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Installation & Operating Instructions

Series CBM Bi-Metal Steam Traps

Introduction

The COLTON bi-metal steam trap is designed to automatically drain the condensate at a specific temperature from steam equipment, tracing lines and steam mains. *Factory temperature setting is 160 deg. F.*

Warning:

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

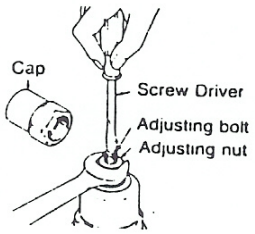
Installation:

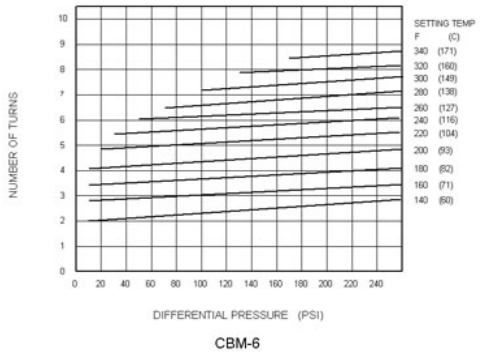
If the unit to be trapped does not have a sump or reservoir - a drip leg of 12 to 15 feet should be fitted before the inlet to your steam trap. Your trap should be installed in a horizontal and upright position below the drain point. Allow vertical clearance for service, pitch all horizontal lines in the direction of flow and *do not insulate the body of the steam trap or the 6 feet of pipe leading to it.*

All models (even those with an integral screen) should have a line strainer installed ahead of them and union fittings and shut-off valves should be installed on both sides of the trap for ease of testing and maintenance. A test and exhaust valve installed on the trap outlet can be used to relieve line pressure prior to servicing and allow you to visually check the trap for steam leaks during future inspections.

Field Setting of Discharge Temperature:

1. Remove the pressure cap and then remove the locknut while holding the adjusting stem with a screwdriver.
2. To obtain zero point, turn the adjusting stem clockwise until it stops.
3. From the adjustment chart below, determine the number of turns required to reach the desired temperature and turn the adjusting counter-clockwise.
4. Replace the locknut while holding the adjusting stem and then replace the pressure cap.





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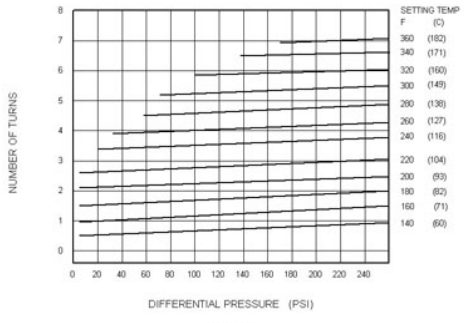

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