

# Model 9095X 2" Overfill Prevention Valve

SPECIFICATION SHEET

## Application

The 9095X is a top-fill overfill prevention valve designed to prevent overfilling storage tanks by providing a positive shut-off during a pressurized fill.

## Features

- Fill adaptor and shut-off mechanism are factory-assembled for ease of field installation
- Straight female threaded adaptor facilitates valve installation to a precise set point
- Minimum shut-off height is 1" from the tank top
- Full flow to shut-off point, cushioned closure eliminates shock
- Drop tube adaptor accepts 2" drop fill tubes (Morrison 419)
- Integral pressure relief
- Integral anti-siphon function
- 305C--2000 cap included with 1100 and 2200 models

## Options

- Mechanical Test Mechanism
  - Verify the operation of the valve by activating the test mechanism at any time during the filling process
  - Available on all models

## Materials of Construction

- Direct fill adaptor...passivated aluminum
- Remote fill adaptor...powder coated ductile iron & stainless steel
- Shaft, linkage and hardware...stainless steel
- Lower pipe nipple...e-coated steel
- Body... passivated aluminum
- Drop tube adaptor... passivated aluminum

## Operational Criteria

- Minimum 5 PSI flow requirements
- Maximum operating pressure is 100 PSI
- Maximum viscosity of 3000 centistokes. See examples →
- A tight fill connection is required for the valve to operate
- The estimated flow rate is 230 GPM at 10 PSI pressure drop (See flow curve on next page)

## Code Compliance

ULC-S661-10 listed, NFPA 30, 30A, UFC, IFC, PEI/RP 200, PEI/RP 600, Florida DEP EQ-858, and California EVR models available



**RECENTLY TESTED AND APPROVED FOR FLUIDS WITH VISCOSITIES UP TO 3000 centistokes**

**NOTE**  
For use on clean liquids only.

### EXAMPLES OF OIL & MINIMUM TEMPERATURE FOR USE WITH 9095X

Oil Type	Temp (°F)	CentiStokes (cSt)
15W-40	28	2720
10W-40	25	2800
10W-60	28	2850
5W-40	25	2750
0W-30	15	2900
SAE 30	28	2950

Item Number	Inlet Size	Tank Connection Size	Drop Tube	Fill Connection	Cap Included	Test Mechanism Available	Application	Weight (lbs)
9095X-1100 AV	2"	4"	No	Direct fill	Y	Y	Generator base tanks with integrated spill container	6.50
9095X-6100 AV	2"	4"	No	Remote fill	N	Y	Generator base tanks with integrated spill container	8.00
9095X-2200 AV	2"	4"	Yes	Direct fill	Y	Y	Low profile tanks; integrated spill container	15.00
9095X-6200AVEVR	2"	4"	Yes	Remote fill	N	Y	Low profile tanks; integrated spill container	10.50
9095X-2800 AV	2"	4"	Yes	Direct fill	N	Y	General purpose and aviation	14.80
9095X-6800AVEVR	2"	4"	Yes	Remote fill	N	Y	General purpose and aviation	15.00
9095ATM1000 AK	Test mechanism for 9095X series							

