



## “V” SERIES INSPIRATORS



V-3 Inspirator 17D003-0000

The Carlisle “V” Series Inspirator is constructed from a cast iron body with some brass pieces in the assembly. These Inspirators are used to pull atmospheric air to be used for the mixture of gas and air. By adjusting a shutter, the operator can control the amount of air that will be pulled into the inspirator and used for the mixture. This is very similar to the familiar design of a bunsen burner shutter. By closing off the shutter, a gas rich flame can be produced. This design offers a great range of possible mixing ratios.

Machining of the throat and careful aligning of internal parts insures maximum efficiency of these inspirators. This allows the “V” Series Inspirator to maintain a constant gas/air ratio throughout the range of firing rates.

CATALOG NUMBER	MODEL NUMBER	BODY WIDTH	BODY LENGTH	INLET SIZE	OUTLET SIZE
17D001-0000	V-1	1 3/4"	7 1/4"	1/8" NPTF	1/2" NPTF
17D002-0000	V-2	1 15/16"	8 29/32"	1/8" NPTF	3/4" NPTF
17D003-0000	V-3	2 25/32"	11 3/32"	3/8" NPTF	1" NPTF
17D004-0000	V-4	3 11/32"	13 15/16"	3/8" NPTF	1 1/4" NPTF
17D005-0000	V-5	3 9/16"	15 1/32"	3/8" NPTF	1 1/2" NPTF
17D006-0000	V-6	4 1/8"	18 3/8"	1/2" NPTF	2" NPTF

**Carlisle Machine Works, Inc.,**  
**P.O. Box 746, 412 S. Wade Blvd., Bldg. #5, Millville, NJ 08332**  
**Phone: (856) 825- 0627 Fax: (856) 825 - 5510**  
**Web Site: [www.carlislemachine.com](http://www.carlislemachine.com) E-Mail: [carlisle@carlislemachine.com](mailto:carlisle@carlislemachine.com)**  
**Toll Free In Continental US (800) 922-1167**

