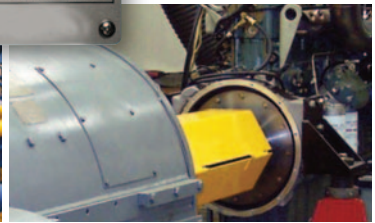
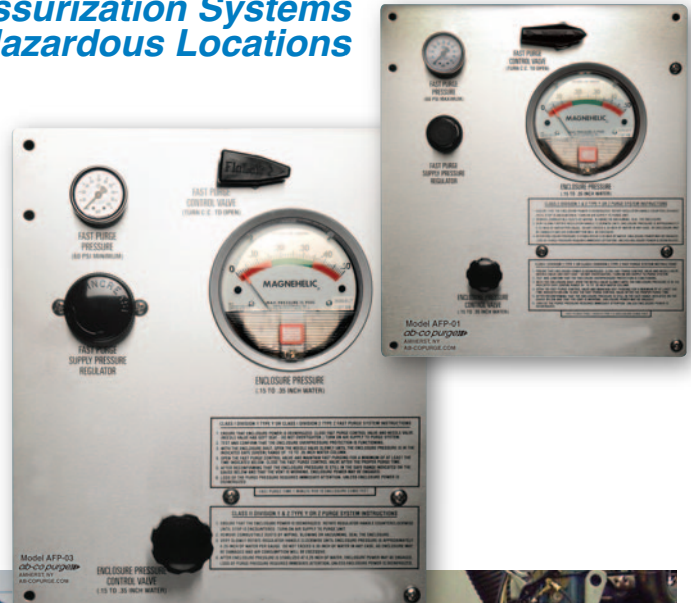




Purge and Pressurization Systems  
for Hazardous Locations



Product Line  
Products

[ab-copurge.com](http://ab-copurge.com)

# ab-copurge

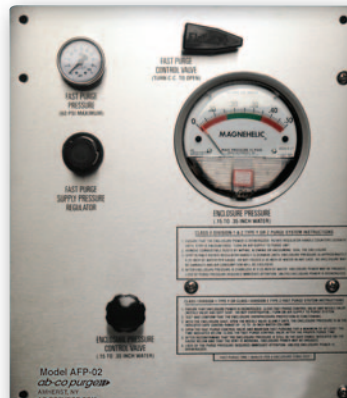
## Z-Purge Units



**AP-01Z-02**  
**Z Purge Unit**  
Up to 2 cu. ft.



**AFP-01Z-15**  
**Z Purge Unit**  
Up to 15 cu. ft.



**AFP-02Z-75**  
**Z Purge Unit**  
Up to 75 cu. ft.



**AFP-03Z-300**  
**Z Purge Unit**  
Up to 300 cu. ft.



**AP-01Z-10**  
**Z Purge Unit**  
Up to 10 cu. ft.

**Type-Z Purge and Pressurization** – A Z-Type purge and pressurization system reduces the classification within the electrical enclosure used in a Class I, Division 2 (Groups A,B,C,D) and Class II, Division 2 (Groups F&G) hazardous environment from Division 2 to unclassified.



## Market Sectors & Applications Using Purge and Pressurization Systems

- Refineries
- Chemical
- Petrochemical
- Offshore Oil/Gas
- On-shore Oil/Gas
- Pharmaceutical
- Biotechnology
- Grain/flour mills
- Natural gas processing and transportation
- Commercial space
- Industrial automation
- Paint spray booths
- Welding
- Marine
- Robotics
- Explosives/ammunition manufacturing
- Metering and monitoring
- Security and surveillance
- Engine testing (automotive, off-road, locomotive... anywhere wet testing of engines with fuel)

**For More Information on AB-CO PURGE Products Including Specifications,**  
**Call: 716.500.ABCO**  
**or visit us at [ab-copurge.com](http://ab-copurge.com)**



# Purge and Pressurization Systems for Hazardous Locations

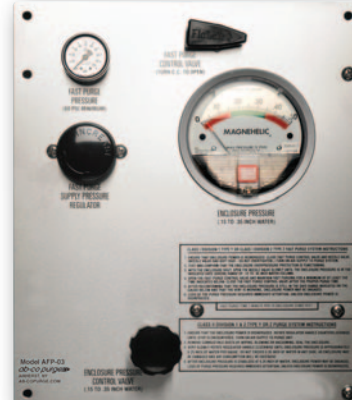
## Y-Purge Units



**AFP-01Y-15**  
Y Purge Unit  
Up to 15 cu. ft.



**AFP-02Y-75**  
Y Purge Unit  
Up to 75 cu. ft.



**AFP-03Y-300**  
Y Purge Unit  
Up to 300 cu. ft.

**Type-Y Purge and Pressurization** – A Y-Type purge and pressurization system reduces the classification within the electrical enclosure used in a Class I, Division 1 (Groups A,B,C,D) and Class II, Division 1 (Groups F&G) hazardous environment from Division 1 to Division 2.

## Manufacturer of Z & Y Purge and Pressurization Systems



### A US Company

The AB-CO PURGE and Pressurization Systems provide the most cost-effective solution for placing non-classified and/or Division 2 equipment in Class I or Class II, Division 1 or Division 2 hazardous locations and extending the life of your equipment mounted in their respective electrical enclosures.

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.

### Benefits of AB-CO PURGE systems

- 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 contamination
- 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
- UL and FM versions available
- 1 Year Warranty
- Made in the USA



## Accessories *Designed to enhance the performance of your AB-CO PURGE unit*

*For detailed specifications please visit our website at: [ab-copurge.com](http://ab-copurge.com)*



**Model DP-1A Pressure Switch**  
Explosion Proof  
Diaphragm/Relay Type  
No supply voltage required



**Model DP-1B Pressure Switch**  
Explosion Proof & Flame Proof  
Internal Hall-Effect Sensor  
Input Voltage: 24 Vdc



**Model DP-1C Pressure Switch**  
Explosion Proof & Flame Proof  
Internal Hall-Effect Sensor  
Input Voltage: 120 Vac



**Model F-1  
Compressed Air Filter**  
1/4" F-NPT Port  
40 Micron Element



**Model AV-1BG  
Enclosure Vent**  
Suitable for up to  
15 cu. ft. volumes.  
Top or side mount.



**Model AV-2BG  
Enclosure Vent**  
Suitable for 15 cu. ft.  
to 300 cu. ft. volumes.  
Top or side mount.



## Why Choose AB-CO PURGE

AB-CO PURGE's fundamental principal of providing exceptional customer service is the primary driver that has supported the growth of our business. It's the reason customers rely on AB-CO PURGE for their Z-Purge and Y-Purge systems. A key component of our customer service consists of understanding your application, equipment, packaging, and hazardous location requirements.

In addition, our purge and pressurization systems provide the most cost-effective solution for placing non-classified and/or Division 2 equipment in Class I or Class II, Division 1 or Division 2 hazardous locations and extending the life of your equipment mounted in their respective electrical enclosures.

For 35 years AB-CO Purge has specialized in the manufacturing of Z and Y Purge and Pressurization Systems. Our company was founded on the fundamental principal of providing exceptional customer service and time-test, cost-effective, and proven solutions in the reduction of explosive risk. At the core of this fundamental principal is the need to fully understanding our customer's application, equipment, packaging, and hazardous location requirements.

AB-CO Purge and Pressurization Systems help ensure the safety of our customers' installations throughout the world by protecting a wide range of equipment used in hazardous location environments. Our customers represent a large cross section of industrial market sectors including, but not limited to, petrochemical, offshore, oil, gas, refineries, grain processing, metering and dispensing, propellant storage, and industrial manufacturing.

Our Purge and Pressurization Systems are certified to comply with NFPA 496 — 2017 (Standard for Purged and Pressurized Enclosures for Electrical Equipment). We look forward to providing you with easy-to-use and cost effective solutions to protect your equipment investments in hazardous locations.

### **Following are some of the reasons why customers choose AB-CO PURGE:**

- Exceptional customer service which focuses on understanding your requirements
- Over 35 years providing Z-Purge and Y-Purge systems to a broad range of industry sectors
- Quick delivery – Many models in inventory
- Cost effective
- Easy to install and easy to use
- Over-the-counter service and repair
- UL certified and FM approved to meet with NFPA 496
- Complimentary options to enhance each purge and pressurization system
- Customer-specific branding available



*Due to the nature of technology, changes are inevitable.  
For latest technical specifications, see our website.*



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**Main Office**  
320 Creekside Drive  
Amherst, NY 14228  
Tel: 716.500.ABCO  
Fax: 716.650.4063

**Field Service Office**  
4400 South Wayside Drive  
Houston, TX 77087  
Tel: 713.649.8004  
Fax: 713.649.8005