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Hoffman Specialty® Series

Model 62 vacuum breakers

Designed for use on closed vessels and piping systems, Bell & Gossett's Hoffman Specialty Series, Model 62 vacuum breaker helps control induced vacuum and maintain safe operating conditions. Featuring an adjustable vacuum setting from ¼ - 20 inHg and factory-set at 2 inHg, it provides reliable vacuum protection across a range of applications.

How it works

The Model 62 vacuum breaker 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.

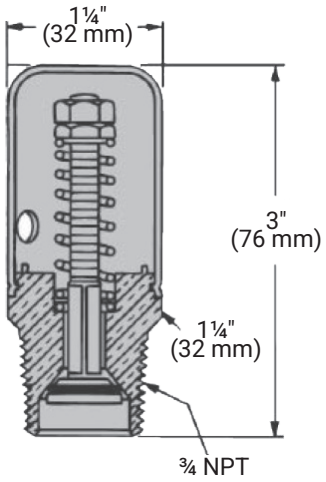
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Product specifications

- **Model number:** 62
- **Part number:** 401446
- **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.)



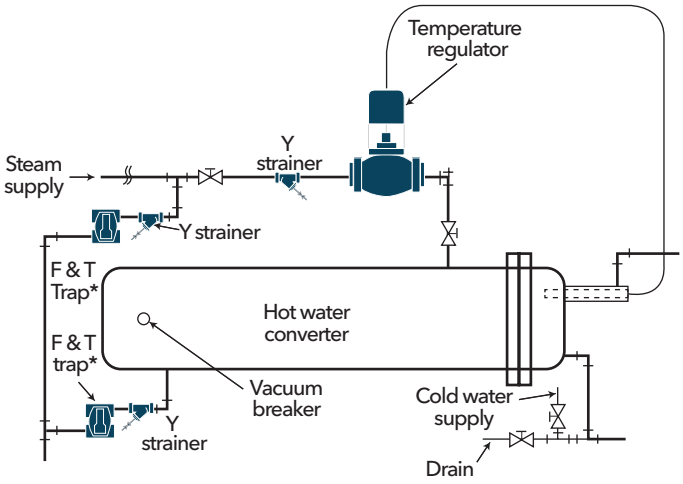
Applications

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

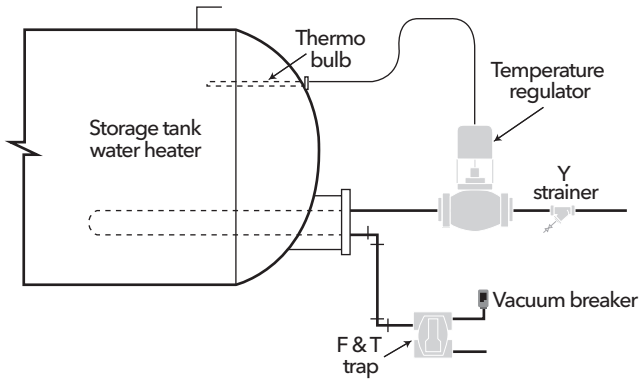


Typical installations

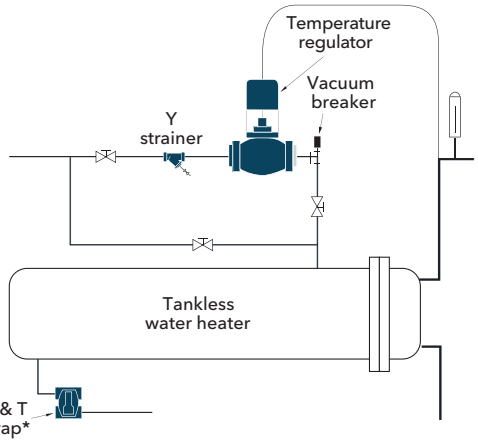
Hot water converter



Storage tank water heater



Tankless water heater



** F&T trap = Float and thermostatic steam trap*

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