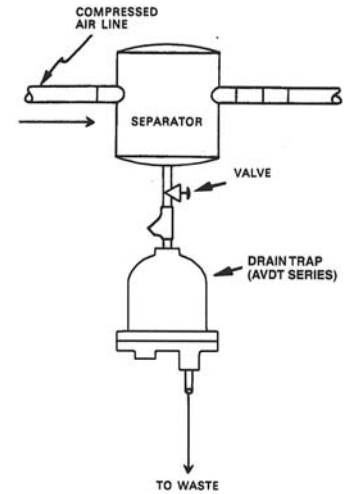
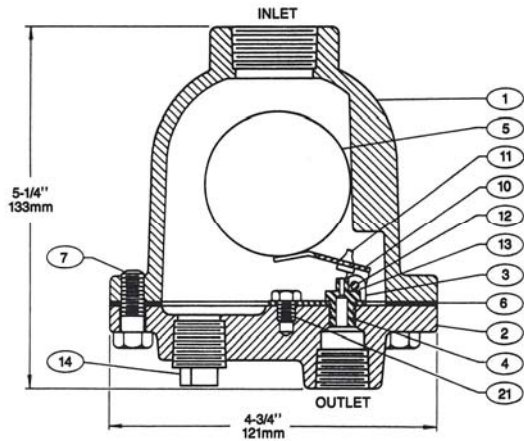


# DRAIN TRAPS FOR GASEOUS SYSTEMS – AVDT Series



## FEATURES

- Continuous discharge of liquids, with specific gravities greater than 0.7, allowing for full drainage of the gaseous system.
- The plugged 1/2" connection in the cover can be outfitted with a full bore ball valve to allow for manual by-pass or blow-down.

## RATINGS

PMO: (maximum operating pressure): See below chart  
 TMO: (maximum operating temperature): 250°F  
 (For higher operating temperatures, contact factory)

## CONNECTION SIZES

- Inlet: 1/2", 3/4" or 1" (3/4" is standard)
- Outlet: 1/2" only

## MATERIALS

Part	Description
(1) Body	Cast Iron – A126, Class B
(2) Cover	Cast Iron – A126, Class B
(3) Lever Frame	Stainless Steel, T304, A240
(4) Seat	Stainless Steel, T304, A240
(5) Float	Stainless Steel, T304, A240
(6) Gasket	Non Asbestos
(7) Cover Bolt	Carbon Steel – SAE Grade 5
(10) Float arm	Stainless Steel, T304, A240
(11) Orifice Button	Viton
(12) Pivot Pin	Stainless Steel, T303, A276
(13) Pin Retainer *	Stainless Steel, PH 15-7 MO
(14) Pipe Plug (1/2")	Malleable Iron
(21) Locator	Stainless Steel – T18-8, A276

## CAPACITY (Discharge to atmosphere) in pounds per hour of water

Model	Orifice		25 psi	50 psi	75 psi	100 psi	125 psi	150 psi	200 psi	250 psi	Weight	
	mm	in	172 kPa	345 kPa	517 kPa	690 kPa	862 kPa	1034 kPa	1379 kPa	172 kPa	kg	lbs
AVDT-150	1.6	1/16	585	620	655	690	725	760	—	—	2.5	5.5
AVDT-250	1.6	1/16	585	620	655	690	725	760	830	900	2.7	6.0

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.



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