

# SAFETY LOCKOUT VALVES



**V08, V18/V28,  
V19/V29 Series**

**Modular Compressed  
Air Preparation System**

*Innovative Compressed Air Products*



**WILKERSON®**

# SAFETY LOCKOUT VALVES

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.



**V08**



**V18**

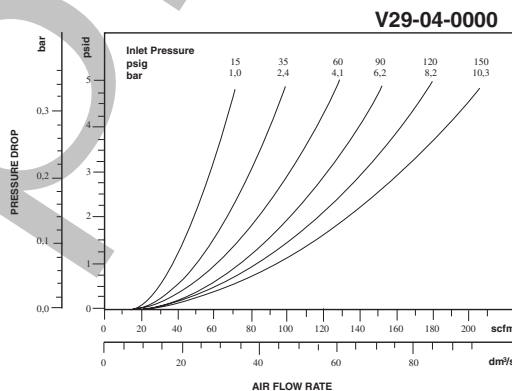
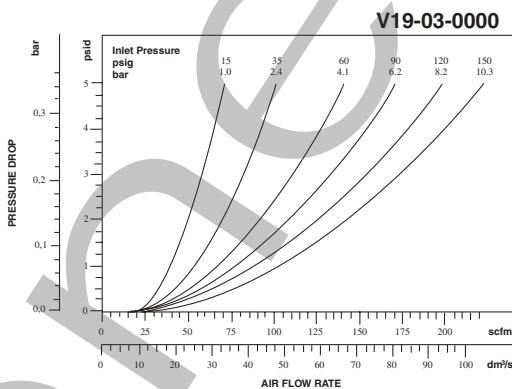
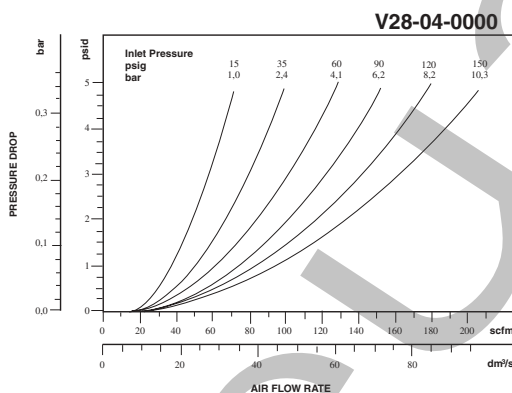
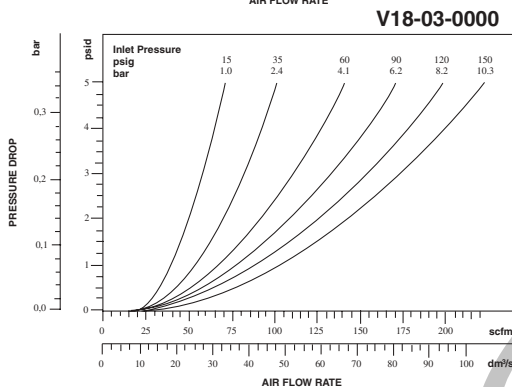
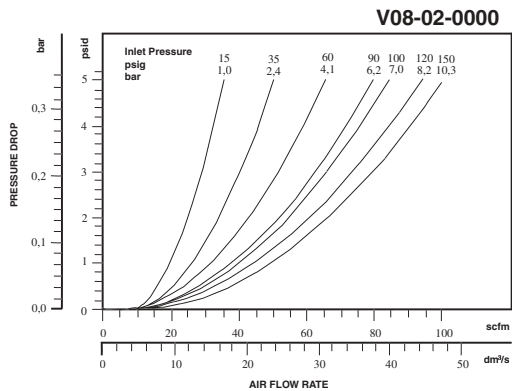


**V19**

## 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

# Flow Chart Characteristics



## 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) .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

## MATERIALS OF CONSTRUCTION

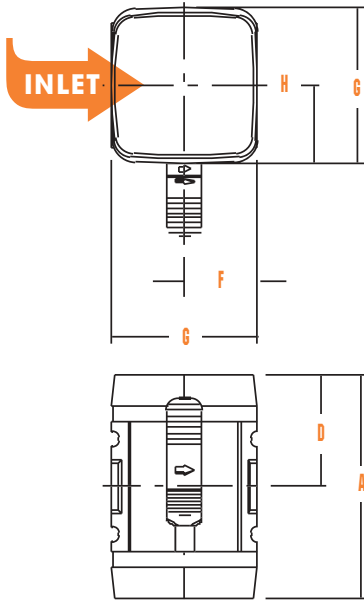
### V08

Body Zinc  
Blade Acetal  
Seals Nitrile

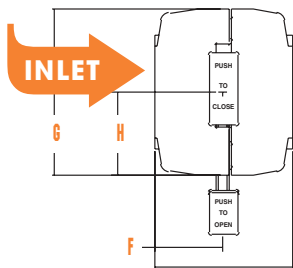
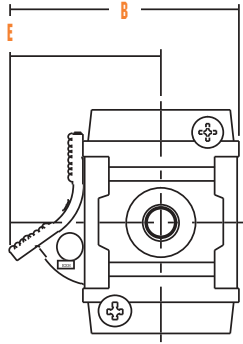
### V18/V28 & V19/V29

Body Zinc  
Blade Acetal  
Seals Nitrile

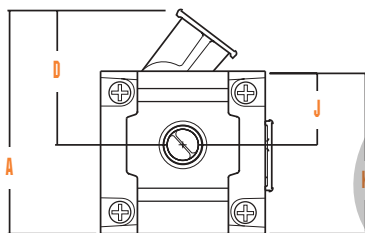
# DIMENSIONS



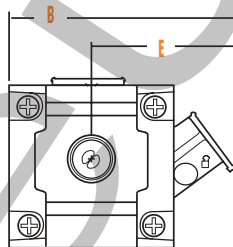
MODELS	Inches mm	A	B	C	D	E	F	G	H
Standard Unit V08-XX-0000		2.41 61.2	2.46 62.5	1.58 40.0	1.21 30.7	1.63 41.4	.79 20.0	1.68 42.7	.84 21.3



MODELS	Inches mm	A	B	C	D	E	F	G	H	J	K
Standard Unit V18-XX-0000		3.16 80	3.19 80	1.93 81	1.91 49	2.02 51	.97 24.5	2.36 60	1.18 30	1.03 26	2.28 58
Standard Unit V28-XX-0000		3.23 82	3.41 86	2.28 58	1.98 50	2.13 54	1.14 28	2.58 65	1.29 33	1.03 26	2.28 58

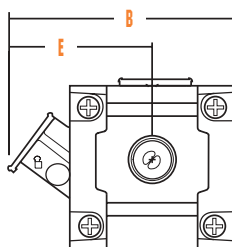
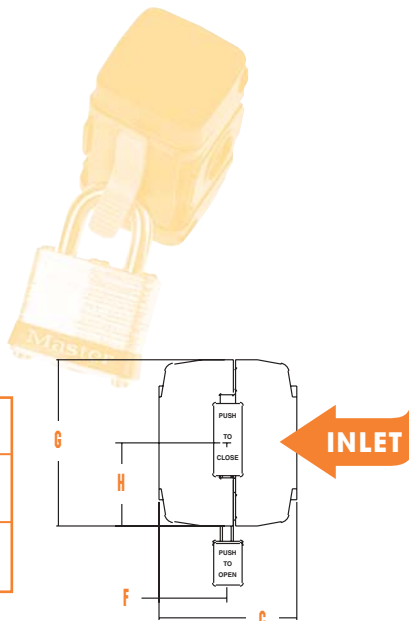


Inlet End View  
Shown Open

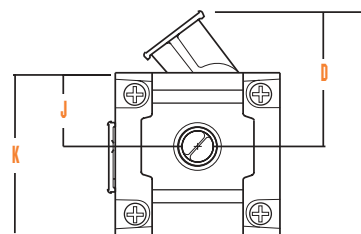


Inlet End View  
Shown Closed

MODELS	Inches mm	A	B	C	D	E	F	G	H	J	K
Standard Unit V19-XX-0000		3.16 80	3.19 80	1.93 81	1.91 49	2.02 51	.97 24.5	2.36 60	1.18 30	1.03 26	2.28 58
Standard Unit V29-XX-0000		3.23 82	3.41 86	2.28 58	1.98 50	2.13 54	1.14 28	2.58 65	1.29 33	1.03 26	2.28 58

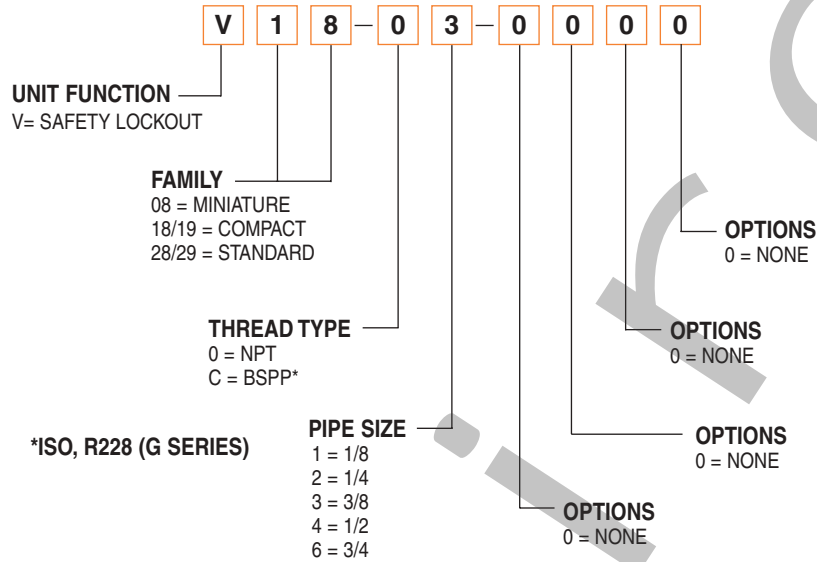


Inlet End View  
Shown Closed



Inlet End View  
Shown Open

# SAFETY LOCKOUT VALVE NUMBERING SYSTEM



## ORDERING INFORMATION

MODEL TYPE	PORT SIZE	SAFETY LOCKOUT VALVE
V08	1/8	V08-01-0000
	1/4	V08-02-0000
V18	1/4	V18-02-0000
	3/8	V18-03-0000
	1/2	V18-04-0000
V28	3/8	V28-03-0000
	1/2	V28-04-0000
	3/4	V28-06-0000
V19	1/4	V19-02-0000
	3/8	V19-03-0000
	1/2	V19-04-0000
V29	3/8	V29-03-0000
	1/2	V29-04-0000
	3/4	V29-06-0000

**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

MODEL TYPE	V08	V18/V19	V28/V29
Plastic slide and o-rings	—	VRP-96-925	VRP-96-926