

Safety Lockout Valve

Bulletin 9CW-VE-214-1



WILKERSON®

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This document and other information from The Company, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application including consequences of any failure, and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by The Company and its subsidiaries at any time without notice.

Offer of Sale

The items described in this document are hereby offered for sale by The Company, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated on the separate page of this document entitled "Offer of Sale".

Features

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

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 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



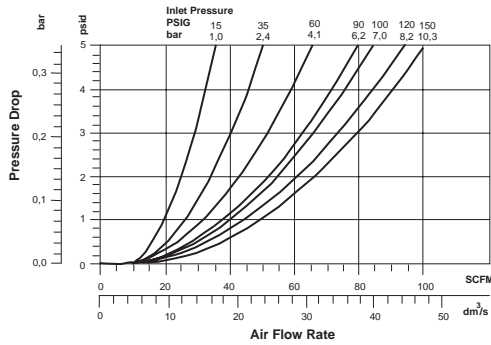
V18



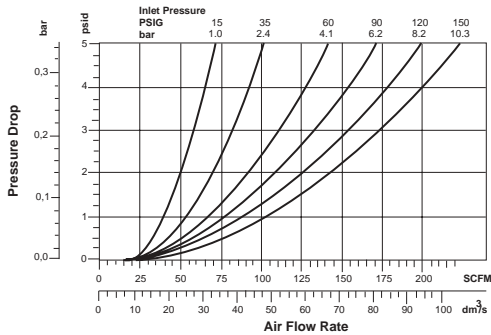
V28

Technical Information

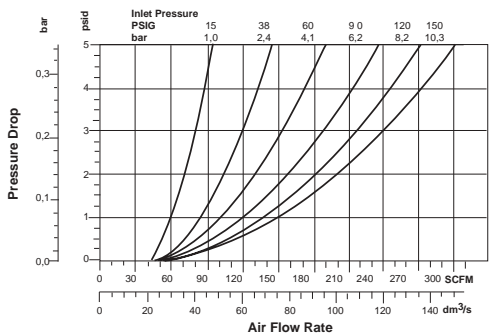
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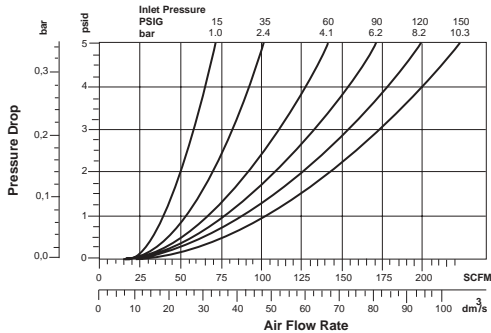
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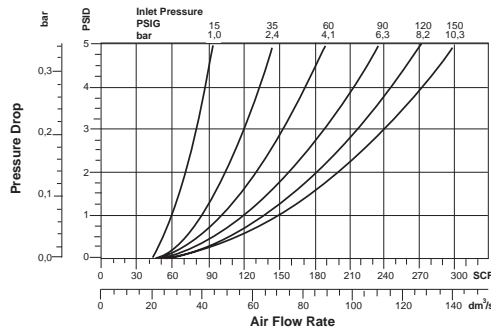
V28-06-0000



V19-03-0000



V29-06-0000



Specifications

V08

Flow Capacity*	1/8	55.5 SCFM (26,2 dm ³ /s)
	1/4	100.0 SCFM (47,2 dm ³ /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 dm ³ /s)
		3/8	216 SCFM (102 dm ³ /s)
		1/2	272 SCFM (127 dm ³ /s)
	V28 / V29	3/8	208 SCFM (98 dm ³ /s)
		1/2	290 SCFM (137 dm ³ /s)
		3/4	300 SCFM (142 dm ³ /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 / BSPP-G V18 / V19: 1/4, 3/8, 1/2 Inch
V28 / V29: 3/8, 1/2, 3/4 Inch

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 / V18 / V28 & V19 / V29

Body	Zinc
Blade	Acetal
Seals	Nitrile

Dimensions

V08-XX-0000

A	B	C	D
2.41 (61)	2.46 (62)	1.58 (40)	1.21 (31)
E	F		
1.63 (41)	.79 (20)		

Inches (mm)

V18-XX-0000

A	B	C	D	E
3.16 (80)	3.19 (80)	1.93 (81)	1.91 (49)	2.02 (51)
F	G	H	J	K
0.97 (24.5)	2.36 (60)	1.18 (30)	1.03 (26)	2.28 (58)

V28-XX-0000

A	B	C	D	E
3.23 (82)	3.41 (86)	2.28 (58)	1.98 (50)	2.13 (54)
F	G	H	J	K
1.14 (28)	2.58 (65)	1.29 (33)	1.03 (26)	2.28 (58)

Inches (mm)

V19-XX-0000

A	B	C	D	E
3.16 (51)	3.19 (24.5)	1.93 (60)	1.91 (30)	2.02 (26)
F	G	H	J	K
0.97 (80)	2.36 (80)	1.18 (81)	1.03 (49)	2.28 (58)

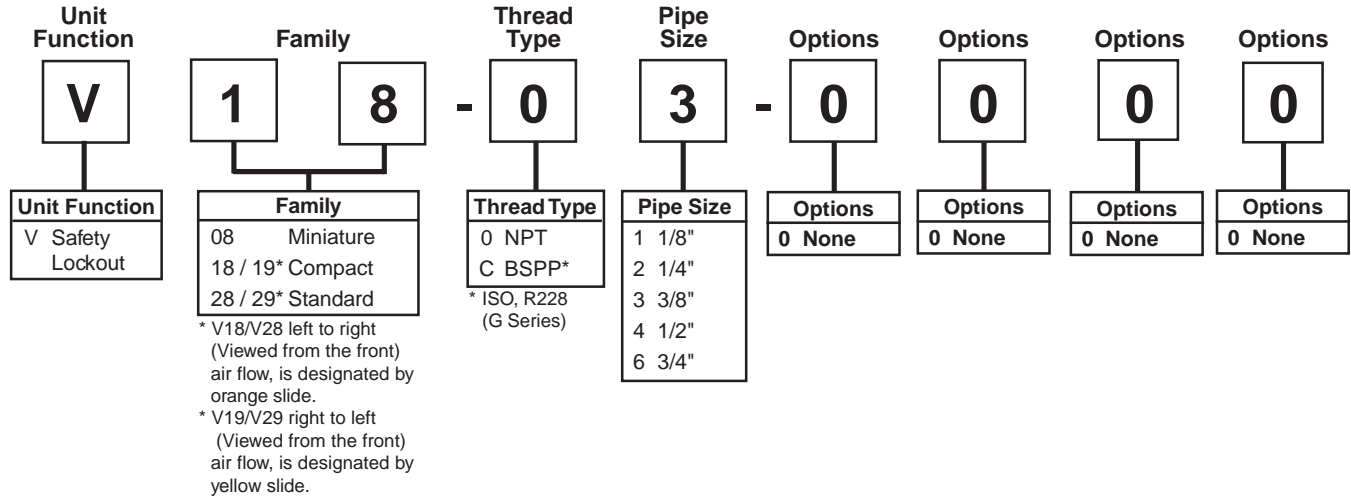
V29-XX-0000

A	B	C	D	E
3.23 (82)	3.41 (86)	2.28 (58)	1.98 (50)	2.13 (54)
F	G	H	J	K
1.14 (28)	2.58 (65)	1.29 (33)	1.03 (26)	2.28 (58)

Inches (mm)

Ordering Information

**Safety Lockout Valve
Numbering System**



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

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

*V18/V28 left to right (Viewed from the front) air flow is designated by orange slide.

*V19/V29 right to left (Viewed from the front) air flow is designated by yellow slide.

Replacement Kits

Model Type	V08	V18	V28	V19	V29
Plastic Slide & O-rings	—	VRP-96-925	VRP-96-926	VRP-97-100	VRP-97-101

Offer of Sale

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1. Terms and Conditions of Sale: All descriptions, quotations, proposals, offers, acknowledgments, acceptances and sales of Seller's products are subject to and shall be governed exclusively by the terms and conditions stated herein. Buyer's acceptance of any offer to sell is limited to these terms and conditions. Any terms or conditions in addition to, or inconsistent with those stated herein, proposed by Buyer in any acceptance of an offer by Seller, are hereby objected to. No such additional, different or inconsistent terms and conditions shall become part of the contract between Buyer and Seller unless expressly accepted in writing by Seller. Seller's acceptance of any offer to purchase by Buyer is expressly conditional upon Buyer's assent to all the terms and conditions stated herein, including any terms in addition to, or inconsistent with those contained in Buyer's offer. Acceptance of Seller's products shall in all events constitute such assent.

2. Payment: Payment shall be made by Buyer net 30 days from the date of delivery of the items purchased hereunder. Amounts not timely paid shall bear interest at the maximum rate permitted by law for each month or portion thereof that the Buyer is late in making payment. Any claims by Buyer for omissions or shortages in a shipment shall be waived unless Seller receives notice thereof within 30 days after Buyer's receipt of the shipment.

3. Delivery: Unless otherwise provided on the face hereof, delivery shall be made F.O.B. Seller's plant. Regardless of the method of delivery, however, risk of loss shall pass to Buyer upon Seller's delivery to a carrier. Any delivery dates shown are approximate only and Seller shall have no liability for any delays in delivery.

4. Warranty: Seller warrants that the items sold hereunder shall be free from defects in material or workmanship for a period of 18 months from date of shipment from The Company. THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO ITEMS PROVIDED HEREUNDER. SELLER MAKES NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION OF ANY KIND WHATSOEVER. ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY AND FITNESS FOR PURPOSE, WHETHER EXPRESS, IMPLIED, OR ARISING BY OPERATION OF LAW, TRADE USAGE, OR COURSE OF DEALING ARE HEREBY DISCLAIMED.

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6. Changes, Reschedules and Cancellations: Buyer may request to modify the designs or specifications for the items sold hereunder as well as the quantities and delivery dates thereof, or may request to cancel all or part of this order, however, no such requested modification or cancellation shall become part of the contract between Buyer and Seller unless accepted by Seller in a written amendment to this Agreement. Acceptance of any such requested modification or cancellation shall be at Seller's discretion, and shall be upon such terms and conditions as Seller may require.

7. Special Tooling: A tooling charge may be imposed for any special tooling, including without limitations, dies, fixtures, molds and patterns, acquired to manufacture items sold pursuant to this contract. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the items sold hereunder, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by

Buyer. Unless otherwise agreed, Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

8. Buyer's Property: Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer, or any other items which become Buyer's property, may be considered obsolete and may be destroyed by Seller after two (2) consecutive years have elapsed without Buyer placing an order for the items which are manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.

9. Taxes: Unless otherwise indicated on the face hereof, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of the items sold hereunder. If any such taxes must be paid by Seller or if Seller is liable for the collection of such tax, the amount thereof shall be in addition to the amounts for the items sold. Buyer agrees to pay all such taxes or to reimburse Seller therefore upon receipt of its invoice. If Buyer claims exemption from any sales, use or other tax imposed by any taxing authority, Buyer shall save Seller harmless from and against any such tax, together with any interest or penalties thereon which may be assessed if the items are held to be taxable.

10. Indemnity For Infringement of Intellectual Property Rights: Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Part 10. Seller will defend and indemnify Buyer against allegations of infringement of U.S. patents, U.S. trademarks, copyrights, trade dress and trade secrets (hereinafter "Intellectual Property Rights"). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that an item sold pursuant to this contract infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If an item sold hereunder is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using said item, replace or modify said item so as to make it noninfringing, or offer to accept return of said item and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to items delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any item sold hereunder. The foregoing provisions of this Part 10 shall constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.

If a claim is based on information provided by Buyer or if the design for an item delivered hereunder is specified in whole or in part by Buyer, Buyer shall defend and indemnify Seller for all costs, expenses or judgments resulting from any claim that such item infringes any patent, trademark, copyright, trade dress, trade secret or any similar right.

11. Force Majeure: Seller does not assume the risk of and shall not be liable for delay or failure to perform any of Seller's obligations by reason of circumstances beyond the reasonable control of Seller (hereinafter "Events of Force Majeure"). Events of Force Majeure shall include without limitation, accidents, acts of God, strikes or labor disputes, acts, laws, rules or regulations of any government or government agency, fires, floods, delays or failures in delivery of carriers or suppliers, shortages of materials and any other cause beyond Seller's control.

12. Entire Agreement/Governing Law: The terms and conditions set forth herein, together with any amendments, modifications and any different terms or conditions expressly accepted by Seller in writing, shall constitute the entire Agreement concerning the items sold, and there are no oral or other representations or agreements which pertain thereto. This Agreement shall be governed in all respects by the law of the State of Ohio. No actions arising out of sale of the items sold hereunder or this Agreement may be brought by either party more than two (2) years after the cause of action accrues.

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