



PRODUCT HIGHLIGHT

STANDARD VENT SELECTION GUIDE

Explosion venting is one of the most common and effective forms of passive explosion protection used to protect industrial equipment from damage. Fike continues to lead the way by producing an unsurpassed range of reliable explosion venting solutions. To simplify this process, Fike presents the Standard Vent Selection which allows for rapid delivery of this critical component to keep processes running and keep personnel & assets safe.

	Item	Relief Area ft ² (m ²)	Burst Pressure @ 72°F	Performance Attributes			Compliance	
				Operating Ratio	Operating Range	Vacuum Rating		
Rectangular	Bulged Composite	CV-S 12x18" (D4777-1)	1.16 (0.11)	1.5 psig	85%	-40 to 400°F (-40 to 204°C)	-8.9 psig	NFPA 68
		CV-S 24x24" (D4777-5)	3.44 (0.32)	1.5 psig	85%	-40 to 400°F (-40 to 204°C)	-4.1 psig	NFPA 68
		CV-S 18x35" (O4777-2)	3.75 (0.35)	1.5 psig	85%	-40 to 400°F (-40 to 204°C)	-4.1 psig	NFPA 68
		CV-S 24x36" (D4777-3)	5.29 (0.49)	1.5 psig	85%	-40 to 400°F (-40 to 204°C)	-3.0 psig	NFPA 68
		CV-S 36x36" (D4777-6)	8.15 (0.76)	1.5 psig	85%	-40 to 400°F (-40 to 204°C)	-3.0 psig	NFPA 68
		CV-S 36x44" (D4777-4)	10.05 (0.93)	1.5 psig	85%	-40 to 400°F (-40 to 204°C)	-1.7 psig	NFPA 68
	Flat Composite	CV-SF 12x24" (D3588-1)	1.34 (0.12)	1.5 psig	75%	-40 to 400°F (-40 to 204°C)	Full* (-14.7 psig)	NFPA 68
		CV-SF 18x35" (D1601-3)	3.31 (0.31)	1.0 psig	75%	-40 to 400°F (-40 to 204°C)	Full* (-14.7 psig)	NFPA 68
		CV-SF 24x36" (D2042-3)	4.72 (0.44)	0.5 psig	75%	-40 to 400°F (-40 to 204°C)	Full* (-14.7 psig)	NFPA 68
		CV-SF 36x44" (D3728-1)	9.08 (0.84)	0.5 psig	75%	-40 to 400°F (-40 to 204°C)	Full* (-14.7 psig)	NFPA 68
		CV 12x24" (D3726-1)	1.76 (0.16)	1.5 psig	75%	-40 to 400°F (-40 to 204°C)	-0.75 psig	NFPA 68
		CV 18x35" (D2012-4)	4.01 (0.37)	1.5 psig	75%	-40 to 400°F (-40 to 204°C)	-0.75 psig	NFPA 68
		CV 24x36" (D3195-1)	5.59 (0.52)	1.5 psig	75%	-40 to 400°F (-40 to 204°C)	-0.75 psig	NFPA 68
		CV 36x44" (D3727-1)	10.45 (0.97)	1.5 psig	75%	-40 to 400°F (-40 to 204°C)	-0.75 psig	NFPA 68
Round	Bulged	CV-S 24" (D3737-2)	2.89 (0.27)	1.5 psig	90%	-40 to 400°F (-40 to 204°C)	Full (-14.7 psig)	NFPA 68
		CV-S 30" (D4321-1)	4.59 (0.43)	1.5 psig	90%	-40 to 400°F (-40 to 204°C)	Full (-14.7 psig)	NFPA 68
		CV-S 36" (D3618-2)	6.68 (0.62)	1.5 psig	90%	-40 to 400°F (-40 to 204°C)	Full (-14.7 psig)	NFPA 68

*Requires frame with back-up bars

Note: Burst Indicator option is available for all vents. Additional lead time may apply.

This document is only intended to be a guideline and is not applicable to all situations. Information subject to full disclaimer at

<http://www.fike.com/disclaimer>