

November 2021

# Spence™ Drain Air

## Introduction

This installation sheet covers the installation and maintenance of Drain Air condensate remover.

## Product Description

The liquid drain trap shall be of thermodynamic design with screwed NPT connections. Effectively removes condensate from compressed air systems with minimum air loss and rapid shutoff. The internal mechanism shall be stainless steel with a nylon muffler.

## Specifications

**Maximum Temperature**  
220°F / 104°C

**Maximum Pressure**  
600 psig / 41.4 bar

## Installation



### WARNING

**Personal injury, property damage, equipment damage or leakage due to escaping steam or bursting of pressure containing parts may result if this equipment is over pressured or is installed where service conditions**

**could exceed the limits given in the specifications or where conditions exceed any ratings of the adjacent piping or piping connections. To avoid such injury or damage, provide pressure-relieving or pressure-limiting devices (as required by the appropriate code, regulation or standard) to prevent service conditions from exceeding those limits.**

1. Install Drain Air at lowest point of equipment or line in vertical position with outlet facing down. Arrow on body bottom shows flow line, see Figure 1 for typical installations.
2. Install muffler in Drain Air outlet, hand tight.

## Maintenance

Schedule a periodic cleaning of internal strainer screen. Dirt or sediment on disc or base of internal element will cause abnormal operation.

- Clean disc and base with a soft cloth and solvent. Do not wire brush or use any rough tools.
- When re-assembling, apply small amount of thread lubricant. Ensure to avoid seating surface of base when applying thread lubricant.
- Torque assembly to 40 ft-lbs / 54.2 N•m.

# Drain Air

## INSTALLATION

## CONNECTION AT TOP OF HEADER

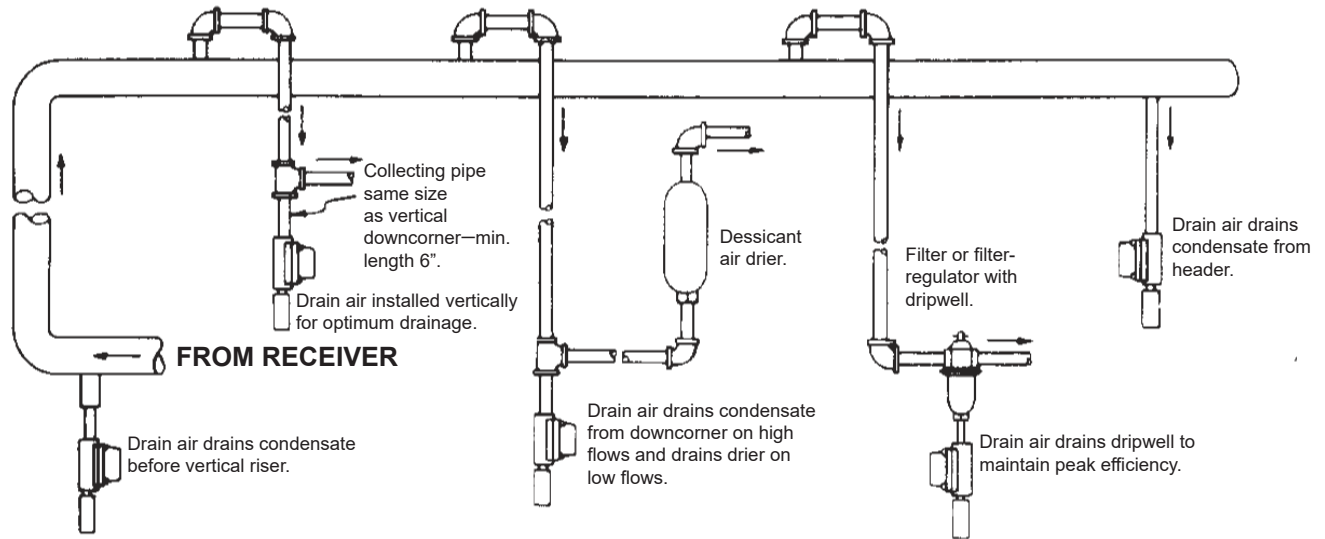


Figure 1. Typical Installations of Drain Air

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