

Morrison Bros. Co. Fig. 9095A-AV

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Pressurized Fill Overfill Prevention Valve for Aviation Systems

The 9095A AST Overfill Prevention Valve is installed at the fill port of a tank. Used in a pressurized tight fill application, the valve terminates flow of product when the liquid level reaches a preset warning level (90-95% full). The valve is installed on a standard N.P.T. male connection when used with the quick disconnect or female adaptor. When installed to manufacturers requirements the Overfill Prevention Valve can eliminate hazardous spills. ULC Listed.

The valve can be used in conjunction with the Morrison Fig. 518 and 515 lines of AST Spill Containers for added spill protection. All models are supplied with an adaptor to mount Morrison Fig. 419 aluminum drop tubes. A test mechanism is also sold separately for denoted models. The test mechanism allows a technician to pull on the test line at any time during the filling process to actuate the float and stop the fill. This allows a technician to verify the valve is working properly.

This Valve Complies With the Following Codes:

NFPA 30, 30A, UFC, IFC and PEI /RP2000, Florida EQ356, CARB VR-402A (some models)

Product Warnings and Cautions:

- 5 PSI & 5 GPM is the *minimum* flow requirement for valve operation at the following *maximum* viscosities (in centistokes): 2" Valve—150 3" Valve—60.
- Maximum flow rate of the 2" valve is 183 GPM at 10 PSI pressure drop. The 3" valve is 566 GPM at 10 PSI pressure drop.
- Once closed the valve will allow up to 1.5 GPM to pass through to relieve line pressure.
- A tight fill is required for the valve to operate. Do not substitute any other fill adaptors for the special adaptor supplied.
- The valve must be used with clean product. Debris from products such as contaminated waste oil may cause the valve to function improperly.
- Consult Morrison Bros. Co. for product compatibility with the valve.
- The 3" valve can be used w/6" Sch. 40 or 80 pipe.
- The 2" valve can only be used with Sch. 40 pipe.
- Not suitable for motor oil or other heavy oils.

Failure to follow any or all of the above warnings may render the valve non-functional and could result in a hazardous product spill, which may result in personal injury, property damage, fire, explosion or environmental contamination.

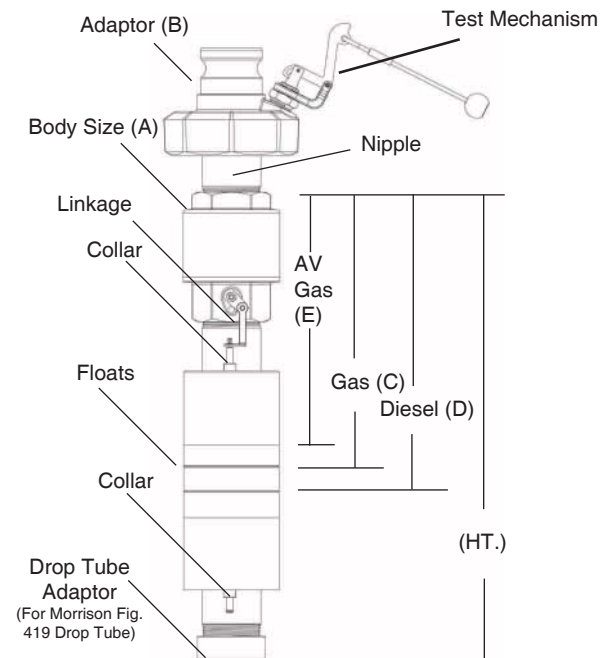


Fig. 9095A-AV

SPECIFICATION/DETAIL OPTIONS

- A**—Body Size: 2" N.P.T. (2"), 3" N.P.T. (3")
- B**—Adaptor :
 - (2B): 2" Male Dry Disconnect x 4" Female
 - (2S): 2" x 4" Standard 2" Male Disconnect x 4" Female
 - (2X): 2" Quick Disconnect Adaptor
 - (2D): 2" x 2" x 4" Female Ductile Iron Adaptor
 - (3S4): 3" x 4" Standard 3" Male Disconnect x 4" Female
 - (3S): 3" x 6" Standard 3" Male Disconnect x 6" Female
 - (3X): 3" Quick Disconnect Adaptor
 - (3D): 3" x 3" x 6" Female Ductile Iron Adaptor
 - (LA): Less Adaptor
- C**—Gasoline Shutoff Height From Top of Valve (Inches)
- D**—Diesel Shutoff Height From Top of Valve (Inches)
- E**—AV Gas Shutoff Height From Top of Valve
- F**—Test Mechanism Available: Yes (Y) or No (N)
- HT.**—Height: Dimension from base to top of valve (Inches)
- WT.**—Shipping Weight (lbs.)

Body: Anodized Aluminum
 Internal Components: Nickel Plated Brass
 Floats: Closed Cell Buna-N
 Linkage: Stainless Steel

Specification Options:

I.D. Number	A	B	C	D	E	F	HT.	WT.
9095A-AV0200 AV	2"	2S	11.25	12.25	9.5	Y	19.25	14.1
9095A-AV0300 AV	3"	3S	13.45	13.72	12.63	Y	19.5	29
9095A-AV0500 AV	2"	2X	11.25	12.25	9.5	N	19.25	12.5
9095A-AV0600 AV	3"	3X	13.45	13.72	12.63	N	19.56	26
9095A-AV3200 AV	2"	2D	11.25	12.25	9.5	Y	19.56	14.1
9095A-AV3200AVEVR	2"	2D	11.25	12.25	9.5	N	19.56	14.1
9095A-AV3300 AV	3"	3D	13.45	13.72	12.63	Y	19.56	38
9095A-AV3300AVEVR	3"	3D	13.45	13.72	12.63	N	19.56	38
9095A-AV4000 AV	2"	3S4	11.25	12.25	9.5	N	19.9	16.8
9095A-AV4200 AV	2"	3S	11.25	12.25	9.5	N	19.9	21.25
9095A-AV4200AVEVR	2"	3S	11.25	12.25	9.5	N	19.9	21.25
9095A-AV5200AVEVR	2"	2B	11.25	12.25	9.5	N	19.25	21.25
9095A-AV9200AVEVR	2"	LA	11.25	12.25	9.5	N	19.25	14.1
9095A-AV9300AVEVR	3"	LA	13.45	13.72	12.63	N	19.5	21.25

Notes:

- British threads available.

