

ab-copurge

Y & Z Purge and Pressurization Systems

ab-copurge.com

Model AV-1BG



- Suitable for up to fifteen (15) cubic feet volumes
- Cutout to enclosure 1 1/16"
- Continuous flow rate up to thirty (30) SCFH
- Top and Side Mount Available



BENEFITS

The AB-CO Purge and Pressurization Systems are the most economical and best solution to placing non-classified and Division 2 equipment in hazardous locations and extending the life of your equipment mounted in the enclosure.

The AB-CO Purge and Pressurization Systems supply suitable enclosures with the proper amount of inert gas or clean instrument air which removes flammable gases and prevents the accumulation of ignitable dusts within the protective enclosure.

The AB-CO Purge and Pressurization Systems regulate and monitor the continuous flow of inert gas or clean instrument air into your enclosure which can eliminate problems like heat, moisture, dust and corrosion within your enclosure.

- Reduces classification within the enclosure
- Continuous system status indication
- Increases equipment life span
- Enhances access and use of your equipment
- Reduces heat buildup
- Prevents moisture and corrosion
- Eliminates dust containment
- Allows use of any enclosure shape
- Inexpensive and cost of protection per cubic foot decreases with enclosure size
- Notification of purge pressure loss with optional explosion proof/flameproof pressure switch
- Instructions are acid etched and printed with UV inhibited ink on the control panel
- FM and ATEX version available
- 2 Year Warranty
- Made in the USA

ACCESSORIES and OPTIONS

Purge and Pressurization



Pressure Switch



In-Line Filter



APPLICABILITY DATA

Model	Type	Purge CI/Div/Grp/Zone	Pressure Switch CI/Div/Grp/Zone	Max Volume	Inlet	Outlet	Vent	Fast Purge Flow Rate	Continuous Flow Rate
AP-01	Z	CI I, Div 2, Grp A, B, C, & D		2 cu. ft.	1/4" Tube	1/4" Tube	AV-1BG	N/A	0.5 to 15 SCFH
	Z	CI II, Div 2, Grp F & G		10 cu. ft.	1/4" Tube	1/4" Tube	AV-1BG	N/A	0.5 to 15 SCFH
AFP-01	Z	CI I & II, Div 2, Grp A, B, C, D, F & G, Zone 2		15 cu. ft.	1/4" FNPT	1/4" Tube	AV-1BG	6 SCFM	0.5 to 30 SCFH
	Y	CI I & II, Div 1, Grp A, B, C, D, F & G		15 cu. ft.	1/4" FNPT	1/4" Tube	AV-1BG	6 SCFM	0.5 to 30 SCFH
AFP-02	Z	CI I & II, Div 2, Grp A, B, C, D, F & G, Zone 2		75 cu. ft.	1/4" FNPT	3/8" Tube	AV-2BG	16 SCFM	0.5 to 40 SCFH
	Y	CI I & II, Div 1, Grp A, B, C, D, F & G		75 cu. ft.	1/4" FNPT	3/8" Tube	AV-2BG	16 SCFM	0.5 to 40 SCFH
AFP-03	Z	CI I & II, Div 2, Grp A, B, C, D, F & G, Zone 2		300 cu. ft.	3/8" FNPT	1/2" Tube	AV-2BG	40 SCFM	0.5 to 40 SCFH
	Y	CI I & II, Div 1, Grp A, B, C, D, F & G		300 cu. ft.	3/8" FNPT	1/2" Tube	AV-2BG	40 SCFM	0.5 to 40 SCFH
DP-1			CI I, Div 1, Grp C & D CI II, Div 1, Grp F & G						
DP-1B			CI I, Div 1, Grp B, C & D, Zone 2 CI II, Div 1, Grp F & G, Zone 2						

AV-1BG-T = Top Mount Vent
 AV-1BG-S = Side Mount Vent



AB-CO Purge requires submission of a completed Application Data Sheet before acceptance of an order

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