Model 948A Pressure Vacuum Vent

NEW PRODUCT ANNOUNCEMENT

The 948A pressure vacuum vent is designed for installation on top of the vent pipe of an aboveground or underground storage tank. The poppets seal vapors in the tank when pressure is equalized. The vent allows the tank to "breathe" during filling and discharging operations.

WARNING

Normal vents such as pressure vacuum and updraft vents for aboveground storage tanks should be sized according to NFPA 30 (2008) 21.4.3.

Features

- Conserves vapors
- Durable construction
- Easily replaceable seals extend life expectancy
- Outlasts other brands by many years of service
- Operating temperature -40° F to 130° F
- Full 2-inch orifice for maximum flow rate
- Compatible with gasoline, ethanol (to E-85), biodiesel (to B-20)

Construction Details

- Body... Anodized aluminum
- Seals... Viton®
- Screens... Stainless steel
- Handle... Stainless steel
- Rainguard... Aluminum

Leak Rates & Settings

- Pressure leak rate: Less than 0.50 CFH @ 2.00" WC
- Vacuum leak rate: Less than 0.21 CFH @ 4.00: WC
- Opening pressure: 2.5" to 6.0" WC

Estimated Flow Rates

- 27,000 CFH @ 2.5 PSI
- 25,000 CFH @ 2.0 PSI
- 15,500 CFH @ 1.0 PSI

I.D. Number	Description	Weight (lbs)	List Price
948A--0200 AV	2" Pressure Vacuum Vent 2.5I-6I WC Pressure	7.70	$448

WARNING: DO NOT FILL OR UNLOAD FUEL FROM A STORAGE TANK UNLESS IT IS CERTAIN THAT THE TANK VENTS WILLOPERATE PROPERLY. Morrison tank vents are designed only for use on shop fabricated atmospheric tanks which have been built and tested in accordance with UL 142, NFPA 30 & 30A, and API 650 and in accordance with all applicable local, state, and federal laws. In normal operation, dust and debris can accumulate in vent openings and block air passages. Certain atmospheric conditions such as a sudden drop in temperature, below freezing temperatures, and freezing rain can cause moisture to enter the vent and freeze which can restrict internal movement of vent mechanisms and block air passages. All storage tank vent air passages must be completely free of restriction and all vent mechanisms must have free movement in order to insure proper operation. Any restriction of airflow can cause excessive pressure or vacuum to build up in the storage tank, which can result in structural damage to the tank, fuel spillage, property damage, fire, injury, and death. Monthly inspection, and immediate inspection during freezing conditions, by someone familiar with the proper operation of storage tank vents, is required to insure venting devices are functioning properly before filling or unloading a tank.

570 E. 7th Street, P.O. Box 238 | Dubuque, IA 52004-0238
t. 563.583.5701 | 800.553.4840 | f. 563.583.5028
www.morbros.com

MORRISON BROS. CO.