# Regulator Numbering System

## Unit Function
- **R**: Regulator

## Family
- 08: Miniature
- 18: Compact
- 28: Standard

## Thread Type
- 0: NPT
- C: BSPP

## Pipe Size
- 1: 1/8" X
- 2: 1/4" X
- 3: 3/8" X
- 4: 1/2" X
- 6: 3/4" X

## Diaphragm Function
- Options:
  - None
  - Tamper Resistant Regulator Adj
  - Pressure Gauge
  - Pilot Operated

## Options
- B: Reverse Flow (08, 18 & 28 Only)

### Table: Diaphragm Function

<table>
<thead>
<tr>
<th>Diaphragm Function</th>
<th>Fluorocarbon</th>
<th>Spring Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 to 30 PSIG (0 to 2.1 bar)</td>
<td>0 to 60 PSIG (0 to 4.1 bar)</td>
</tr>
<tr>
<td>Relieving</td>
<td>No</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td>J</td>
</tr>
<tr>
<td>Non-relieving</td>
<td>No</td>
<td>P</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td>V</td>
</tr>
</tbody>
</table>

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1. Tamper kit not installed. Kit is shipped loose in carton, for 08, 18 & 28 NPT units.
2. ISO, R228 (G Series).
3. For 08 Series only: "G" in position 8 or 9 is for unit with flush mounted pressure gauge. Units without gauge have 1/8" threaded gauge ports, and a center back mounted pressure gauge must be ordered separately.

**NOTE:** When selecting from the options columns, please enter letters in alphabetical order for positions 7, 8, and 9. For example:

**R 18 - 0 3 - F 0 G 0**

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### Table: Function / pressure range

<table>
<thead>
<tr>
<th>Function / pressure range</th>
<th>0 Relieving / 6 to 174 PSI</th>
<th>H Relieving / 0 to 232 PSI</th>
<th>A Pilot Operated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>R90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thread type</td>
<td>NPT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Port size</td>
<td>3/4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Option</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Notes:**
- For 1-1/2" ported unit, please order P5325A/BCP port block kit separately.
- Not field convertible.
- No options available on pilot operated.

Bold items are most common.

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**WILKERSON**

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Richland, Michigan
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B77
RB3 / RA3 Series Regulator Numbering System

```
<table>
<thead>
<tr>
<th></th>
<th>R</th>
<th>B</th>
<th>3</th>
<th>-</th>
<th>0</th>
<th>2</th>
<th>-</th>
<th>F</th>
<th>0</th>
<th>G</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Function</td>
<td>R Regulator</td>
<td>Family</td>
<td>Thread Type</td>
<td>Pipe Size</td>
<td>Diaphragm Function</td>
<td>Options</td>
<td>Options</td>
<td>Options</td>
<td>Options</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B3 Brass</td>
<td>A3 Aluminum Miniature</td>
<td>A4 Aluminum Miniature</td>
<td>0 NPT</td>
<td>C BSPP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pipe Size</td>
<td>1 1/8&quot;</td>
<td>2 1/4&quot;</td>
<td>M Manifold</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Options
0 None
B Constant Bleed
G Pressure Gauge
N No Gauge Ports
R Remote Air Piloted
T Tamper Resistant Regulator Adjustment
Z Brass Bonnet and Hex Adjustment Knob

Spring Range
- Diaphragm Function
  - Relieving
    - C
    - D
    - F
  - Non-relieving
    - P
    - W
    - R

1 ISO, R228 (G Series)
2 RA4 Only
3 Not available on RA4

NOTE: When selecting from the options columns, please enter letters in alphabetical order for positions 8, and 9.
For example:

RB3 - 0 2 - F 0 G T

NOTE: Standard pressure adjustment is plastic "snap lock" knob and plastic bonnet with plastic panel mount nut.
Regulator Numbering System

Unit Function  
R Regulator

Family  
1 Miniature  
6 Compact  
26 Standard  
30 Large  
40 Extra Large

Thread Type  
0 None  
G Pressure Gauge  
H High Pressure Spring  
L Low Pressure Spring  
N Non-Relieving Diaphragm

Pipe Size  
3 - 0 0 0

Options  
Options (R03 Only)

Preset / Pressure Limited

Options (R03 Only)

0 Standard, 2 to 125 PSI, Relieving  
G** Pressure Gauge  
J† Preset, Adjustable  
K† Preset, Non-Adj. / Epoxy  
L 1 to 60 PSI, Relieving  
M Panel Nut Included  
N 2 to 125 PSI, Non-Relieving  
P 1 to 30 PSI, Relieving  
Q 1 to 15 PSI, Relieving  
R† Pressure Limiter  
S 1 to 60 PSI, Non-Relieving  
T 1 to 30 PSI, Non-Relieving  
U 1 to 15 PSI, Non-Relieving

Code | Pipe Size | Series |
--- | --- | --- |
1 | 1/8" | X |
2 | 1/4" | X |
3 | 3/8" | X |
4 | 1/2" | X |
6 | 3/4" | X |
8 | 1" | X |
B | 1-1/2" | X |
C | 2" | X |

* Inlet pressure is 100 PSIG. For other pressures, consult factory.  
** Not available with BSPP thread type.  
† Must specify preset or limited pressure.

Spring Type by Preset / Limited Pressure:  
For Preset / Limited Pressure 10 to 25 use 30 PSI Spring  
For Preset / Limited Pressure 26 to 50 use 60 PSI Spring  
For Preset / Limited Pressure 51 to 90 use 125 PSI Spring

If more than one option is desired, arrange them in alphabetical order in positions 6, 7, and 8.

† Not available on R30.