SAFETY LOCKOUT VALVES

V08, V18/V28, V19/V29 Series
Modular Compressed Air Preparation System
Innovative Compressed Air Products

Wilkerson®
Wilkerson V08, V18/V28, and V19/V29 Safety Lockout Valves conform to OSHA lockout regulation 29 CFR Part 1910 governing the control of hazardous energy sources for equipment used in manufacturing/service industries, and machinery requiring maintenance, service, setup, or repair.

Wilkerson’s valves are manually operated, slide-type 3-way valves. In the closed position, downstream air is exhausted to atmosphere. The valve slide can be locked in the closed position with a user-supplied padlock.

The V08 is Wilkerson’s miniature safety lockout valve and is compatible with the 08 miniature modular FRL system. The V18/V28 and V19/V29 are Wilkerson’s compact and standard size safety lockout valves and are compatible with the 18/28 modular FRL system.

Wilkerson’s safety lockout valves are readily identifiable by their bright OSHA orange and yellow slide mechanisms, which satisfies OSHA’s requirement that lockout devices be easily identifiable and standardized within a facility.

The V18/V28 lockout valves have orange slides and are used in standard left-to-right flow applications. The V19/V29 valves have yellow slides and are for use in right-to-left flow applications.

Features and Benefits
- Conforms to OSHA regulation 29 CFR part 1910.
- Exhausts downstream air when closed.
- Compact modular design is part of the 08/18/28/38 series.
- Lockable in the closed position.
- V19/V29 for right-to-left flow applications.
- 1/4” to 3/4” NPT or G ports available.
**GENERAL SPECIFICATIONS**

**V08**

- **Flow Capacity**
  - 1/8: 55.5 scfm (26.2 dm³/s)
  - 1/4: 100.0 scfm (47.2 dm³/s)

- **Exhaust Flow**
  - V08, 1/8: Cv = 0.241
  - V08, 1/4: Cv = 0.253

- **Maximum Operating Temperature**: 150°F (65.5°C)
- **Maximum Supply Pressure**: 150 psig (10 bar)
- **Port Size**: NPT/BSP 1/8, 1/4
- **Weight**: lb. (kg) 0.66 (0.3)

* Inlet pressure 150 psig (10 bar). Pressure drop 5 psid (0.3 bar).

**V08-01 Exhaust Flow**

- Cv @ 150 psig = 0.241

**V08-02 Exhaust Flow**

- Cv @ 150 psig = 0.253

**V18/V28 & V19/V29**

- **Flow Capacity**
  - V18/V19: 1/4 141 scfm (65 dm³/s)
  - 3/8 216 scfm (102 dm³/s)
  - 1/2 272 scfm (127 dm³/s)
  - V28/V29: 3/8 208 scfm (98 dm³/s)
  - 1/2 290 scfm (137 dm³/s)
  - 3/4 300 scfm (142 dm³/s)

- **Exhaust Flow**
  - V18/V19, 3/8: Cv = 1.03
  - V28/V29, 1/2: Cv = 1.05

- **Maximum Operating Temperature**: 150°F (65.5°C)
- **Maximum Supply Pressure**: 150 psig (10 bar)
- **Port Size**: NPT/BSP V18/V19, 1/4, 3/8, 1/2
  - V28/V29, 3/8, 1/2, 3/4
- **Weight**: lb. (kg) V18/V19, .74 (.34)
  - V28/V29, .90 (.41)

* Inlet pressure 150 psig (10 bar). Pressure drop 5 psid (0.3 bar).

**V18/V19-03 Exhaust Flow**

- Cv @ 150 psig = 1.03

**V28/V29-04 Exhaust Flow**

- Cv @ 150 psig = 1.05

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**MATERIALS OF CONSTRUCTION**

**V08**

- **Body**: Zinc
- **Blade**: Acetal
- **Seals**: Nitrile

**V18/V28 & V19/V29**

- **Body**: Zinc
- **Blade**: Acetal
- **Seals**: Nitrile
### DIMENSIONS

#### Models

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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
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<tbody>
<tr>
<td>Standard Unit</td>
<td>3.16</td>
<td>3.19</td>
<td>1.93</td>
<td>1.91</td>
<td>2.02</td>
<td>.97</td>
<td>2.36</td>
<td>1.18</td>
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<td>80</td>
<td>81</td>
<td>49</td>
<td>51</td>
<td>24.5</td>
<td>60</td>
<td>30</td>
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<tr>
<td>Standard Unit</td>
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<td>2.28</td>
<td>1.98</td>
<td>2.13</td>
<td>1.14</td>
<td>2.58</td>
<td>1.29</td>
<td>1.03</td>
<td>2.28</td>
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<tr>
<td>V28-XX-0000</td>
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<td>86</td>
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<td>50</td>
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<td>28</td>
<td>65</td>
<td>33</td>
<td>26</td>
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</table>

**Inlet Dimensions**

- **V08-XX-0000**
  - A: 61.2
  - B: 62.5
  - C: 40.0
  - D: 30.7
  - E: 41.4
  - F: 20.0
  - G: 42.7
  - H: 21.3

- **V19-XX-0000**
  - A: 80
  - B: 80
  - C: 81
  - D: 49
  - E: 51
  - F: 24.5
  - G: 60
  - H: 30
  - J: 26
  - K: 58

- **V29-XX-0000**
  - A: 82
  - B: 86
  - C: 58
  - D: 50
  - E: 54
  - F: 28
  - G: 65
  - H: 33
  - J: 26
  - K: 58

*DIMENSIONS INCHES AND MILLIMETERS*

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*Documents Provided by Coast Pneumatics*
SAFETY LOCKOUT VALVE NUMBERING SYSTEM

UNIT FUNCTION
V = SAFETY LOCKOUT

FAMILY
08 = MINIATURE
18/19 = COMPACT
28/29 = STANDARD

THREAD TYPE
0 = NPT
C = BSPP*

*ISO, R228 (G SERIES)

PIPE SIZE
1 = 1/8
2 = 1/4
3 = 3/8
4 = 1/2
6 = 3/4

OPTIONS
0 = NONE

ORDERING INFORMATION

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<thead>
<tr>
<th>MODEL TYPE</th>
<th>PORT SIZE</th>
<th>SAFETY LOCKOUT VALVE</th>
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<td>V08</td>
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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.

REPLACEMENT KITS

<table>
<thead>
<tr>
<th>MODEL TYPE</th>
<th>V08</th>
<th>V18/V19</th>
<th>V28/V29</th>
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<tbody>
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<td>Plastic slide and o-rings</td>
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