Drain: 3/8" 12F26EC

**Metal Bowl / Sight Gauge**
- Twist Drain: 3/8" 12F24EC
- Automatic Float Drain: 3/8" 12F28EC

**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>C1</th>
<th>D</th>
<th>D†</th>
<th>E</th>
<th>E†</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.24</td>
<td>3.25</td>
<td>1.63</td>
<td>2.00</td>
<td>6.97</td>
<td>7.00</td>
<td>8.60</td>
<td>8.63</td>
<td>2.75</td>
<td>4.50</td>
</tr>
</tbody>
</table>

† With Auto Drain

---

**TEMPERATURE & PRESSURE RATINGS:**
- **Polycarbonate Bowl:** 0 to 150 PSIG, 32°F to 25°F
- **Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F
- **Automatic Float Drain:** 10 to 250 PSIG at 125°F or less
- **With Differential Pressure Indicator:** 0 to 150 PSIG, 32°F to 25°F

**SPECIFICATIONS:**
- **Body:** Zinc
- **Bowls:**
  - Transparent Polycarbonate/Twist Drain PS832P
  - Metal (Zinc) with Sight Gauge/Twist Drain PS835P
- **Filter Elements:**
  - Borosilicate & Felt Glass Fibers
    - Grade 6 Standard PS824P
    - Grade 10 Optional PS830P
- **Mounting Bracket Kit:** PS843P

**TEMPERATURE & PRESSURE RATINGS:**
- **Polycarbonate Bowl:** 0 to 150 PSIG, 32°F to 25°F
- **Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F
- **Automatic Float Drain:** 10 to 250 PSIG at 125°F or less
- **With Differential Pressure Indicator:** 0 to 150 PSIG, 32°F to 25°F

**SPECIFICATIONS:**
- **Body:** Zinc
- **Bowls:**
  - Transparent Polycarbonate/Twist Drain PS732P
  - Metal (Zinc) with Sight Gauge/Twist Drain PS735P
- **Filter Elements:**
  - Borosilicate & Felt Glass Fibers
    - Grade 6 Standard PS724P
    - Grade 10 Optional PS730P
- **Mounting Bracket Kit:** PS743P

**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>C1</th>
<th>D</th>
<th>D†</th>
<th>E</th>
<th>E†</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.24</td>
<td>3.25</td>
<td>1.63</td>
<td>2.00</td>
<td>6.97</td>
<td>7.00</td>
<td>8.60</td>
<td>8.63</td>
<td>2.75</td>
<td>4.50</td>
</tr>
</tbody>
</table>

† With Auto Drain

---

**For Grade 10 Element change the 6th space from an “E” to a “H”. Example: XXF01H.**

**SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.**
HI-FLOW

SERIES P3NF

TEMPERATURE & PRESSURE RATINGS:
- **Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F
- **With Differential Pressure Indicator:** 0 to 150 PSIG, 32°F to 125°F

**Operation:**
**Minimum Operating Pressure**
for Filter with Automatic Drain: 10 PSIG

**SPECIFICATIONS:**
- **KIT NUMBER**
  - **Body:** Aluminum
  - **Bowls:**
    - Metal (Aluminum) w/ Sight Gauge / Twist Drain: P3NKA00BSM
  - **Filter Elements:**
    - Borosilicate & Felt Glass Fibers
      - Grade 6 Standard: P3NKA00ESC
      - Grade 10 Optional: P3NKA00ES9
  - **Mounting Bracket Kit:** P3NKA00MW

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>A (PB)</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.62</td>
<td>5.91</td>
<td>3.62</td>
<td>2.30</td>
<td>9.57</td>
<td>11.90</td>
<td>4.92</td>
</tr>
</tbody>
</table>

*With Twist Drain or Auto Drain

**MAIN LINE**

SERIES 30F - 31F - 32F

**TEMPERATURE & PRESSURE RATINGS:**
- **Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F
- **With Differential Pressure Indicator:** 0 to 150 PSIG, 32°F to 125°F

**SPECIFICATIONS:**
- **KIT NUMBER**
  - **Body:** Aluminum
  - **Bowls Kits – Metal (Aluminum) without Sight Gauge / Twist Drain**:
    - 30F: 468P
    - 31F83: 469P
    - 31F8L: 4620P
    - 32F: 462P
  - **Filter Elements:**
    - Borosilicate & Felt Glass Fibers
      - Grade 6 Standard: 9920-0XP
      - Grade 10 Optional: 9920-02XP
      - 31F8L: 9920-03XP
      - 32F: 9920-04XP

**DIMENSIONS**

<table>
<thead>
<tr>
<th>30F</th>
<th>31F83</th>
<th>31F8L</th>
<th>32F</th>
<th>32FN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Size: 1-1/2&quot;</td>
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<td>Port Size: 2&quot;</td>
<td>Port Size: 2-1/2&quot;</td>
<td>Port Size: 3&quot;</td>
</tr>
<tr>
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<td>5.67</td>
<td>6.00</td>
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<td>23.60</td>
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<tr>
<td>E</td>
<td>F</td>
<td>E</td>
<td>F</td>
<td>E</td>
</tr>
<tr>
<td>20.52</td>
<td>13.50</td>
<td>26.15</td>
<td>19.25</td>
<td>31.15</td>
</tr>
</tbody>
</table>

*With Twist Drain or Auto Drain

- **SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.**
MINIATURE
SERIES 14R

![Image of 14R regulator]

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

Pipe Ports
- 1/8" Without Gauge
- 1/4" With Gauge
Flow SCFM ³
- 13
- 15
Non-Rising Knob / Relieving Type
2-125 PSI Range

<table>
<thead>
<tr>
<th>Without Gauge</th>
<th>With Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>14R013FC</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>14R113FC</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.65</td>
<td>1.56</td>
<td>2.50</td>
<td>0.38</td>
<td>2.88</td>
</tr>
</tbody>
</table>

**NOTE:** 1.218 Dia. hole required for panel mounting.

**SPECIFICATIONS:**
- **Body:** Zinc
- **Spring:** Steel 2-125 PSI Range
- **Mounting Bracket Kit:** (Plastic Panel Mount Nut included) P01173
- **Panel Mount Nut:**
  - Aluminum: P01531
  - Plastic: P78652
- **Relieving Service Kit:** PS423P

**TEMPERATURE & PRESSURE RATINGS:**
- **Maximum Primary Pressure:** 0 to 300 PSIG, 32°F to 125°F
- **Secondary Pressure Ranges:**
  - Standard Pressure: 2 to 125 PSIG
  - Medium Pressure: 1 to 60 PSIG
  - Low Pressure: 1 to 15 PSIG

**MINIATURE (WATER SERVICE)**
SERIES 20R

![Image of 20R regulator]

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

Pipe Ports
- 1/8" Without Gauge
- 1/4" With Gauge
Flow SCFM ³
- 13
- 15
Non-Rising Adjusting Knob / Relieving Type
2-125 PSI Range

<table>
<thead>
<tr>
<th>Without Gauge</th>
<th>With Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>20R013GC</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>20R113GC</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.56</td>
<td>1.56</td>
<td>2.56</td>
<td>0.50</td>
<td>3.06</td>
</tr>
</tbody>
</table>

**NOTE:** 1.25 Dia. hole required for panel mounting.

**SPECIFICATIONS:**
- **Body:** Brass
- **Bonnet:** Plastic
- **Spring:** Stainless Steel
- **Mounting Bracket Kit:** (Plastic Panel Mount Nut included) SA161X57
- **Panel Mount Nut:**
  - Plastic: PR06X51
- **Relieving Service Kit:** PRKR164Y

**TEMPERATURE & PRESSURE RATINGS:**
- **Maximum Primary Pressure:** 0 to 300 PSIG, 32°F to 125°F
- **Secondary Pressure Ranges:**
  - Standard Pressure: 2 to 125 PSIG
  - Medium Pressure: 1 to 60 PSIG
  - Low Pressure: 1 to 15 PSIG

**CAUTION:**
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures over 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.

³ SCFM = Standard cubic feet per minute at 100 PSIG inlet, 90 PSIG no flow secondary setting and 10 PSIG pressure drop.
**ECONOMY**

**SERIES 05R**

**SPECIFICATIONS:**

- **Body:** Zinc
- **Bonnet:** Plastic
- **Spring – Poppet & Control:** Steel 2-125 PSIG
- **Mounting Bracket Kit:** (Aluminum Panel Mount Nut Included) PS963P
- **Panel Mount Nut:** Aluminum PS964P
- **Control Knob:** Plastic P04420
- **Relieving Service Kit** PS908P

**TEMPERATURE & PRESSURE RATINGS:**

- **Maximum Primary Pressure:** 250 PSIG, 32°F to 175°F
- **Secondary Pressure Range:** 2-125 PSIG

<table>
<thead>
<tr>
<th>Pipe Ports</th>
<th>1/4&quot;</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Flow SCFM (^5)</td>
<td>30</td>
<td>40</td>
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</tbody>
</table>

**Non-Rising Knob / Relieving Type**

- **2-125 PSIG Range**

<table>
<thead>
<tr>
<th>Without Gauge</th>
<th>With Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>05R113AD</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>05R213AD</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
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<td>1.28</td>
<td>4.44</td>
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</tbody>
</table>

**NOTE:** 1.53 Dia. hole required for panel mounting. Maximum panel thickness 1/4".

---

**COMPACT**

**SERIES 06R**

**SPECIFICATIONS:**

- **Body:** Zinc
- **Bonnet:** Plastic
- **Spring – Poppet & Control:** Steel 2-125 PSIG
- **Mounting Bracket Kit:** (Plastic Panel Mount Nut Included) PS707P
- **Panel Mount Nut:** Aluminum P04079B
- **Control Knob:** Plastic P04420
- **Relieving Service Kit** PS908P

**TEMPERATURE & PRESSURE RATINGS:**

- **Maximum Primary Pressure:** 250 PSIG, 32°F to 175°F
- **Secondary Pressure Range:** 2-125 PSIG

<table>
<thead>
<tr>
<th>Pipe Ports</th>
<th>1/4&quot;</th>
<th>3/8&quot;</th>
<th>1/2&quot;</th>
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<tbody>
<tr>
<td>Flow SCFM (^5)</td>
<td>53</td>
<td>60</td>
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**Non-Rising Knob / Relieving Type**

- **2-125 PSIG Range**

<table>
<thead>
<tr>
<th>Without Gauge</th>
<th>With Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>06R113AC</td>
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<td>3/8&quot;</td>
<td>06R213AC</td>
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<td>1/2&quot;</td>
<td>06R313AC</td>
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**DIMENSIONS**

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<tr>
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<th>B</th>
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<tbody>
<tr>
<td>2.81</td>
<td>2.74</td>
<td>4.69</td>
<td>1.39</td>
<td>6.08</td>
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</tbody>
</table>

**NOTE:** 2.00Dia. hole required for panel mounting. Maximum panel thickness 1/4".

---

\(^5\) SCFM = Standard cubic feet per minute at 100 PSIG inlet, 90 PSIG no flow secondary setting and 10 PSIG pressure drop.
STANDARD

SERIES 07R

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

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>A</th>
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<th>D</th>
<th>E</th>
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<tbody>
<tr>
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**TEMPERATURE & PRESSURE RATINGS:**

Maximum Primary Pressure: 250 PSIG, 32°F to 175°F
Secondary Pressure Ranges:
- Standard Pressure: 2 to 125 PSIG
- Medium Pressure: 1 to 60 PSIG
- Medium Pressure: 1 to 30 PSIG
- Low Pressure: 1 to 15 PSIG

**SPECIFICATIONS:**

- Body: Zinc
- Bonnet: Plastic
- Spring – Poppet & Control: Steel 2-125 PSIG
- Mounting Bracket Kit: (Plastic Panel Mount Nut Included) PS807P
- Panel Mount Nut:
  - Aluminum: P04079B
  - Plastic: P04082
- Control Knob:
  - Plastic: P04069B
- Relieving Service Kit: PS808P

**PIPE PORTS:**

- 3/8”
- 1/2”
- 3/4”

**FLOW SCFM:**

- Without Gauge: 70
- With Gauge: 90

**SPECIFICATIONS:**

- Body: Aluminum
- Bonnet: Aluminum
- Spring: Steel 2-125 PSIG Range
- Mounting Bracket Kit: P3NKA00MW
- Relieving Service Kit: P3NKA00RR

**DIMENSIONS**

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<th>B</th>
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<th>E</th>
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<tr>
<td>Without Gauge</td>
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<td>5.91</td>
<td>3.62</td>
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<tr>
<td>With Gauge</td>
<td>P3NRA96BNN</td>
<td>P3NRA96BNG</td>
<td>P3NRA96BNN</td>
<td>P3NRA96BNG</td>
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**WARNING**
Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.

**HI-FLOW**

SERIES P3NR

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

**DIMENSIONS**

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</tr>
<tr>
<td>With Gauge</td>
<td>P3NRA96BNN</td>
<td>P3NRA96BNG</td>
<td>P3NRA96BNN</td>
<td>P3NRA96BNG</td>
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</table>

**TEMPERATURE & PRESSURE RATINGS:**

Maximum Primary Pressure: 250 PSIG, 32°F to 175°F
Secondary Pressure Range: 2-125 PSIG

**SPECIFICATIONS:**

- Body: Aluminum
- Bonnet: Aluminum
- Spring: Steel 2-125 PSIG Range
- Mounting Bracket Kit: P3NKA00MW
- Relieving Service Kit: P3NKA00RR

- Without Gauge: 3/4”
- With Gauge: 1”

**FLOW SCFM:**

- Without Gauge: 200
- With Gauge: 300

**SPECIFICATIONS:**

- Body: Zinc
- Bonnet: Plastic
- Spring – Poppet & Control: Steel 2-125 PSIG
- Mounting Bracket Kit: (Plastic Panel Mount Nut Included) PS715P
- Panel Mount Nut:
  - Aluminum: P04079B
  - Plastic: P04082
- Control Knob:
  - Plastic: P04069B
- Relieving Service Kit: PS808P

**NOTE:** 2.00 Dia. hole required for panel mounting. Maximum panel thickness 1/4”.

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9-9 Parker Hannifin Corporation

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9 SCFM = Standard cubic feet per minute at 100 PSIG inlet, 90 PSIG no flow secondary setting and 10 PSIG pressure drop.
HI-FLOW
SERIES 09R

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

TEMPERATURE & PRESSURE RATINGS:
Maximum Primary Pressure: 250 PSIG, 32°F to 150°F
Secondary Pressure Range: 10-125 PSIG

SPECIFICATIONS:
Body: Zinc Alloy, Die Cast
Bonnet: Aluminum
Spring: Steel 2-125 PSIG Range
Mounting Bracket Kit: PS602P PS605P

KIT NUMBER

Pipe Ports 2"
Flow SCFM 1 1000
Knob / Relieving
Gauge Must Be Ordered Separately

Without Gauge

<table>
<thead>
<tr>
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<th>D</th>
<th>E</th>
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1 SCFM = Standard cubic feet per minute at 100 PSIG inlet, 90 PSIG no flow secondary setting and 10 PSIG pressure drop.
MINIATURE
SERIES 14E

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

Pipe Ports
Flow SCFM 5
1/8" 1/4"
1 16 18
1 Ounce Bowl
5 Micron Element
Relieving Type
Locking Knob
2-125 PSIG Range

TEMPERATURE & PRESSURE RATINGS:
Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
Metal Bowl: 0 to 250 PSIG, 32°F to 125°F
Secondary Pressure Ranges:
Standard Pressure: 2 to 125 PSIG
Medium Pressure: 1 to 60 PSIG
Medium Pressure: 1 to 30 PSIG
Low Pressure: 1 to 15 PSIG

SPECIFICATIONS:
Filter / Regulator Body: KIT NUMBER
Bowls: Transparent Polycarbonate / Twist Drain PS404P
Metal (Zinc) without Sight Gauge / Twist Drain PS447BP
Filter Elements:
- 40 Micron Optional – Plastic PS401P
- 5 Micron Standard – Plastic PS403P
- Adsorber Optional – Activated Charcoal PS452P
Mounting Bracket Kit:
(Plastic Panel Mount Nut Included) PS417BP

DIMENSIONS
A B C D D † E † F
1.62 1.58 2.42 3.79 3.84 6.21 6.06 1.60
† With Auto Drain

ECONOMY
SERIES 05E

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

Pipe Ports
Flow SCFM 5
1/4" 3/8"
1 30 40
2 Ounce Bowl
40 Micron Element
Relieving Type
2-125 PSIG Range

TEMPERATURE & PRESSURE RATINGS:
Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
Metal Bowl: 0 to 250 PSIG, 32°F to 125°F
Secondary Pressure Range:
2-125 PSIG

SPECIFICATIONS:
Filter / Regulator Body: KIT NUMBER
Bowls:
- Transparent Polycarbonate / Twist Drain PS932P
- Metal (Zinc) with Sight Gauge / Twist Drain PS935P
Filter Elements:
- 40 Micron Standard – Plastic PS901P
- 5 Micron Optional – Plastic PS902P
- Adsorber Optional – Activated Charcoal PS931P
Mounting Bracket Kit:
(Aluminum Panel Mount Nut Included) PS963P
Control Knob: Plastic P04420
Relieving Service Kit PS908P

DIMENSIONS
A B C D † E † F
2.00 2.06 3.16 5.35 8.51 1.77
† With Twist or Auto Pulse Drain

NOTE: 1.218 Dia. hole required for panel mounting.

Poly Bowl / Metal Guard
Metal Bowl / Sight Gauge

Flow SCFM 5
1/8" 3/8"
1 05E12A13AB 05E22A13AB
1/4" 05E1PA13AB 05E2PA13AB
3/8" 05E14A13AB 05E24A13AB

5 SCFM = Standard cubic feet per minute at 100 PSIG inlet, 90 PSIG no flow secondary setting and 10 PSIG pressure drop.
COMPACT

SERIES 06E

**WARNING**

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

| Pipe Ports | 1/4" | 3/8" | 1/2" |
| Flow SCFM | 48 | 55 | 61 |
| 4.4 Ounce Bowl | | | |
| 40 Micron Element | | | |
| Relieving Type | | | 2-125 PSIG Range |

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D †</th>
<th>E</th>
<th>E †</th>
<th>F</th>
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<tbody>
<tr>
<td>2.81</td>
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<td>4.69</td>
<td>5.69</td>
<td>5.74</td>
<td>10.38</td>
<td>10.43</td>
</tr>
</tbody>
</table>

† With Auto Drain

**NOTE:** 2.00 Dia. hole required for panel mounting.

**TEMPERATURE & PRESSURE RATINGS:**

**Polycarbonate Bowl:** 0 to 150 PSIG, 32°F to 125°F

**Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F

**Automatic Drain:** Optional (Interchangeable Field Conversions)

**Secondary Pressure Ranges:**

- **Standard Pressure:** 2 to 125 PSIG
- **Low Pressure:** 1 to 60 PSIG
- **High Pressure:** 2 to 250 PSIG

**SPECIFICATIONS:**

**KIT NUMBER**

Filter / Regulator Body: Zinc

Bowls:

- Transparent Polycarbonate / Twist Drain
- Metal (Zinc) with Sight Gauge / Twist Drain

Filter Elements:

- 40 Micron Standard – Plastic
- 5 Micron Optional – Plastic
- Adsorber Optional – Activated Charcoal

Mounting Bracket Kit:

- (Plastic Panel Mount Nut Included)

Control Knob: Plastic

Relieving Service Kit

**STANDARD**

SERIES 07E

**WARNING**

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

| Pipe Ports | 3/8" | 1/2" | 3/4" |
| Flow SCFM | 70 | 90 | 90 |
| 7.2 Ounce Bowl | | | |
| 40 Micron Element | | | |
| Relieving Type | | | 2-125 PSIG Range |

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D †</th>
<th>E</th>
<th>E †</th>
<th>F</th>
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<tbody>
<tr>
<td>3.24</td>
<td>3.25</td>
<td>4.79</td>
<td>6.97</td>
<td>7.00</td>
<td>11.76</td>
<td>11.79</td>
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</tbody>
</table>

† With Auto Drain

**NOTE:** 2.00 Dia. hole required for panel mounting.

**TEMPERATURE & PRESSURE RATINGS:**

- **Same as above for 06E**

**SPECIFICATIONS:**

**KIT NUMBER**

Filter / Regulator Body: Zinc

Bowls:

- Transparent Polycarbonate / Twist Drain
- Metal (Zinc) with Sight Gauge / Twist Drain

Filter Elements:

- 40 Micron Standard – Plastic
- 5 Micron Optional – Plastic
- Adsorber Optional – Activated Charcoal

Mounting Bracket Kit:

- (Plastic Panel Mount Nut Included)

Control Knob: Plastic

Relieving Service Kit

**SCFM =** Standard cubic feet per minute at 100 PSIG inlet, 90 PSIG no flow secondary setting and 10 PSIG pressure drop.
HI-FLOW
SERIES P3NE

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

Pipe Ports 3/4" 1"
Flow SCFM 250 250
18 Ounce Bowl
40 Micron Element
Relieving Type
2-125 PSI Range

Metal Bowl with Sight Gauge
Twist Drain P3NEA96GSMBNN
Automatic Float Drain P3NEA96GSABNN
3/4" P3NEA96GSMBNN
1" P3NEA98GSMBNN

TEMPERATURE & PRESSURE RATINGS:
Metal Bowl: 0 to 250 PSI, 32°F to 175°F
Automatic Drain: 10-250 PSI
Operating Range

SPECIFICATIONS:
Kit Number
Filter / Regulator Body: Aluminum
Bowls:
Metal (Aluminum) with Sight Gauge / Twist Drain P3NKA00BSM
Filter Elements:
40 Micron Standard – Plastic P3NKA00ESG
5 Micron Optional – Plastic P3NKA00ESE
Adsorber Optional – Activated Charcoal P3NKA00ESA
Mounting Bracket Kit: P3NKA00MW
Control Knob: Plastic P3NKA00PN
Relieving Service Kit P3NKA00RR

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>A (PB)</th>
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<td></td>
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</tbody>
</table>

*With Twist or Auto Float Drain

CAUTION:
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures over 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.

CAUTION:
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures over 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.

SCFM = Standard cubic feet per minute at 100 PSI inlet no flow secondary setting and 10 PSI pressure drop.
ECONOMY

SERIES 15L

<table>
<thead>
<tr>
<th>Polycarbonate Bowl</th>
<th>Metal Bowl / Sight Gauge</th>
<th>Body</th>
<th>Bowls</th>
<th>Sight Dome</th>
<th>Mounting Bracket Kit</th>
<th>Pressure Fill Adapter Kit</th>
<th>Service Kit</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transparent Polycarbonate without Drain</td>
<td>Transparent Polycarbonate with Sight Gauge / Twist Drain</td>
<td>Zinc</td>
<td>Zinc</td>
<td>Polycarbonate</td>
<td>PS943P</td>
<td>PS96P</td>
<td>PS948P</td>
<td>KIT NUMBER</td>
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<tr>
<td>Metal (Zinc) with Sight Gauge / Twist Drain</td>
<td>Metal (Zinc) with Sight Gauge / Twist Drain</td>
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<td></td>
</tr>
</tbody>
</table>

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 40

Distance Required To Remove Pressure Fill Adapter

Distance Required To Remove All Bowls Regardless Of Drain Option

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Temperature & Pressure Ratings:
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F

Suggested Lubricant: F442 Oil

Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

(Do not use oils with additives, compounded oils containing solvents, graphite, detergents, or synthetic oils.)

Lubricator Oil:
- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

Suggested Lubricant:
- Lubricator Oil: 2 Quart Case F442003
- 4 Gallon Case F442005
- 55 Gallon Drum H06620

ECONOMY

SERIES 15L

<table>
<thead>
<tr>
<th>Poly Bowl / Metal Guard</th>
<th>Metal Bowl / Sight Gauge</th>
<th>Body</th>
<th>Bowls</th>
<th>Sight Dome</th>
<th>Mounting Bracket Kit</th>
<th>Pressure Fill Adapter Kit</th>
<th>Service Kit</th>
<th>Specifications</th>
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<tbody>
<tr>
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<td>Twist Drain</td>
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</table>

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 40

Distance Required To Remove Pressure Fill Adapter

Distance Required To Remove All Bowls Regardless Of Drain Option

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Temperature & Pressure Ratings:
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F

Suggested Lubricant: F442 Oil

Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

(Do not use oils with additives, compounded oils containing solvents, graphite, detergents, or synthetic oils.)

Lubricator Oil:
- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

Suggested Lubricant:
- Lubricator Oil: 2 Quart Case F442003
- 4 Gallon Case F442005
- 55 Gallon Drum H06620

COMPACT

SERIES 16L

<table>
<thead>
<tr>
<th>Poly Bowl / Metal Guard</th>
<th>Metal Bowl / Sight Gauge</th>
<th>Body</th>
<th>Bowls</th>
<th>Sight Dome</th>
<th>Mounting Bracket Kit</th>
<th>Pressure Fill Adapter Kit</th>
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Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Distance Required To Remove Pressure Fill Adapter

Distance Required To Remove All Bowls Regardless Of Drain Option

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Temperature & Pressure Ratings:
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F

Suggested Lubricant: F442 Oil

Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

(Do not use oils with additives, compounded oils containing solvents, graphite, detergents, or synthetic oils.)

Lubricator Oil:
- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

Suggested Lubricant:
- Lubricator Oil: 2 Quart Case F442003
- 4 Gallon Case F442005
- 55 Gallon Drum H06620

COMPACT

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<td>1/2&quot; 16L34BE</td>
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<td></td>
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</table>

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Distance Required To Remove Pressure Fill Adapter

Distance Required To Remove All Bowls Regardless Of Drain Option

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Temperature & Pressure Ratings:
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F

Suggested Lubricant: F442 Oil

Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

(Do not use oils with additives, compounded oils containing solvents, graphite, detergents, or synthetic oils.)

Lubricator Oil:
- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

Suggested Lubricant:
- Lubricator Oil: 2 Quart Case F442003
- 4 Gallon Case F442005
- 55 Gallon Drum H06620

COMPACT

SERIES 16L

<table>
<thead>
<tr>
<th>Poly Bowl / Metal Guard</th>
<th>Metal Bowl / Sight Gauge</th>
<th>Body</th>
<th>Bowls</th>
<th>Sight Dome</th>
<th>Mounting Bracket Kit</th>
<th>Pressure Fill Adapter Kit</th>
<th>Service Kit</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
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Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Distance Required To Remove Pressure Fill Adapter

Distance Required To Remove All Bowls Regardless Of Drain Option

Pipe Ports: 1/4" 3/8" 1/2"

Flow SCFM: 40 60 90

Temperature & Pressure Ratings:
- Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
- Metal Bowl: 0 to 250 PSIG, 32°F to 175°F

Suggested Lubricant: F442 Oil

Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

(Do not use oils with additives, compounded oils containing solvents, graphite, detergents, or synthetic oils.)

Lubricator Oil:
- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

Suggested Lubricant:
- Lubricator Oil: 2 Quart Case F442003
- 4 Gallon Case F442005
- 55 Gallon Drum H06620

9-14 Parker Hannifin Corporation
## Micro-Mist Air Line Lubricators

### Series 17L

#### Standard

<table>
<thead>
<tr>
<th>Poly Bowl / Metal Guard</th>
<th>Metal Bowl / Sight Gauge</th>
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</thead>
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<thead>
<tr>
<th>4.9 Ounce Bowl</th>
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### Dimensions

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<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>D†</th>
<th>E</th>
<th>E†</th>
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</thead>
<tbody>
<tr>
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<td>3.25</td>
<td>2.41</td>
<td>6.86</td>
<td>6.95</td>
<td>9.09</td>
<td>9.35</td>
<td>2.75</td>
</tr>
</tbody>
</table>

† With Twist Drain

### Temperature & Pressure Ratings:

- **Polycarbonate Bowl**: 0 to 150 PSIG, 32°F to 125°F
- **Metal Bowl**: 0 to 250 PSIG, 32°F to 175°F

### Suggested Lubricant:

Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

(Do not use oils with additives, compounded oils containing solvents, graphite, detergents, or synthetic oils.)

### Lubricator Oil

- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

### Specifications:

- **Kit Number**
  - Body: Zinc
  - Bowls: Transparent Polycarbonate without Drain PS846P, Metal (Zinc) with Sight Gauge / Twist Drain PS829P
  - Sight Dome: Polycarbonate PS740P
  - Mounting Bracket Kit: PS843P
  - Pressure Fill Adapter Kit: PS718P
  - Service Kit: PS748P

### Flow SCFM

<table>
<thead>
<tr>
<th>Pipe Ports</th>
<th>3/8&quot;</th>
<th>1/2&quot;</th>
<th>3/4&quot;</th>
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</thead>
<tbody>
<tr>
<td>Flow SCFM</td>
<td>60</td>
<td>90</td>
<td>90</td>
</tr>
</tbody>
</table>

† SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.
MINIATURE
SERIES 02L

Port Size | Part No. | A | B | C | D | E
---|---|---|---|---|---|---
1/4" | 02L1A | 2.66 | 2.16 | 1.92 | 1.25 | 1.42
3/8" | 02L2A | 2.66 | 2.16 | 1.92 | 1.25 | 1.42
1/4" | 02LFB | 2.65 | 1.305 | 1.125 | .65 |
1/4" | 02L1B | 2.93 | 1.305 | 1.125 | .65 |
3/8" | 02L2B | 3.19 | 1.305 | 1.125 | .65 |

MINIATURE
SERIES 04L

Pipe Ports | Flow SCFM | 1 Ounce Bowl
---|---|---
1/8" | 20 |
1/4" | 20 |

Poly Bowl | Metal Bowl without Sight Gauge
---|---
No Drain | Twist Drain
1/8" | 04L00GB | 1/8" | 04L03GB
1/4" | 04L10GB | 1/4" | 04L13GB

TEMPERATURE & PRESSURE RATINGS:

Polycarbonate Bowl: 0 to 150 PSIG, 32°F to 125°F
Metal Bowl: 0 to 250 PSIG, 32°F to 175°F

Suggested Lubricant:
F442 Oil
Petroleum based oil of 100 to 200 SSU viscosity at 100°F and
an aniline point greater than 200°F.
(Do not use oils with additives, compounded oils
containing solvents, graphite, detergents, or
synthetic oils.)

Lubricator Oil
12 Quart Case | F442003
4 Gallon Case | F442005
55 Gallon Drum | H06620

SPECIFICATIONS:

Body: Hard Anodized Aluminum
Insert: Nylon
Nut: Cad. Plated Steel
Seals: Nitrile
# Catalog PH001/NA

## Filter Regulators & Lubricators

### Mist Air Line Lubricators

#### Series 06L - 07L

**COMPACT**

**SERIES 06L**

**Pipe Ports**

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<thead>
<tr>
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<tr>
<td>3/8&quot;</td>
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</tr>
<tr>
<td>1/2&quot;</td>
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<td>1/2&quot;</td>
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**Flow SCFM**

- 40
- 60
- 90
- 2.9 Ounce Bowl

**Poly Bowl / Metal Guard**

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<tr>
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</table>

**Metal Bowl / Sight Gauge**

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</thead>
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<td>3/8&quot;</td>
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<tr>
<td>1/2&quot;</td>
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</table>

**TEMPERATURE & PRESSURE RATINGS:**

- **Polycarbonate Bowl:** 0 to 150 PSIG, 32°F to 125°F
- **Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F

**Suggested Lubricant:**

- Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

**Lubricator Oil**

- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

**SPECIFICATIONS:**

- **KIT NUMBER**
- Body: Zinc
- Bowls: Transparent Polycarbonate without Drain PS746P
- Metal (Zinc) with Sight Gauge / Twist Drain PS729P
- Sight Dome: Polycarbonate PS740P
- Mounting Bracket Kit: PS743P
- Pressure Fill Adapter Kit: PS716P
- Service Kit: PS718P

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>D †</th>
<th>E</th>
<th>E †</th>
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† With Twist Drain

---

**STANDARD**

**SERIES 07L**

**Pipe Ports**

<table>
<thead>
<tr>
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<tr>
<td>1/2&quot;</td>
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</tr>
<tr>
<td>3/4&quot;</td>
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<td>3/4&quot;</td>
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**Flow SCFM**

- 60
- 90
- 90
- 6 Ounce Bowl

**Poly Bowl / Metal Guard**

<table>
<thead>
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<th>No Drain</th>
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<tr>
<td>3/8&quot;</td>
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<tr>
<td>3/4&quot;</td>
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</table>

**Metal Bowl / Sight Gauge**

<table>
<thead>
<tr>
<th>No Drain</th>
<th>Twist Drain</th>
</tr>
</thead>
<tbody>
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<td>1/2&quot;</td>
<td>07L22BE</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>07L32BE</td>
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</table>

**TEMPERATURE & PRESSURE RATINGS:**

- **Polycarbonate Bowl:** 0 to 150 PSIG, 32°F to 125°F
- **Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F

**Suggested Lubricant:**

- Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.

**Lubricator Oil**

- 12 Quart Case: F442003
- 4 Gallon Case: F442005
- 55 Gallon Drum: H06620

**SPECIFICATIONS:**

- **KIT NUMBER**
- Body: Zinc
- Bowls: Transparent Polycarbonate without Drain PS846P
- Metal (Zinc) with Sight Gauge / Twist Drain PS829P
- Sight Dome: Polycarbonate PS740P
- Mounting Bracket Kit: PS843P
- Pressure Fill Adapter Kit: PS716P
- Service Kit: PS718P

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>D †</th>
<th>E</th>
<th>E †</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.24</td>
<td>2.25</td>
<td>2.41</td>
<td>6.86</td>
<td>6.95</td>
<td>9.09</td>
<td>9.35</td>
<td>2.75</td>
</tr>
</tbody>
</table>

† With Twist Drain

---

*SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.*
HI-FLOW
SERIES P3NL

**TEMPERATURE & PRESSURE RATINGS:**
- **Metal Bowl:** 0 to 250 PSIG, 32°F to 175°F
- **Suggested Lubricant:** F442 Oil
- **Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.**
- **(DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)**
- **Lubricator Oil:**
  - 12 Quart Case: F442003
  - 4 Gallon Case: F442005
  - 55 Gallon Drum: H06620

**SPECIFICATIONS:**
- **KIT NUMBER**
- **Body:** Aluminum
- **Bowls:**
  - Metal (Aluminum) with Sight Gauge / Twist Drain: P3NKA00BSM
- **Sight Dome:** Polycarbonate: PS740P
- **Mounting Bracket Kit:** P3NKA00MW
- **Pressure Fill Adapter Kit:** P3NKA00PK
- **Service Kit:** P3NKA00RL

**DIMENSIONS**

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<tr>
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<th>A (PB)</th>
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<td>4.92</td>
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</table>

† With Twist Drain

---

HI-FLOW
SERIES L606

**TEMPERATURE & PRESSURE RATINGS:**
- **32 Oz. Bowl:** 0 to 300 PSIG, 32°F to 180°F
- **Suggested Lubricant:** F442 Oil
- **Petroleum based oil of 100 to 200 SSU viscosity at 100°F and an aniline point greater than 200°F.**
- **(DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)**
- **Lubricator Oil:**
  - 12 Quart Case: F442003
  - 4 Gallon Case: F442005
  - 55 Gallon Drum: H06620

**SPECIFICATIONS:**
- **KIT NUMBER**
- **Body:** Zinc
- **Bowls:** Aluminum – 32 Ounce: BK609WB
- **Mounting Bracket Kit:**
  - 1" Ported Body Only: SA200CW57

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Port Size</th>
<th>A</th>
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<th>C</th>
<th>D</th>
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<td>7.75</td>
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</table>

§ SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.
HI-FLOW
SERIES L606

Pipe Ports
Flow SCFM ¹
64 Ounce Bowl

<table>
<thead>
<tr>
<th>Port Size</th>
<th>L606-08G</th>
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<td>1-1/2&quot;</td>
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</table>

TEMPERATURE & PRESSURE RATINGS:
64 Ounce Bowl:
0 to 150 PSIG, 32°F to 120°F

Suggested Lubricant:
F442 Oil

PETROLEUM BASED OIL OF 100 TO 200 SSU VISCOSITY AT 100°F AND AN ANILINE POINT GREATER THAN 200°F.

DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.

Lubricator Oil
12 Quart Case
4 Gallon Case
55 Gallon Drum
F442003
F442005
H06620

SPECIFICATIONS:
Body:
Zinc

Bowl:
Aluminum – 64 Ounce
PBK606X30B

Mounting Bracket Kit:
1" Ported Body Only
SA200CW57

DIMENSIONS
Port Size
A    B    C    D    E    F
1"   4.06 4.97 2.63 9.40 12.02 2.50
1-1/4" 1-1/2" 4.81 5.00 2.84 9.78 12.80 2.50

HI-FLOW
SERIES 09L

Pipe Ports
Flow SCFM ¹
1 Quart Size 3 Quart Size

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<td></td>
<td></td>
<td>1 Qt. Bowl</td>
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<tr>
<td>3 Quart</td>
<td>09LB8PBA</td>
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<td></td>
<td></td>
<td>3 Qt. Bowl</td>
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</table>

TEMPERATURE & PRESSURE RATINGS:
Metal Bowl:
0 to 150 PSIG, 32°F to 150°F

Suggested Lubricant:
F442 Oil

PETROLEUM BASED OIL OF 100 TO 200 SSU VISCOSITY AT 100°F AND AN ANILINE POINT GREATER THAN 200°F.

DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.

Lubricator Oil
12 Quart Case
4 Gallon Case
55 Gallon Drum
F442003
F442005
H06620

SPECIFICATIONS:
Body:
Zinc Alloy, Die Cast

Bowl:
Metal (Aluminum) with
Sight Gauge / Twist Drain
PS612P*

Sight Dome:
Polycarbonate
PS613P

¹ 1 Quart Bowl

DIMENSIONS
1 Quart Size 3 Quart Size

<table>
<thead>
<tr>
<th>Port Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<tbody>
<tr>
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<td>5.50</td>
<td>9.44</td>
<td>2.64</td>
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</table>

¹ SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.
### CLOSE NIPPLED COMBINATIONS

#### 2-UNIT

![Diagram of 2-Unit Close Nippled Combinations](image)

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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Mounting Brackets and Gauge Not Included

#### 3-UNIT

![Diagram of 3-Unit Close Nippled Combinations](image)

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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</thead>
<tbody>
<tr>
<td>14A</td>
<td>5.77</td>
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<td>2.16</td>
<td>2.04</td>
<td>5.98</td>
<td>0.79</td>
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<tr>
<td>05A / 15A</td>
<td>7.00</td>
<td>5.36</td>
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<td>7.59</td>
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</tr>
<tr>
<td>06A / 16A</td>
<td>9.45</td>
<td>5.69</td>
<td>2.24</td>
<td>3.18</td>
<td>7.93</td>
<td>1.37</td>
</tr>
<tr>
<td>07A / 17A</td>
<td>10.74</td>
<td>6.97</td>
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<td>3.44</td>
<td>9.38</td>
<td>1.63</td>
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<tr>
<td>P3N3B</td>
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<td>6.38</td>
<td>3.56</td>
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<td>1.81</td>
</tr>
</tbody>
</table>

Mounting Brackets and Gauge Not Included
CLOSE NIPPLED COMBINATIONS

POLYCARBONATE UNITS

Filters: Poly Bowls, Bowl Guards, Twist Drain
Regulators: 25 PSIG Spring, No Gauge
Lubricators: Micro-Mist Style, Poly Bowls, Bowl Guards, No Drain

<table>
<thead>
<tr>
<th>Series</th>
<th>Port Size</th>
<th>2-Unit Assembly</th>
<th>3-Unit Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 Series</td>
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<td>14G01B13F0GD</td>
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<td>14G11B13F0GD</td>
<td>14A11B13F0GF</td>
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<td>15A12A13A2NE</td>
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<tr>
<td></td>
<td>3/8&quot;</td>
<td>15G22A13A2NE</td>
<td>15A22A13A2NE</td>
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<tr>
<td>06 Series</td>
<td>1/4&quot;</td>
<td>16G12A13A2BC</td>
<td>16A12A13A2BC</td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>16G22A13A2BC</td>
<td>16A22A13A2BC</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;</td>
<td>16G32A13A2BC</td>
<td>16A32A13A2BC</td>
</tr>
<tr>
<td>07 Series</td>
<td>3/8&quot;</td>
<td>17G12A13A2BD</td>
<td>17A12A13A2BD</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;</td>
<td>17G12A13A2BD</td>
<td>17A12A13A2BD</td>
</tr>
<tr>
<td></td>
<td>3/4&quot;</td>
<td>17G22A13A2BD</td>
<td>17A22A13A2BD</td>
</tr>
</tbody>
</table>

NOTE: Bowl guards not available on 14 Series.

* Mist Style Lubricator.

CLOSE NIPPLED COMBINATIONS

METAL BOWL UNITS

Filters: Metal Bowl, Sight Gauge, Twist Drain
Regulators: 125 PSIG Spring, No Gauge
Lubricators: Micro-Mist Style, Metal Bowl, Sight Gauge, Twist Drain

<table>
<thead>
<tr>
<th>Series</th>
<th>Port Size</th>
<th>2-Unit Assembly</th>
<th>3-Unit Assembly</th>
</tr>
</thead>
<tbody>
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<td>14A03B13F0GF</td>
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<tr>
<td></td>
<td>1/4&quot;</td>
<td>14G13B13F0GD</td>
<td>14A13B13F0GF</td>
</tr>
<tr>
<td>05 Series</td>
<td>1/4&quot;</td>
<td>15G14A13A4NE</td>
<td>15A14A13A4NE</td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>15G24A13A4NE</td>
<td>15A24A13A4NE</td>
</tr>
<tr>
<td>06 Series</td>
<td>1/4&quot;</td>
<td>16G14A13A4BC</td>
<td>16A14A13A4BC</td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>16G24A13A4BC</td>
<td>16A24A13A4BC</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;</td>
<td>16G34A13A4BC</td>
<td>16A34A13A4BC</td>
</tr>
<tr>
<td>07 Series</td>
<td>3/8&quot;</td>
<td>17G14A13A4BD</td>
<td>17A14A13A4BD</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;</td>
<td>17G14A13A4BD</td>
<td>17A14A13A4BD</td>
</tr>
<tr>
<td></td>
<td>3/4&quot;</td>
<td>17G24A13A4BD</td>
<td>17A24A13A4BD</td>
</tr>
</tbody>
</table>

NOTE: Sight gauges not available on 14 Series.

* Mist Style Lubricator.
MODULAR COMBINATIONS

2-UNIT

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>A1</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>Slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>05H</td>
<td>4.33</td>
<td>6.38</td>
<td>5.35</td>
<td>3.15</td>
<td>2.05</td>
<td>8.50</td>
<td>1.45</td>
<td>2.60</td>
<td>1.14</td>
<td>4.72</td>
<td>0.280 x 0.430</td>
</tr>
<tr>
<td>06H</td>
<td>6.10</td>
<td>9.04</td>
<td>5.69</td>
<td>4.69</td>
<td>3.18</td>
<td>10.38</td>
<td>2.00</td>
<td>3.58</td>
<td>1.40</td>
<td>6.65</td>
<td>0.280 x 0.500</td>
</tr>
<tr>
<td>07H</td>
<td>7.00</td>
<td>10.28</td>
<td>6.97</td>
<td>4.79</td>
<td>3.44</td>
<td>11.76</td>
<td>2.18</td>
<td>3.58</td>
<td>1.40</td>
<td>7.51</td>
<td>0.280 x 0.500</td>
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</tbody>
</table>

06 / 07 Series Shown

MODULAR COMBINATIONS

3-UNIT

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>A1</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>Slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>05B</td>
<td>6.70</td>
<td>8.72</td>
<td>5.35</td>
<td>2.24</td>
<td>2.05</td>
<td>7.59</td>
<td>1.45</td>
<td>2.60</td>
<td>1.14</td>
<td>2.35</td>
<td>0.280 x 0.430</td>
</tr>
<tr>
<td>06B</td>
<td>9.46</td>
<td>12.39</td>
<td>5.69</td>
<td>2.24</td>
<td>3.18</td>
<td>7.82</td>
<td>2.00</td>
<td>3.58</td>
<td>1.40</td>
<td>3.33</td>
<td>0.280 x 0.500</td>
</tr>
<tr>
<td>07B</td>
<td>10.75</td>
<td>14.03</td>
<td>6.97</td>
<td>2.41</td>
<td>3.44</td>
<td>9.27</td>
<td>2.18</td>
<td>3.58</td>
<td>1.40</td>
<td>3.76</td>
<td>0.280 x 0.500</td>
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<tr>
<td>P3NCB</td>
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<td>9.57</td>
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<td>2.12</td>
<td></td>
<td></td>
<td></td>
<td>15.75</td>
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</tbody>
</table>

06 / 07 Series Shown

Mounting Brackets and Gauge Not Included
MODULAR COMBINATIONS

POLYCARBONATE UNITS

Filters: Poly Bowls, Bowl Guards, Twist Drain
Regulators: 125 PSIG Spring, No Gauge
Lubricators: Micro-Mist Style, Poly Bowls, Bowl Guards, No Drain

<table>
<thead>
<tr>
<th>Series</th>
<th>Port Size</th>
<th>2-Unit Assembly</th>
<th>3-Unit Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>05 Series</td>
<td>1/4&quot;</td>
<td>15H12A13A2NE</td>
<td>15B12A13A2NE</td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>15H22A13A2NE</td>
<td>15B22A13A2NE</td>
</tr>
<tr>
<td></td>
<td>1/4&quot;</td>
<td>16H12A13A2BC</td>
<td>16B12A13A2BC</td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>16H22A13A2BC</td>
<td>16B22A13A2BC</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;#</td>
<td>16H32A13A2BCG</td>
<td>16B32A13A2BCG</td>
</tr>
<tr>
<td>06 Series</td>
<td>3/8&quot;</td>
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<td>17B22A13A2BD</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;</td>
<td>17H32A13A2BD</td>
<td>17B32A13A2BD</td>
</tr>
<tr>
<td></td>
<td>3/4&quot;</td>
<td>17H42A13A2BD</td>
<td>17B42A13A2BD</td>
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</tbody>
</table>

"3/8" Port Body with 1/2" Port Block.

MODULAR COMBINATIONS

METAL BOWL UNITS

Filters: Metal Bowl, Sight Gauge, Twist Drain
Regulators: 125 PSIG Spring, No Gauge
Lubricators: Micro-Mist Style, Metal Bowl, Sight Gauge, Twist Drain

<table>
<thead>
<tr>
<th>Series</th>
<th>Port Size</th>
<th>2-Unit Assembly</th>
<th>3-Unit Assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>05 Series</td>
<td>1/4&quot;</td>
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<td>15B14A13A2NE</td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>15H24A13A2NE</td>
<td>15B24A13A2NE</td>
</tr>
<tr>
<td></td>
<td>1/4&quot;</td>
<td>16H14A13A4BC</td>
<td>16B14A13A4BC</td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>16H24A13A4BC</td>
<td>16B24A13A4BC</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;##</td>
<td>16H34A13A4BCG</td>
<td>16B34A13A4BCG</td>
</tr>
<tr>
<td>06 Series</td>
<td>3/8&quot;</td>
<td>17H24A13A4BD</td>
<td>17B24A13A4BD</td>
</tr>
<tr>
<td></td>
<td>1/2&quot;</td>
<td>17H34A13A4BD</td>
<td>17B34A13A4BD</td>
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<td></td>
<td>3/4&quot;</td>
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<tr>
<td>P3NCA Series</td>
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<td>P3NCA96SGMNNLNA</td>
<td>P3NCB96SGMNNLNA</td>
</tr>
<tr>
<td></td>
<td>1&quot;</td>
<td>P3NCA98SGMNNLNA</td>
<td>P3NCB98SGMNNLNA</td>
</tr>
<tr>
<td>#</td>
<td>1/2&quot;</td>
<td>P3NCA9PSGMNNLNA</td>
<td>P3NCB9PSGMNNLNA</td>
</tr>
</tbody>
</table>

* 1" Port Body with 1-1/2" Port Block.  "3/8" Port Body with 1/2" Port Block.

For Engineering Data and other Options, see catalog 0700P
MODULAR ASSEMBLY & ACCESSORIES

05 ECONOMY

BODY CONNECTORS

PS954P

Body Connectors allow you to easily assemble and disassemble Modular Combinations.
Body Connectors are required whenever you assemble two or more pieces together.
Each Kit includes one set.

WALL MOUNTING KITS

PS955P

Wall Mounting Kits are available for mounting your Modular Assemblies and can be assembled and used with any standard body connector set.
Since Modular Combinations are always identical in size, you can predrill for wall mounting on your equipment.
Kit includes 1 assembly.

LOCKOUT VALVE

PS95601P

1/4" Port

Lockout Valves provide positive shut-off and exhaust capability to isolate Modular units so they can be easily removed from the line and can be locked in a closed position. Center position can be used as a slow start for 06 & 07 series.
NOTE: Body Connectors are not supplied with Lockout Valves.

PORT BLOCK CONNECTOR KITS

<table>
<thead>
<tr>
<th></th>
<th>1/8&quot;</th>
<th>1/4&quot;</th>
<th>3/8&quot;</th>
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</thead>
<tbody>
<tr>
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<td>PS95001P</td>
<td>PS95002P</td>
</tr>
<tr>
<td>BSPP</td>
<td>PS95010P</td>
<td>PS95011P</td>
<td>PS95012P</td>
</tr>
<tr>
<td>BSPT</td>
<td>PS95020P</td>
<td>PS95021P</td>
<td>PS95022P</td>
</tr>
</tbody>
</table>

Port Block Connectors allow you to make threaded port connections to Modular units and are available in various port sizes to match your system requirements.
Each Kit includes all the necessary pieces to make two port connections.

MODULAR MANIFOLD BLOCK

PS95701P

1/4" Port

A Modular Manifold Block can be used between any two Modular units to give additional outlet ports. The 1/4" Manifold Block provides three additional outlets. Any standard pipe plug can be used to close off unused ports.
NOTE: Body Connectors are not supplied with Manifold Blocks.
MODULAR ASSEMBLY & ACCESSORIES

06 COMPACT - 07 STANDARD

BODY CONNECTORS

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
<th>06 Series</th>
<th>07 Series</th>
</tr>
</thead>
<tbody>
<tr>
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<td>PS850P</td>
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<tr>
<td></td>
<td>1/2&quot;</td>
<td>PS752P*</td>
<td>PS852P</td>
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</table>

Body Connectors allow you to easily assemble and disassemble Modular Combinations. Each Kit includes one set. Body Connectors are required whenever you assemble two or more pieces together.

PORT BLOCK CONNECTOR KITS

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
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<th>BSPP</th>
<th>BSPT</th>
</tr>
</thead>
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<td>PS765P</td>
<td>PS761P</td>
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<td>PS761P</td>
<td>PS766P</td>
<td>PS762P</td>
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<td></td>
<td>1/2&quot;</td>
<td>PS762P</td>
<td>PS767P</td>
<td>PS769P</td>
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<td>PS865P</td>
<td>PS861P</td>
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<td>3/8&quot;</td>
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<td>PS866P</td>
<td>PS862P</td>
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<tr>
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<td>1/2&quot;</td>
<td>PS862P</td>
<td>PS867P</td>
<td>PS863P</td>
</tr>
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</table>

* Use 1/4 or 3/8 ported bodies.

Port Block Connectors allow you to make threaded port connections to Modular units and are available in various port sizes to match your system requirements. Each Kit includes all the necessary pieces to make two port connections.

WALL MOUNTING KITS

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
<th>Port</th>
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</table>

Wall Mounting Kits are available for mounting your Modular Assemblies and can be assembled and used with any standard body connector set. Since Modular Combinations are always identical in size, you can predrill for wall mounting on your equipment. Kit includes 1 assembly.

LOCKOUT VALVES

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
<th>Port</th>
</tr>
</thead>
<tbody>
<tr>
<td>06 Series</td>
<td>PS756P</td>
<td>3/8&quot; Port</td>
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<tr>
<td>07 Series</td>
<td>PS856P</td>
<td>1/2&quot; Port</td>
</tr>
</tbody>
</table>

Lockout Valves provide positive shut-off and exhaust capability to isolate Modular units so they can be easily removed from the line and can be locked in a closed position. Center position can be used as a slow start. NOTE: Body Connectors are not supplied with Lockout Valves.

MODULAR MANIFOLD BLOCK

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
<th>Port</th>
</tr>
</thead>
<tbody>
<tr>
<td>06 Series</td>
<td>PS757P</td>
<td>3/8&quot; Port</td>
</tr>
<tr>
<td>07 Series</td>
<td>PS857P</td>
<td>1/2&quot; Port</td>
</tr>
</tbody>
</table>

A Modular Manifold Block can be used between any two Modular units to give additional outlet ports. The Manifold Block provides 2 additional outlets in 3/8" and 1/2" sizes. Any standard pipe plug can be used to close off unused ports. NOTE: Body Connectors are not supplied with Manifold Blocks.

Parker Hannifin Corporation
MODULAR ASSEMBLY & ACCESSORIES
P3N HI-FLOW

For modular combinations, one side has groove and the mating side is flat. Use the o-ring seal provided in the groove. For some modular combinations, both surfaces may have grooves. In those applications, use o-ring in one groove and square seal provided in the other.

PORT BLOCK KITS

<table>
<thead>
<tr>
<th></th>
<th>3/4&quot;</th>
<th>1&quot;</th>
<th>1-1/2&quot;</th>
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</thead>
<tbody>
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<td>NPT</td>
<td>P3NK96CP</td>
<td>P3NK98CP</td>
<td>P3NK98CP</td>
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<tr>
<td>BSPP</td>
<td>P3NK916CP</td>
<td>P3NK918CP</td>
<td>P3NK918CP</td>
</tr>
</tbody>
</table>

Port Block Kits allow units to be installed or removed as modular components. Each Kit includes all the necessary pieces to make two port connections.

MOUNTING BRACKETS
P3NKA00MW
For 1-1/2" BSPP Port Block with E02 fitting application, use Mounting Bracket Kit P3NKA0BMW

REPLACEMENT BODY COVERS
P3NKA00PM
Each Kit contains two covers. All units are shipped with body covers.
## AIR PREPARATION UNITS

### MOUNTING BRACKET KITS

<table>
<thead>
<tr>
<th>Kit Description</th>
<th>Dimensions (Inches)</th>
<th>Kit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS417BP (Includes Panel Mount Nut)</td>
<td>A 1.80 B 2.37 C 0.90 D 1.35 E 1.00 F 0.50 G 0.20 H 1.24 J 0.56 K 0.22 L 0.45 M 0.62</td>
<td>(10F, 14F, P3A, 14R, 14E)</td>
</tr>
<tr>
<td>PS419 (Includes Panel Mount Nut)</td>
<td>A 1.80 B 2.17 C 0.90 D 1.35 E 1.00 F 0.50 G 0.20 H 1.24 J 0.56 K 0.22 L 0.45 M 0.62</td>
<td>(04L)</td>
</tr>
<tr>
<td>PS743P, PS843P (Includes Panel Mount Nut)</td>
<td>A 0.84 B 3.25 C 1.50 D 0.42 E 2.00 F 0.94 G 0.28 H 1.44 J — K — L — M —</td>
<td>(06F, 11F, 06L, 16L)</td>
</tr>
<tr>
<td>PS843P (Includes Panel Mount Nut)</td>
<td>A 1.00 B 3.94 C 1.57 D 0.50 E 2.19 F 1.25 G 0.28 H 1.68 J — K — L — M —</td>
<td>(07F, 12F, 07L, 17L)</td>
</tr>
<tr>
<td>PS943P (Includes Panel Mount Nut)</td>
<td>A 0.28 B 2.12 C 2.00 D 0.14 E 1.85 F 0.63 G 0.28 — — — — M —</td>
<td>(05F, 15F, 15L)</td>
</tr>
<tr>
<td>PS963P (Includes Panel Mount Nut)</td>
<td>A 0.84 B 2.59 C 0.49 D 1.02 E 1.85 F 0.61 G 0.28 — — — — M —</td>
<td>(05R, 10R, 05E, 27E)</td>
</tr>
<tr>
<td>PS797P (Includes Panel Mount Nut)</td>
<td>A 0.84 B 3.26 C 0.77 D 1.46 E 2.00 F 0.94 G 0.28 — — — — M —</td>
<td>(06R, 09E, 11R)</td>
</tr>
<tr>
<td>PS807P (Includes Panel Mount Nut)</td>
<td>A 1.00 B 3.94 C 0.65 D 1.68 E 2.19 F 1.25 G 0.28 — — — — M —</td>
<td>(07R, 07E, 12R)</td>
</tr>
<tr>
<td>P3NKA000MW (Includes Panel Mount Nut)</td>
<td>A 6.22 B 8.19 C 2.75 D 1.97 E 2.36 F 1.77 G 1.30 — — — — M —</td>
<td>(P3NF, P3NR, P3NE, P3NL)</td>
</tr>
</tbody>
</table>
MUFFLER-RECLASSIFIER

ECS SERIES

General Description: The ECS (Muffler-Reclassifier) eliminates unwanted oil mist and reduces exhaust noise from pneumatic valves, cylinders and air motors.

Features:
- 99.97% Oil removal efficiencies.
- 25 dBA Noise attenuation.
- 1/2" NPT and 1" NPT.
- Disposable units.
- Continuous or plugged drain option.
- Metal retained construction.

AUTOMATIC DRIP LEG DRAIN

Features:
- Auto drain ported 1/8" to pipe away liquid.
- Drain has manual override.
- Easily serviced without tool.
- 10-250 PSIG range.
- Compact size.

RELIEF VALVE

Features:
- Large relief capacity in a compact size.
- Lightweight aluminum construction with resilient seat.
- Relief range: 50 to 200 PSIG with standard spring
- Operating temperature: 32°F to 200°F

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0601NA</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>0603NA</td>
<td>1/2&quot;</td>
</tr>
</tbody>
</table>

Standard Model With 1/4 Inch Male Thread

Specify Pressure Setting PSIG Using Three Digits
- Standard Setting is 100 PSIG

RV01A1N 100
P130 - P134 RELIEF VALVE

Features:
- Compact, sensitive diaphragm-type relief valve.
- Push-pull, locking knob.
- Knob and top work the same as a miniature regulator.
- P130 has lightweight aluminum construction.
- P134 has a brass body, captured exhaust and is an inline type with 3 inlet ports and 1 outlet port.
- Maximum Inlet Pressure: 300 PSIG
- Operating Temperature: 40°F to 120°F

SOLENOID QUICK DUMP VALVE

Features:
- Shuts off incoming pressure while rapidly exhausting downstream pressure
- Large exhaust flow capacities up to 5.0 Cv
- Solenoid operation
- Non-locking manual override
- Inline or Modular Mounting

ORDERING INFORMATION
**SOFT START / QUICK DUMP VALVE**

**Features:**
- Combines Soft Start and Quick Dump Valve in same body.
- Large flow capacities.
- Inline or Modular mounting.
- Air Pilot or Solenoid operation.
- Soft Start flow easily adjusted.
- Pressure & Temperature Ratings:
  - Solenoid: 60 to 150 PSIG
    - 32°F to 140°F
  - Air Pilot: 60 to 150 PSIG
    - 32°F to 160°F
  - Air Pilot with Prestolok Adaptor: 60 to 150 PSIG
    - 32°F to 150°F

**NOTICE:** BOLD OPTIONS ARE STANDARD.

- For Voltage Options 49 and 53, use 22mm connectors
- For Voltage Options 69 and 73, use 30mm connectors

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Series</th>
<th>Port Size</th>
<th>Operator / Voltage</th>
<th>Engineering Level</th>
<th>Thread Type / Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>05S</td>
<td>3/8 Inch</td>
<td>05S Air Pilot</td>
<td>06S / 07S</td>
<td>Blank NPT 1. BSPP (G)</td>
</tr>
<tr>
<td>06S</td>
<td>1/2 Inch</td>
<td>06S / 07S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07S</td>
<td>1/2 Inch</td>
<td>06S / 07S</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Features:**
- Combines Soft Start and Quick Dump Valve in same body.
- Large flow capacities.
- Inline or Modular mounting.
- Air Pilot or Solenoid operation.
- Soft Start flow easily adjusted.
- Pressure & Temperature Ratings:
  - Solenoid: 60 to 150 PSIG
    - 32°F to 140°F
  - Air Pilot: 60 to 150 PSIG
    - 32°F to 160°F
  - Air Pilot with Prestolok Adaptor: 60 to 150 PSIG
    - 32°F to 150°F

**NOTICE:** BOLD OPTIONS ARE STANDARD.

- For Voltage Options 49 and 53, use 22mm connectors
- For Voltage Options 69 and 73, use 30mm connectors
AUTO PILOT SOFT START VALVE

Features:
- Smooth start-up of pneumatic system
- Air pilot operation
- Large flow capacities up to 5.5 Cv
- Inline or Modular Mounting

06P – 3/8" Port Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.36</td>
<td>4.70</td>
<td>2.08</td>
<td>1.48</td>
<td>1.04</td>
<td>1.68</td>
</tr>
</tbody>
</table>

07P – 1/2" Port Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.81</td>
<td>5.21</td>
<td>2.74</td>
<td>1.80</td>
<td>1.37</td>
<td>1.91</td>
</tr>
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</table>

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Series</th>
<th>Port Size</th>
<th>Engineering Level</th>
<th>Thread Type / Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>06P</td>
<td>3/8 Inch (06P)</td>
<td>A Current</td>
<td>Blank NPT 1. BSPP (G)</td>
</tr>
<tr>
<td>07P</td>
<td>1/2 Inch (07P)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: BOLD OPTIONS ARE STANDARD.
PRESSURE SWITCH

**P01908**

**Features:**
- Inline mounting
- 5 amp rated snap action micro switch
- Brass body
- Nitrile diaphragm
- Brass housing
- Compact size
- Flying leads electrical connection
- IP65 Rated
- Field adjustable 25-100 PSIG
- +/- 2% repeatability
- Single pole / Double throw switch

**SPECIFICATIONS:**
- Electrical 5 AMP, 12/24VDC, 125/250VAC
- Maximum Inlet Pressure 300 PSIG
- Mechanical Life 2x10^6 at 75 PSIG
- Electrical Connection 18" Flying Leads
- Electrical Protection IP65
- Repeatability ±2% at 70°F Ambient
- Temperature Range -40°F to 180°F
- Weight 0.23 lb.

**KITS AND ACCESSORIES:**
- Bushing 1/4" to 3/8" 209P-6-4
- Bushing 1/4" to 1/2" 209P-8-4


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PRESSURE SWITCH

**SERIES P01909**

**Features:**
- Inline mounting
- Dial indicator for easy pressure setting
- 5 amp rated snap action micro switch
- Heavy duty Aluminum components
- Compact size
- Din 43650HCM connector
- IP65 Rated
- Field adjustable 30-150 PSIG
- +/- 2% repeatability
- Single pole / Double throw switch
- Nitrile diaphragm
- Anodized Aluminum housing

**SPECIFICATIONS:**
- Electrical 5 AMP, 12/24VDC, 125/250VAC
- Maximum Inlet Pressure 300 PSIG
- Mechanical Life 10^6 at standard operating conditions
- Electrical Connection DIN 43650HCM
- Electrical Protection IP65
- Repeatability ±2% at 70°F Ambient
- Temperature Range -40°F to 180°F
- Weight 0.13 lb.

**KITS AND ACCESSORIES:**
- Bushing 1/4" to 3/8" 209P-6-4
- Bushing 1/4" to 1/2" 209P-8-4