



VACU-BREAK SERIES

VACUUM BREAKERS

Pressures To 125 PSIG (8.6 barg)
Temperatures to 350°F (177°C)

Prevent Potential Equipment Damage

Improve

System Efficiency — Allows proper system operation

Easy Installation

Maintenance Free

Useable on Steam or Liquid Systems

Cracking Pressure of 0.36 PSI

APPLICATIONS

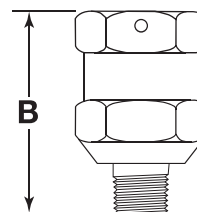
- Air Coils
- Heating Coils
- Heat Exchangers
- Condensate Lines
- Jacketed Kettles
- Steam Boilers
- Water Tanks
- Steam Mains

MATERIALS OF CONSTRUCTION

Body	Brass
Disc	Brass
Spring	304 SS
Seat	EPDM

Connections: 1/8", 1/2", 3/4"

NPT Size	A (in)	B (in)
1/8	13/16	1 1/16
1/2	13/16	2 1/16
3/4	1 1/16	2 3/16



OPERATION

A simple resilient disc with no linkage will lift off seat when vacuum begins to form and provide a quiet opening to prevent a build-up of vacuum through the addition of atmospheric air pressure.

Once the vacuum is relieved, the disc once again closes quietly to restore a tight shutoff. An internal spring prevents chatter during operation.