

Vacuum breaker No. 26



Designed for use on closed vessels and piping systems, Bell & Gossett's, Vacuum breaker No. 26 helps control induced vacuum and maintain safe operating conditions. Featuring an adjustable vacuum setting from $\frac{1}{4}$ - 20 inHg and factory-set at 2 inHg, it provides reliable vacuum protection across a range of applications.

How it works

Vacuum breaker No. 26 automatically protects closed steam, condensate, and hot-water systems from excessive vacuum conditions. During normal operation, a spring-loaded valve remains tightly closed, sealing the system. As steam condenses or equipment cools, internal pressure can drop below atmospheric pressure, creating a vacuum. When the vacuum reaches the valve's set point, atmospheric pressure overcomes the spring force and opens the valve, allowing air to enter the system. This equalizes pressure, prevents vacuum-related equipment damage, improves condensate drainage, and helps reduce water hammer. Once the pressure is restored, the spring automatically reseats the valve, returning the system to a sealed condition.

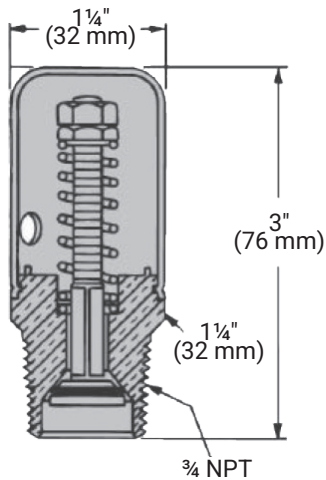


Product specifications

- **Model number:** 26
- **Part number:** #113075
- **Vacuum setting:** Adjustable from ¼ to 20 inHg (factory set at 2 inHg)
- **Shank:** ¾ NPT straight
- **Maximum operating temperature:** 366°F (186°C)
- **Maximum operating pressure:** 150 PSI (10.3 bar)

Dimensions

(All dimensions are in inches (millimeters). Do not use for construction purposes.)



Applications

Ideal for a wide range of HVAC commercial building applications including:



Airports



Education



Hospitals



Shopping centers



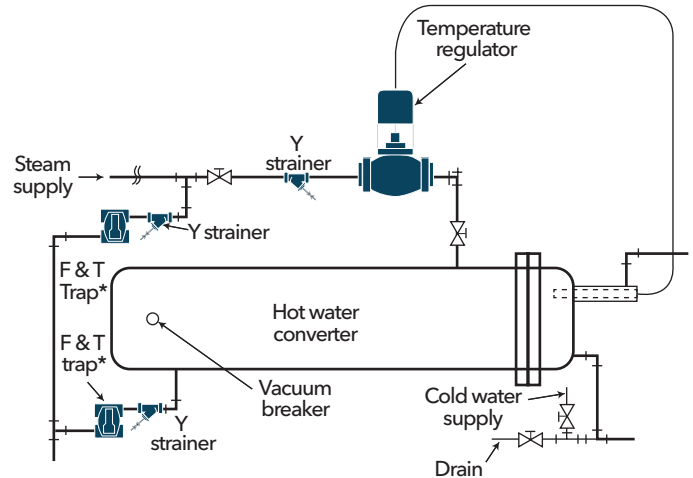
Office towers



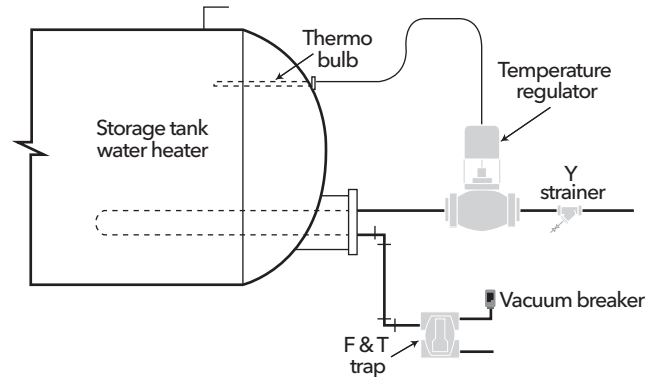
Sport arenas

Typical installations

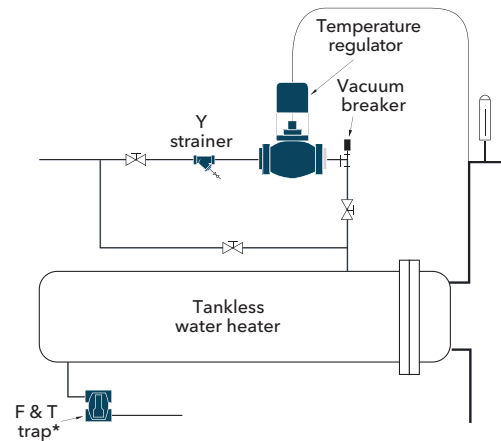
Hot water converter



Storage tank water heater



Tankless water heater



* F&T trap = Float and thermostatic steam trap

Xylem Inc.

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