

Model 9095SS Overfill Prevention Valve

SPECIFICATION SHEET

Application

The 9095SS overfill prevention valve is designed to prevent overfilling storage tanks by providing a positive shut-off during a pressurized fill. The valve installs on a 2" riser pipe at the fill port of a storage tank. The valve terminates the fill when the product reaches the preset level.

Features and Details

- The 9095SS has proven compatibility, durability and reliability through cycle testing in actual DEF transfer systems
- The valve has completed cycle testing and compatibility testing
- The valve materials meet the required specifications of ISO 22241-3 for handling DEF
- The wetted materials are Stainless Steel Alloys 304 and 316, Teflon and Polypropylene
- The valve design allows for a full flow fill until it closes. The dashpot design ensures a reduction of line shock at shut-off
- Designed for product **not** requiring a drop tube. Will not work with a drop tube
- A field adjustable float allows the installer to set the desired shut-off level. The vertical float allows for installation in openings close in proximity to the tank walls
- For ease of installation, the valve shut-off length is field adjustable from 2 to 96 inches depending on the model
- Contains a 2" female threaded connection to the tank
- Integral pressure relief
- A pressurized tight fill connection is required for operation

Product Warnings and Cautions

- The valve flow rate is 110 GPM at 10 PSI pressure drop (see flow curve)
- 5 PSI is the *minimum* flow requirement for valve operation
- The valve is compatible with fluids that have a density greater than 0.717 grams per ML/6.00 lbs per gallon and a maximum viscosity of 150 centistokes
- The valve must be used with clean product. Contamination from products such as used oil may cause the valve to function improperly. Line strainers or filters should be used in the fill piping or delivery vehicle to insure clean product
- Consult Morrison Bros. Co. for product compatibility

Materials of Construction

- Adaptor... Stainless steel (Part A or Part F)
- Body... Stainless steel
- Float... Polypropylene
- Plunger and dashpot... Stainless steel
- Float tube and float guard...Stainless steel
- Shut-off mechanism... Stainless steel



NOTE
For use on clean liquids only.

Code Compliance, Item Numbers, and Flow Chart on next page.



Code Compliance

Florida DEP EQ-858, NFPA 30, 30A, UFC, IFC, PEI/RP200, and PEI/RP 600

Size	Maximum Pressure	Maximum Viscosity
2"	100 PSI	150 Centistokes

Item Number	Description	Weight (lbs)
9095SS0200 AV	2" SS Overfill prevention valve, 2" to 16" with Part F male threads	8.20
9095SS0400 AV	2" SS Overfill prevention valve, 2" to 28" with Part F male threads	8.20
9095SS0600 AV	2" SS Overfill prevention valve, 2" to 76" with Part F male threads	8.20
9095SS2200 AV	2" SS Overfill prevention valve, 2" to 16" with Part A female threads	8.20
9095SS2400 AV	2" SS Overfill prevention valve, 2" to 28" with Part A female threads	8.20
9095SS2600 AV	2" SS Overfill prevention valve, 2" to 76" with Part A female threads	8.20
9095SS9200 AV	2" SS Overfill prevention valve, 2" to 16" without adaptor	7.50
9095SS9400 AV	2" SS Overfill prevention valve, 2" to 28" without adaptor	7.50
9095SS9600 AV	2" SS Overfill prevention valve, 2" to 76" without adaptor	7.50
9095SS9800 AV	2" SS Overfill prevention valve, 2" to 96" without adaptor	7.0

