

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.

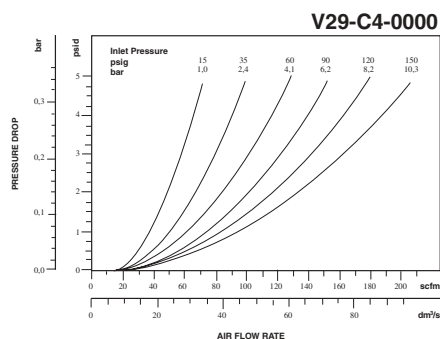
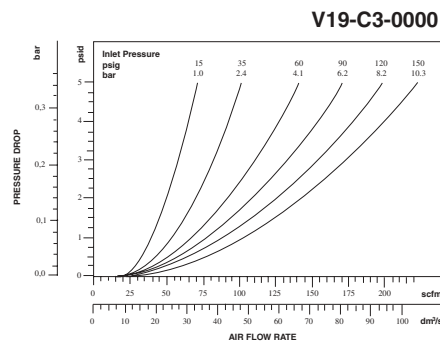
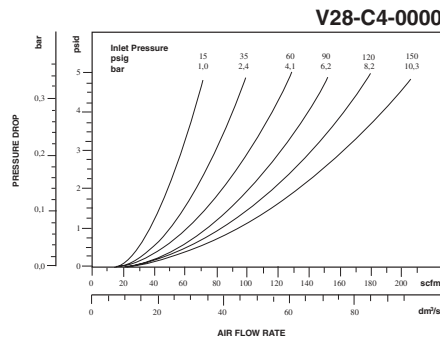
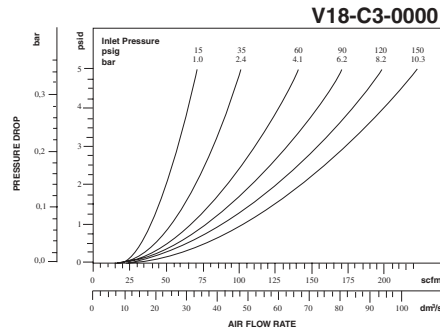
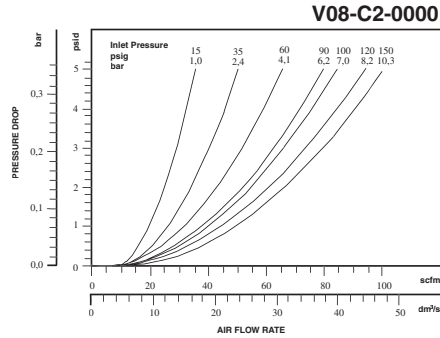
The V18/V28 lockout valves have orange slides and are used in standard left-to-right flow applications. The V19/V29 valves have yellow slides and are for use in right-to-left flow applications.



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 1/4	55.5 scfm (26,2 dm³/s) 100.0 scfm (47,2 dm³/s)
Exhaust Flow**	V08, 1/8 V08, 1/4	Cv = 0.241 Cv = 0.253
Maximum Operating Temperature	175°F (79°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 3/8 1/2	141 scfm (65 dm³/s) 216 scfm (102 dm³/s) 272 scfm (127 dm³/s)
	V28/V29 3/8 1/2 3/4	208 scfm (98 dm³/s) 290 scfm (137 dm³/s) 300 scfm (142 dm³/s)
Exhaust Flow**	V18/V19, 3/8 V28/V29, 1/2	Cv = 1.03 Cv = 1.05
Maximum Operating Temperature	175°F (79°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

MATERIAL OF CONSTRUCTION

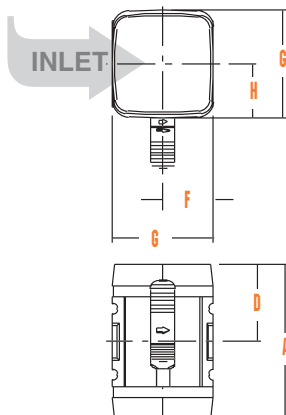
V08

Body	Zinc
Blade	Acetal
Seals	Nitrile

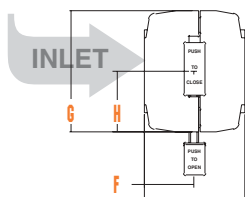
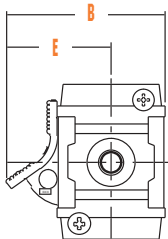
V18/V28 & V19/V29

Body	Zinc
Blade	Acetal
Seals	Nitrile

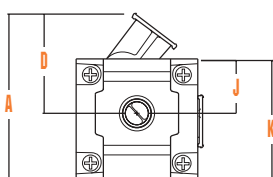
DIMENSIONS



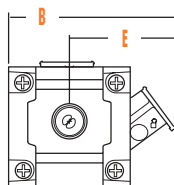
MODELS	Inches mm	A	B	C	D	E	F	G	H
Standard Unit V08-XX-0000		2.41 61.2	2.46 62.5	1.58 40.0	1.21 30.7	1.63 41.4	.79 20.0	1.68 42.7	.84 21.3



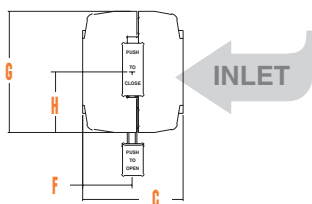
MODELS	Inches mm	A	B	C	D	E	F	G	H	J	K
Standard Unit V18-XX-0000		3.16 80	3.19 80	1.93 81	1.91 49	2.02 51	.97 24.5	2.36 60	1.18 30	1.03 26	2.28 58
Standard Unit V28-XX-0000		3.23 82	3.41 86	2.28 58	1.98 50	2.13 54	1.14 28	2.58 65	1.29 33	1.03 26	2.28 58



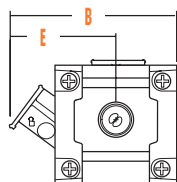
Inlet End View
Shown Open



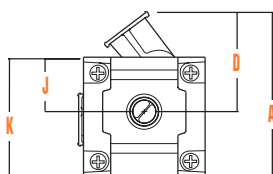
Inlet End View
Shown Closed



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

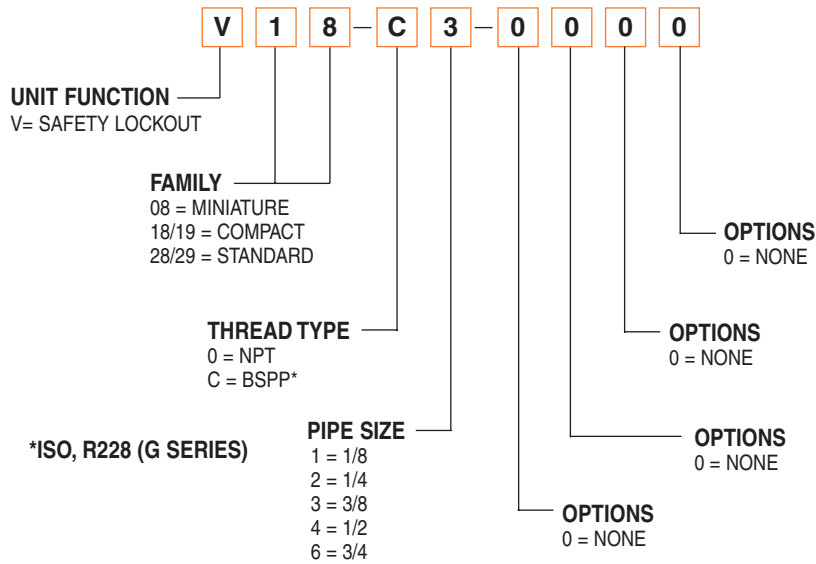


Inlet End View
Shown Closed



Inlet End View
Shown Open

SAFETY LOCKOUT VALVE NUMBERING SYSTEM



ORDERING INFORMATION

MODEL TYPE	PORT SIZE	SAFETY LOCKOUT VALVE
V08	1/8	V08-C1-0000
	1/4	V08-C2-0000
V18	1/4	V18-C2-0000
	3/8	V18-C3-0000
	1/2	V18-C4-0000
V28	3/8	V28-C3-0000
	1/2	V28-C4-0000
	3/4	V28-C6-0000
V19	1/4	V19-C2-0000
	3/8	V19-C3-0000
	1/2	V19-C4-0000
V29	3/8	V29-C3-0000
	1/2	V29-C4-0000
	3/4	V29-C6-0000

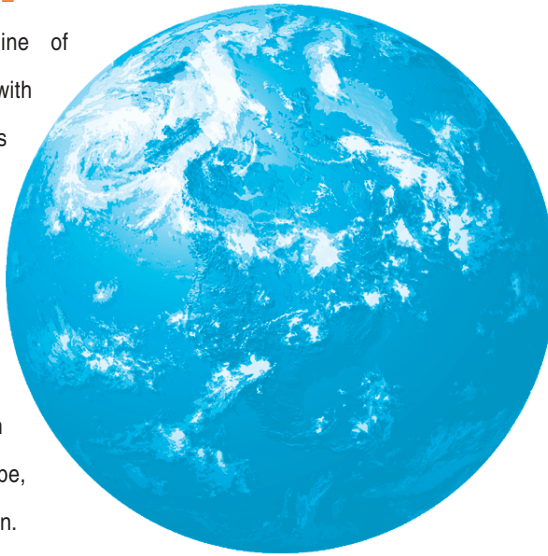
Options - To order an option supplied with the unit model, add the appropriate coded suffix letter in the designated position of the model number.

REPLACEMENT KITS

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

DISTRIBUTED WORLD WIDE

Wilkerson offers a complete line of innovative fluid power products with features and operating characteristics that meet customer expectations of quality, performance, reliability and value. Wilkerson representatives are located in most major cities throughout the world with additional manufacturing and sales affiliates in North and South America, Europe, Africa, Asia and the Pacific Rim Basin.



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08 SERIES



18/28 SERIES

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