

VBS ADF-10



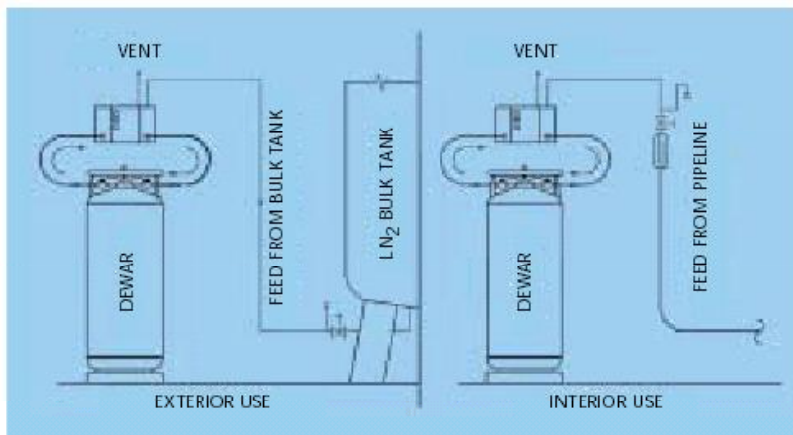
Automatic Dewar
Filling Station

ADF-10 AUTOMATIC DEWAR FILLING STATION

Save Dollars and Liquid Nitrogen!

Many companies are wasting costly LN₂ product and labor hours by manually filling liquid nitrogen dewars.

The VBS Industries' Automatic Dewar Filling Station eliminates these losses, automates the process, provides immediate cost savings and has been industry proven by its use with major liquid nitrogen gas suppliers worldwide.



Design Features

- Fully automatic operation with dual solenoid action eliminates the wait for pressure build-up in dewar.
- Fail-safe operation provided with solid state electronics, safety relief valves, dual solenoid valves and security key switch.
- New and exclusive Optical Detection System eliminates the need to make adjustments for variations in LN₂ temperatures due to pressure.
- Vent Interlock Option protects the system from filling operation when vent line hose is not connected.
- Other safety options available:
Max. fill timer and EMO switch.

Typical Problems Solved

- Overfilling: Loss of product out of the dewar vent because a technician is not present to close the liquid supply valve.
- Wasted labor: Idle technicians, waiting for dewars to fill, can be utilized more effectively.
- Insufficient Pressure: Waiting for dewars to build pressure after manually filling.

Technical Service

Technical support and after sales service are only a phone call away. Our engineers can provide you with a free cost analysis to determine the payback from automatic filling. If you are using too many dewars we can help you with more cost effective ways to deliver liquid nitrogen to your equipment.

Specifications and Ordering Information

Electrical Supply:	Single Phase/115 volts/3 Amps
Min./Max. Pressure:	15/125 psig
Dimensions:	21.5" x 12.25" x 7" deep
Solenoid Valves:	1/2" - 100% Duty Cycle
Shipping Weight:	40 pounds
Flex Hoses:	Available any length, noninsulated or vacuum insulated
Case:	Stainless steel, weather tight
Certification:	CE approved registration

Additional Information

For more information about VBS automatic dewar filling stations, vacuum insulated VBSFlex' hoses or other cryogenic hardware including vacuum insulated pipeline systems, please contact our technical sales department at:

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