

Installation, Operating & Maintenance Instructions

CT100 & CT300 Series - Thermostatic Type Air Vent for Steam Systems

Introduction

The COLTON balanced pressure thermostatic air vent is designed to automatically vent air from steam mains and equipment.

Warning:

Piping systems can be dangerous - safety precautions must be observed. Before working on equipment, make sure that it has been isolated and the pressure has been released.

Installation:

The maximum differential pressure stamped on the nameplate must be greater than the maximum operating pressure of the system.

Install with the body in the upright position (as shown below) on a relatively short vertical inlet nipple.

Air vents should be installed at all high points of the system, at specified intervals along horizontal runs of pipe and at all indicated pieces of equipment. A shut-off valve should be installed on the inlet piping and we recommend that the outlet be piped to drain to avoid any potential damage that may be caused by eventual leakage or failure.

Maintenance:

The thermostatic element should be inspected periodically and all scale or deposits removed from the disc and seat.

Worn parts must be replaced.

