

EPS® Division Quick Start* System & Vent Selection Guide

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CLASS I APPLICATIONS per NFPA 496 (3000 & 4000 Series also Cenelec and IEC approved)

NOTES

APPLICATION INFORMATION				MAXIMUM ENCLOSURE VOLUME						
Type	Div.	Group	Equipment	2 Cubic Feet	15 Cubic Feet	75 Cubic Feet	90 Cubic Feet	200 Cubic Feet	250 Cubic Feet	450 Cubic Feet
Z	2	A-D	General Purpose	1001A-LPS-CI 1001A-WPSA-CI 1011-CI 11-LPS-CI 11-WPSA-CI	1002-LPS-CI 1002-WPSA-CI 1012-CI	1003-LPS-CI 1003-WPSA-CI	3003-LPS-CI 3003-WPSA-CI	1004-LPS-CI 1004-WPSA-CI	3004-LPS-CI 3004-WPSA-CI	1005-LPS-CI 1005-WPSA-CI
		C & D	General Purpose	1001A-WPS-CI 11-WPS-CI	1002-WPS-CI	1003-WPS-CI	3003-WPS-CI	1004-WPS-CI	3004-WPS-CI	1005-WPS-CI
X	1	B-D	General Purpose	2001A-STD-IB	2002-STD-IB	2003-STD-IB	4003-STD-CI 4003-SA-CI 4003-FA-CI	2004-STD-IB	4004-STD-CI 4004-SA-CI 4004-FA-CI	2005-STD-IB
		C & D	General Purpose	2001A-STD-CI	2002-STD-CI 2002-SA-CI 2002-FA-CI	2003-STD-CI 2003-SA-CI 2003-FA-CI	4003-STD-CI 4003-SA-CI 4003-FA-CI	2004-STD-CI 2004-SA-CI 2004-FA-CI	4004-STD-CI 4004-SA-CI 4004-FA-CI	2005-STD-CI 2005-SA-CI 2005-FA-CI
Y	1	A-D	Division 2	1001A-LPS-CI 1001A-WPSA-CI 1011-CI 11-LPS-CI 11-WPSA-CI	1002-LPS-CI 1002-WPSA-CI 1012-CI	1003-LPS-CI 1003-WPSA-CI	3003-LPS-CI 3003-WPSA-CI	1004-LPS-CI 1004-WPSA-CI	3004-LPS-CI 3004-WPSA-CI	1005-LPS-CI 1005-WPSA-CI
		C & D	Division 2	1001A-WPS-CI 11-WPS-CI	1002-WPS-CI	1003-WPS-CI	3003-WPS-CI	1004-WPS-CI	3004-WPS-CI	1005-WPS-CI

APPLICATION INFORMATION

Division & Group columns indicate rating of surrounding atmosphere. Equipment column indicates rating of equipment to be protected.

MAXIMUM ENCLOSURE VOLUME

Columns indicate maximum volume of enclosure(s) to be protected, not excluding any consumed volumes.

SYSTEM SELECTION

Multiple model number listings within single cube indicate range of choices.

Type Y & Z System Model Numbers:

LPS indicates **Less Pressure Switch**

WPS indicates **With Pressure Switch**

WPSA indicates **With Pressure Switch Gr.**

A-D

Type X System Model Numbers:

STD indicates **Standard**

SA indicates **Semi-Automatic**

FA indicates **Fully Automatic**

VENT SELECTION

System Model #: locate selected system in "Vent Required" or "Vent Optional" column.

Vent Model: indicates required/optional vent for selected system.

SCFH: Normal SCFH measured with enclosure pressure @ 3" of water Max SCFH measured @ 7" of water.

CLASS II APPLICATIONS (per NFPA 496)

VENT COMPATIBILITY & FLOW RATE

APPLICATION INFORMATION				MAXIMUM ENCLOSURE VOLUME		
Type	Div.	Group	Equipment	10 Cubic Feet	50 Cubic Feet	250 Cubic Feet
Z	2	F & G	General Purpose	1001A-LPS-CII 1001A-WPS-CII 1011-CII 11-LPS-CII 11-WPS-CII	1001B-LPS-CII 1001B-WPS-CII	1001C-LPS-CII 1001C-WPS-CII
X	1	E-G	General Purpose	2001A-STD-CII	2001B-STD-CII	2001C-STD-CII
Y	1	F & G	Division 2	1001A-LPS-CII 1001A-WPS-CII 11-LPS-CII 11-WPS-CII	1001B-LPS-CII 1001B-WPS-CII	1001C-LPS-CII 1001C-WPS-CII

SYSTEM SELECTION	SYSTEM MODEL #		VENT MODEL	SCFH	
	VENT REQUIRED*	VENT OPTIONAL**		NORMAL	MAX
		11, 1011, 1001A & 2001A	EPV-1	568	1044
	1012, 1002 & 2002		EPV-2	685	1202
	1003, 2003 & 3003	1001B & 2001B	EPV-3	1143	1971
	4003		EPV-3-SM	1143	1971
	1004 & 2004	1001C & 2001C	EPV-4	2510	4387
	4004		EPV-4-SM	2510	4387
	1005 & 2005		EPV-5	4280	4479

*REQUIRED USE INDICATES RAPID EXCHANGE SYSTEMS WHICH REQUIRE A VENT FOR PROPER OPERATION

**OPTIONAL USE INDICATES SYSTEMS WHICH REQUIRE A VENT OR REDUNDANT SUPPLY REGULATOR