



## INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

### Series AVDT Drain Trap

#### **Introduction**

The COLTON float type drain trap is designed to automatically drain the condensate from compressed air equipment and mains.

#### **Warning:**

Compressed air systems can be dangerous - safety precautions must be observed. Before working on equipment, make sure that the pressure has been released.

#### **Installation:**

The maximum operating pressure (PMO) stamped on the nameplate must be greater than the maximum pressure differential across the selected drain trap.

All models should have a line strainer installed ahead of them and union fittings and shut-off valves should be installed on the drain trap inlet (and possibly outlet) piping for ease of testing and maintenance.

This series of float type drain trap must be installed with the body upright and in a short run of straight downward vertical piping (as shown below). If horizontal supply piping to the drain trap cannot be avoided, you should not use this model of drain trap. Our CFA series of float type drain traps would then be the acceptable selection.

#### **Maintenance:**

Accumulated dirt and sludge can be removed by 'blowing down' through the drain connection in the bottom of the trap body. The mechanism should be inspected periodically and all dirt removed from the working parts. Worn parts must be replaced.

