



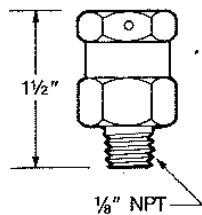
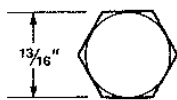
## Steam Specialties Vacuum Breakers

MARSHALL ENGINEERED PRODUCTS CO.

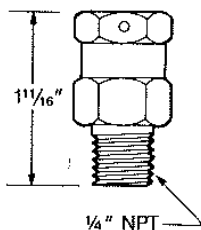
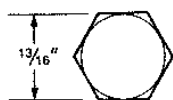
MEPCO Vacuum Breakers are simple and reliable devices that provide a positive means to automatically relieve or "break" unwanted vacuum conditions. The hex design provides a long service life and ease of installation. A tight seal is assured with a soft silicon O-Ring and spring pressure against the valve.

### Applications

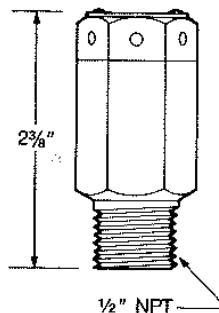
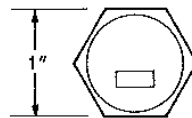
- Air/Heat Coils for Space Heating
- Process Air Heaters
- Shell & Tube Heat Exchangers
- Make-Up Air Coils
- Textile Dry Cans
- Steam Boilers
- Storage Boilers
- Jacketed Kettles
- Steam Main Zoning
- One Pipe Steam Non-Electric Valve



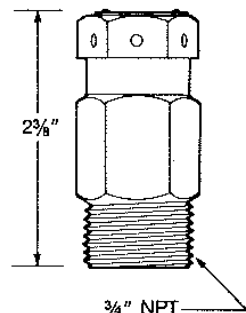
**VB 3901**



**VB 3902**

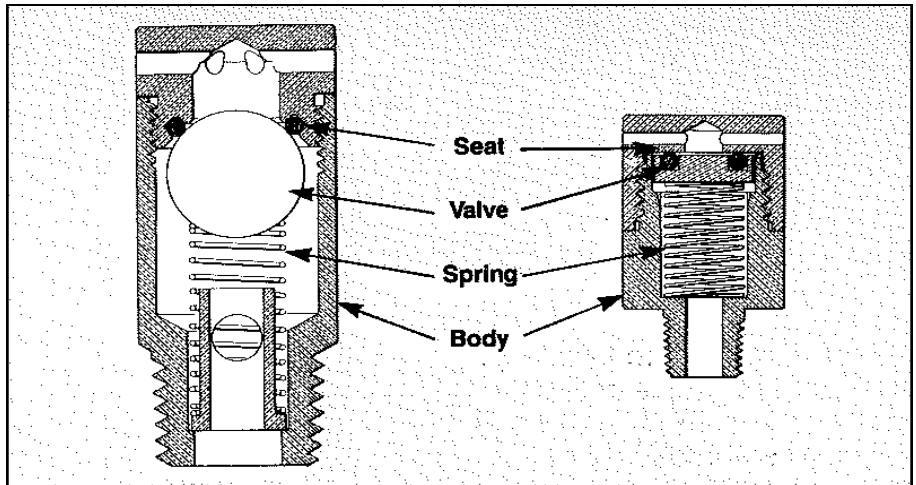


**VB 3856**



**VB 3875**

**Vacuum Breakers**  
**Engineering**  
**Specifications**

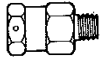





**Materials**

Model No.	Body	Spring	Valve	Seat
VB 3901	Brass	Stainless Steel	Brass and Silicon	Brass
VB 3902				
VB 3856	Brass	Stainless Steel	Stainless	Silicon
VB 3875				

Models are available in four NPT Pipe Sizes. They are 1/8", 1/4", 1/2" and 3/4", all of which are rated for pressures up to 125 PSIG (8.6 Bar), and temperatures to 350° F (180° C). Construction materials are listed in table.

**Vacuum**  
**Required**  
**To Open**  
(Inches of Mercury)

Model No.	Horizontal *	Vertical		
		 Bottom Outlet	 Top Outlet	 No Spring
VB 3901	1.27	1.25	1.75	0.2
VB 3902				
VB 3856	0.77	0.75	1.25	0.3
VB 3875				

**\*Note on installation:** The preferred method of installation is in the **vertical** position. Horizontal installation should be used only if no other option is available and only above the water line. Vacuum breakers should be placed at the highest practical point.

The table above lists the corresponding "break" points for the various models and positions. MEPCO can custom engineer customer requirements in applications that require other "break" points.

