

Installation, Operating & Maintenance Instructions

CVB Series Vacuum Breaker for Steam Systems

Introduction

The COLTON CVB Series vacuum breakers are designed to prevent a vacuum from being formed on a piece of steam equipment as a result of the supply steam flow being modulated, throttled or interrupted.

Warning:

Steam systems can be dangerous and safety precautions must be observed. Before working on steam equipment, make sure that the pressure has been released and the equipment has cooled.

Installation:

Vacuum breakers should be installed on the top of the steam pipe between the modulating or on/off control valve and the steam supply to the piece of equipment being protected.

The maximum steam pressure must not exceed the maximum operating pressure (PMO) shown on the nameplate of the selected vacuum breaker.

For ease of maintenance, a shut-off valve should be installed between the steam piping and the vacuum breaker inlet.

Maintenance:

When the vacuum breaker starts to leak, we generally recommend the purchase of a new unit since replacement cost is most often less expensive than the parts and labor necessary to repair.

