



MORRISON BROS. CO.

## Pressure/Vacuum Vents

Aluminum Body & Hood. Brass raised metal seats and poppets. Horizontal discharge can be assembled to relieve in any of three directions. **For Fuels Only - See 748ALT below for chemical tanks.**

748-A2

Part No.	Size	Capacity in Cu. Ft. Per Hour	Pressure	Vacuum
MB 748A2	2"	20,000 @ 2.5 PSI	2-oz.	1-oz.

**Note:** Vents are available with pressure rating up to 16 oz. When ordering vents indicate size, product used and above or underground tank.

## Pressure Vacuum Vent for Ag-Chemical

Used with aqua-ammonia and ag chemical products allowing tank to "breathe" during loading/unloading operations. Poppets seal vapors in the tank when pressure is equalized. Settings are approximate.

**Specifications:** Aluminum Body • Poppets are Teflon coated aluminum • Aluminum Cap • Stainless Steel Screens • 2" Size • Pressure is 5 oz./in.2 • Vacuum is 1 oz./in.2 • Venting Capacity (CFH @ 2.5 PSI) is 20,200 • Weight is 5-1/2 lbs. Other pressure springs available.



748ALT

MORRISON BROS. CO.  
Part No. MB 748ALT 2" Pressure/Vacuum Vent



749

## Pressure/Vacuum Vent

**Features:** Aluminum Body • Aluminum Press. Poppet • Brass Vacuum Poppet • Buna-N Seal • Brass Screen.  
**Note:** Pressure is 1/2 oz./sq. in. Also available in 12 oz. size.

Part No.	Size	Pressure Setting	Vacuum Setting
MB 749	2"	8-oz.	1/2-oz.

## Emergency Vents

**Features:** Aluminum Body - Female Threaded • Cast Iron Cover • Brass Seat Rings.

**Note:** For Relief of Pressure Only. Pressure settings are approximate. Pressure/Vacuum Vent should be used in conjunction with this vent. Pressure Rating of 8 Oz/in<sup>2</sup> Rated for Diesel, Not Rated for Gasoline - See 16 Oz/in<sup>2</sup> options for Gasoline.



244

Part No.	Size	Pressure
MB 244-4	4"	8-Oz/in <sup>2</sup>
MB 244-6	6"	8-Oz/in <sup>2</sup>

922

## 3" Combination Vent/Overfill Alarm

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**3" Fig. 922 Combination Pressure/Vacuum/Vent/Overfill Alarm** alerts you when your AST is near full. It also allows the tank to breathe during filling and dispensing operations. It is equipped with a high intensity, "whistle" alarm which can be set by adjusting the cable length to float height. It is fully mechanical, with no wires or batteries needed. Vacuum Setting: 1 oz./in<sup>2</sup>. Minimum Fill Rate: 20 GPM

Part No.	Description
MB 922-0300AA	Vent Alarm, 3", 8 oz. pressure
MB 922-0500AA	Vent Alarm, 3", 6 oz. pressure



272HO

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## Internal Emergency Valves

CONSTRUCTION DETAILS

Body: Brass Seat "O" Ring: Viton®  
Packing: Graphite and Asbestos Fuse Link: 212\*

Part No.	Line Side	Tank Side	WT.
MB 272HO-2x2	2" FPT	2" MPT	7 lbs.
MB 272HO-3x3	3" FPT	3" MPT	12 lbs.
MB 272HO-4x3	4" FPT	3" MPT	17 lbs.
MB 272HO-4x4	* 4" FPT	4" MPT	20 lbs.

\* This Item has a Ductile Iron Body - NOT BRASS.

## External Emergency Valves

CONSTRUCTION DETAILS

Body: Ductile Iron Cap: Ductile Iron  
Plunger: Ductile Iron Swing Arm: Ductile Iron  
Spring: Stainless Steel Packing: Teflon  
Seat: Steel Gasket: Asbestos  
Fuse Link: 160\*

346DI



Cold non-shock pressure limit of 200 P.S.I. W.O.G.

Part No.	Ports	Wt.
MB 346DI-1-1/2	1-1/2" FPT	3-3/4 lbs.
MB 346DI-2	2" FPT	7 lbs.
MB 346DI-3	3" FPT	15 lbs.

Designed to melt in case of fire and allow valve to close



## Fusible Links for Internal & External Emergency Valves

Part No.	Melt Temp.	Valve Type
MB 17-165	165°	Internal
MB 17-212	212°	Internal
MB 8-160	160°	External
MB 8-212	212°	External

184

## Double Tapered Bushings

Material: Cast Iron MORRISON BROS. CO.

Part No.	Threaded
MB 184-2x3/4	2x3/4x3/4
MB 184-2x1	2x1x1
MB 184-2x1-1/2	2x1-1/2x1-1/2
MB 184-3x1	3x1x1
MB 184-3x1-1/2	3x1-1/2x1-1/2
MB 184-4x1	4x1x1
MB 184-4x1-1/2	4x1-1/2x1-1/2
MB 184-4x2	4x2x2



## Farm Tank Emergency Valves

**Emergency Shut-Off Valves** include a fusible link which holds the plunger open under normal conditions. In event of fire, the links melt at 165° F. and release, closing the valve. Brass bodies. Buna O-ring & disc are standard (Viton® & Teflon available). **5 PSI Maximum Pressure for horizontal farm tanks only.**



474



574

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Part No.	Description	Body
MB 474	1" MPT x 1" FPT	45 Degree
MB 574	1" MPT x 1" MPT	Straight

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