

# Cleartrap Liquid Separator

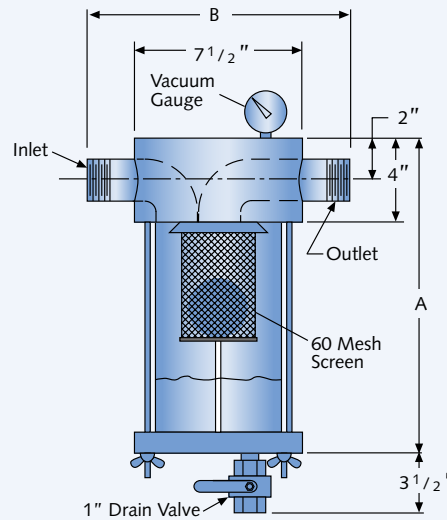
The Busch Cleartrap Liquid Separator is designed to help prevent liquid water (not water vapor) and large solids from entering a vacuum pump which could cause corrosion, premature wear or damage. Common applications include meat tumblers, beverage degassing, soil remediation and vacuum sewers. Air with liquids and large solids enters the top of the separator

and is directed downward into the plexiglass container. The air is then drawn up and exits through the filter screen leaving liquids in the bottom of the container and large solids on the screen. Trapped liquid should be drained when it reaches the marker on the separator. A plastic float ball located inside of the screen prevents liquid from being sucked into the vacuum pump by shutting off

flow if the liquid rises above its maximum operating level. The ball can be removed for applications that produce large air surges that could cause a nuisance shut-off. Wing nuts on the separator container allow easy disassembly for cleaning.



CLS 125



Dimensions	A	B	Pipe Connection	CFM
CLS 125	15 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> " NPT	100
CLS 200	15 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	2" NPT	250
CLS 300	16 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	3" NPT	500

All dimensions in inches unless otherwise noted.

## Features

- Clear plexiglass housing for easy viewing
- Water compatible materials
  - Plexiglass housing
  - Stainless steel pipe connections
  - Polyethylene endcaps
  - Brass drain valve
- Ball Float for emergency shut off
- 60 mesh (250 microns) screen
- Drain valve
- Vacuum gauge
- Options available

