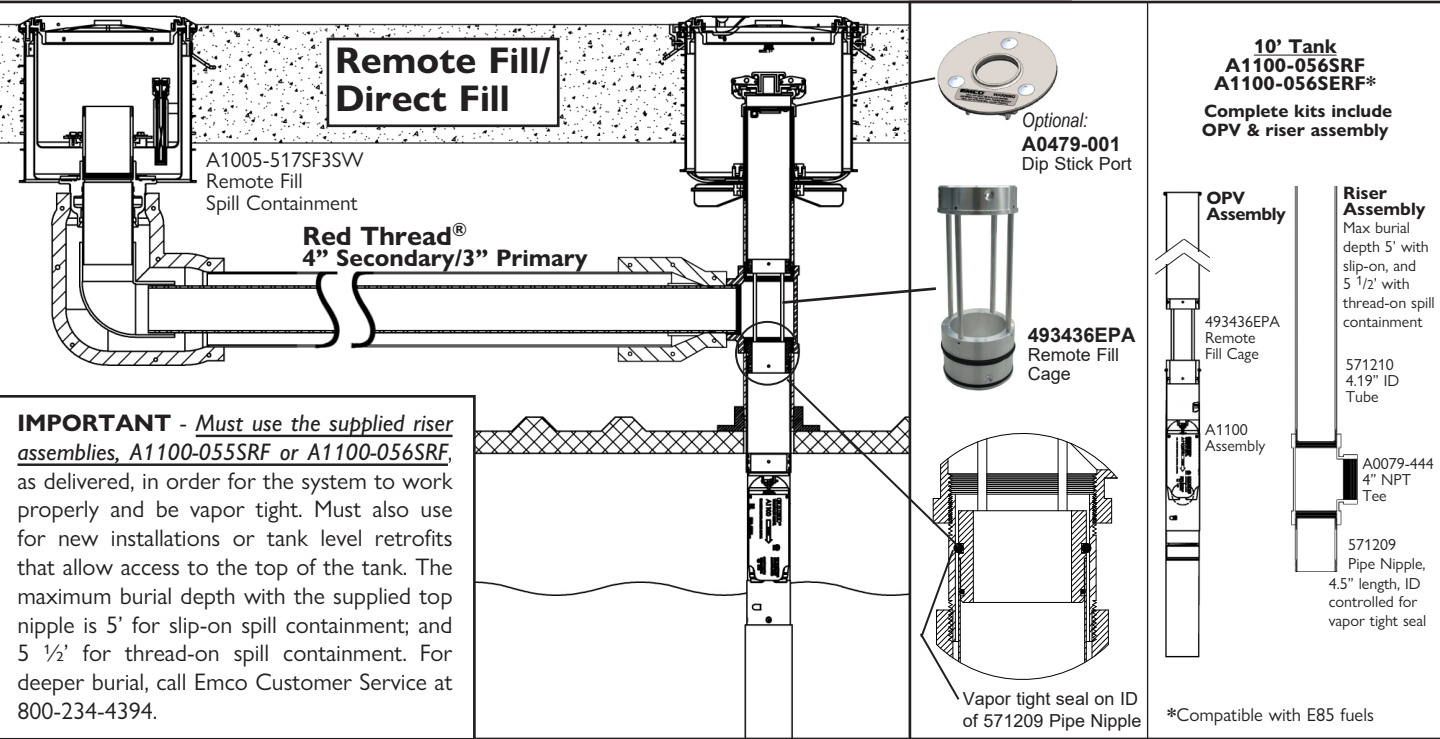
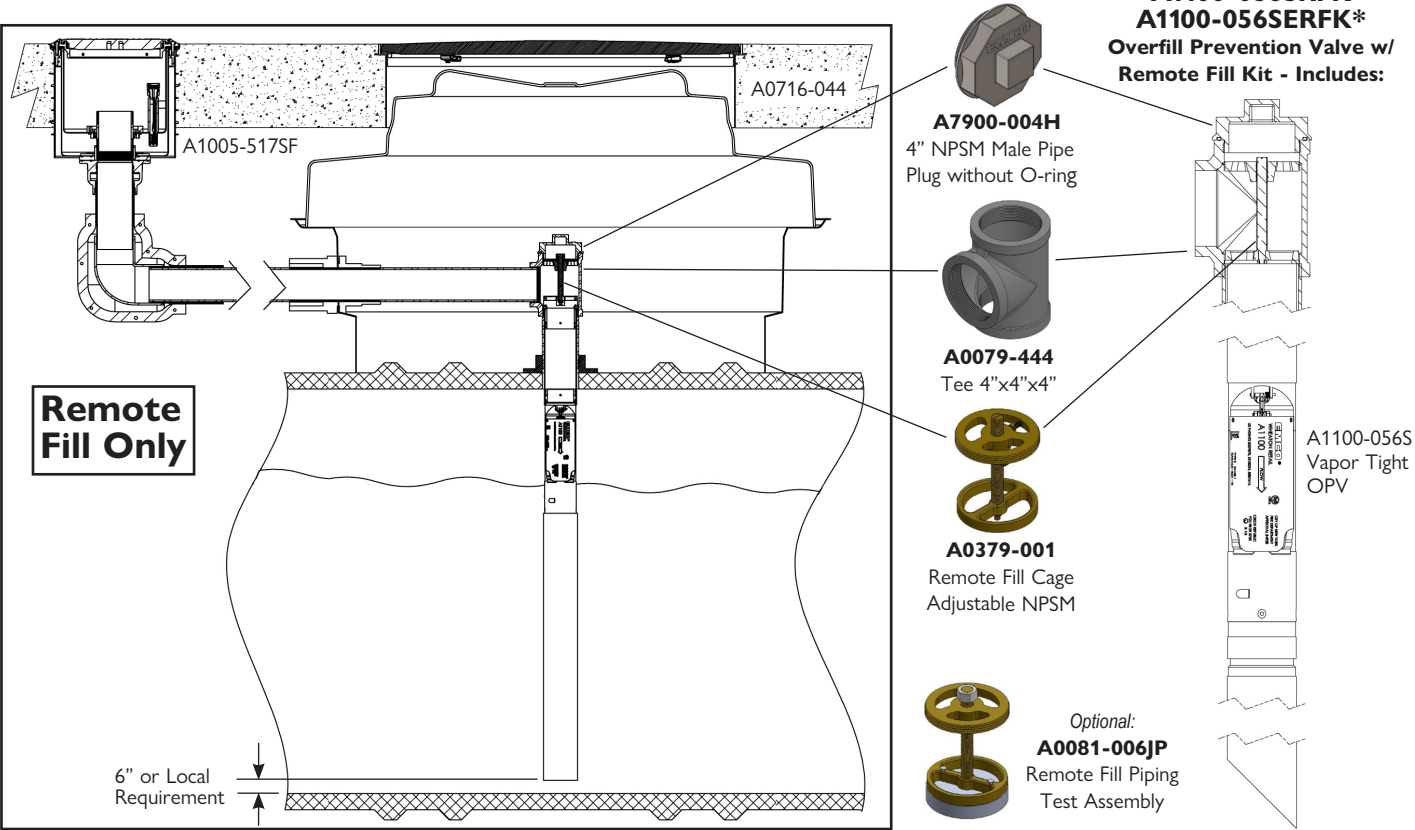


REMOTE FILL APPLICATIONS

The remote fill variants are designed for new or tank level retrofit applications in an 8' or 10' tank buried 46" - 54" from the top of the tank to grade. Tank top access is required. If the tank burial depth is less than 46" or greater than 54", alternate or additional equipment will be required. For additional applications and installation instructions, call Customer Service, 800-234-4394.



EMCO®

A1100 OVERFILL PREVENTION VALVE

FACTORY WELDED ASSEMBLIES

EVR, E85, AND B100 VERSIONS AVAILABLE



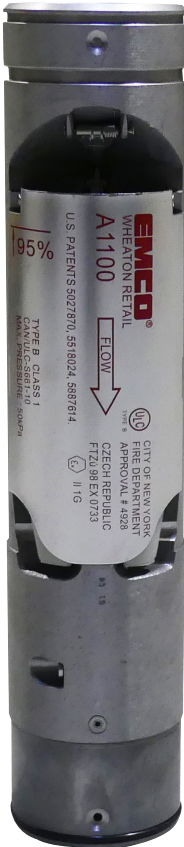
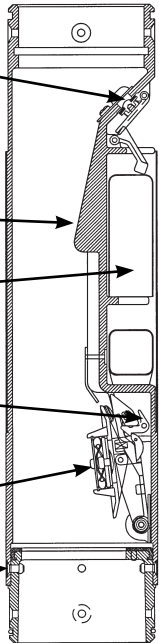
BEST QUALITY • BEST FLOW • BEST PRICE

EMCO®

A1100 GUARDIAN OVERFILL PREVENTION SYSTEM

The Emco Wheaton A1100 is a two stage overfill prevention valve for use in both dual point and coaxial drop tubes, gravity feed systems. Easily installs in a new or existing drop tube assembly for economical compliance with EPA regulations. Internal float design to eliminate any chance of the floats getting caught on tank walls or the riser pipe as well as to prevent float damage during installation. Stick diverter and automatic spring loaded poppet retract from the flow path when the valve is not in operation, allowing for stick gauging at any tank level. Compatible with all standard fuels. Special variants are available for most bulk chemical applications.

- **Drain Bleed Valve** for hose drainage, reduces unnecessary delays. Spring loaded and includes soft seat for positive seal
- **Protective Retainer** over floats for protection during installation, shipping and operation
- **Cast-in Dip Stick Diverters** permit stick gauging at any tank level without damage to internal parts
- **Vertical Slide Float Design** for protection during installation
- **Auto Relatch** prevents premature shut-off
- **Integrated Body Design** suitable for both dual point and coaxial drop tubes - one valve for all applications
- **Shock Relief Valve** incorporated to reduce line shock
- **Viton® O-Rings** at base of valve seals drop tube to valve to protect against leakage



Specifications:
Weight: 5.2 lbs.
Diameter: 3.76"
Length: 18.0"

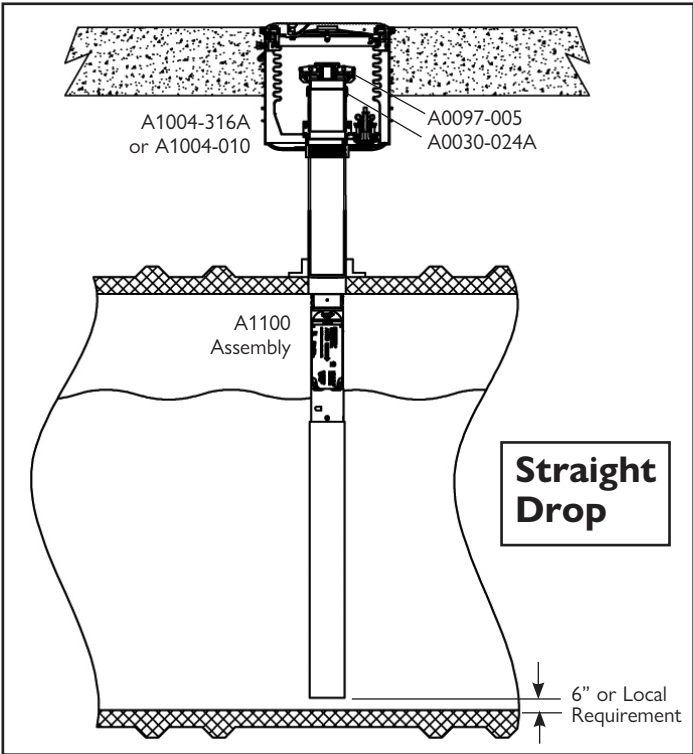
Material:
Body: Aluminum
Floats: HDPE
Seals: Viton®

Viton® is a registered trademark of The Chemours Company

Approvals:
UL 2583 Listed (MH21164)
UL 2583B Listed
Florida DEP EQ-414
CARB Executive Order VR-105*
EPA 40 CFR Part 63 Compliant



| Part No. | Description |
|----------|---------------------------------------|
| 566675 | Drill Fixture, Steel |
| 571814 | Drill Fixture, Remote Fill Assemblies |
| 572719 | Drill Fixture, Plastic |



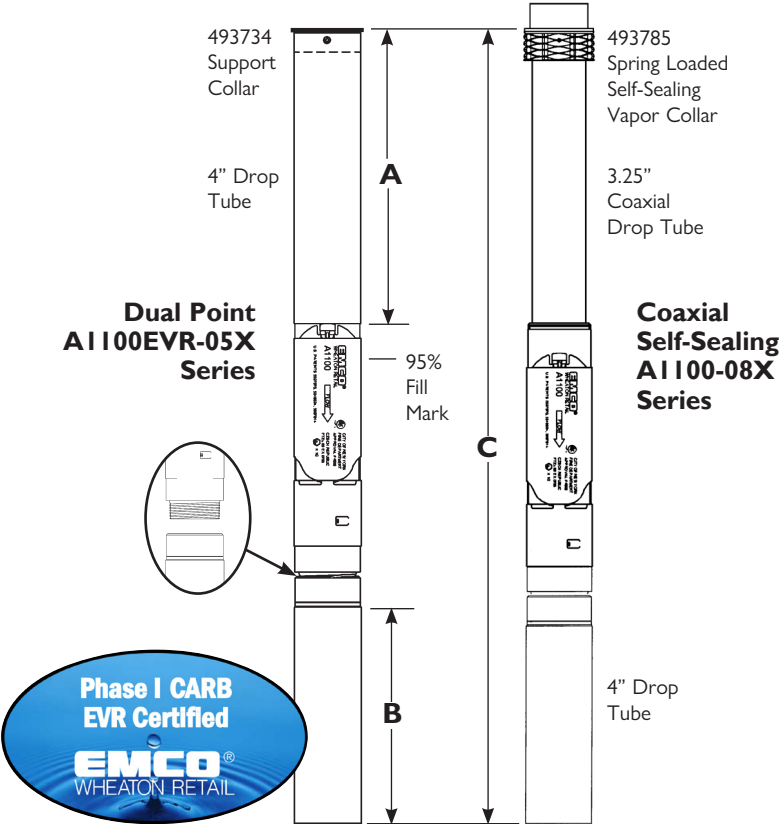
For remote fill applications, refer to table at right; drawings on back page.

Emco A1100 Overfill Prevention Assemblies are factory welded; bottom tube screws to top tube/valve assembly. No Epoxy

The A1100EVR dual point and A1100-08X series coaxial assemblies are vapor tight, meet the EPA 40 CFR Part 63 requirements, and will pass the Pressure Decay Test (CARB TP201).
Note: The A1100-08X Coaxial Series must be used with the Emco A0089-001 Fill Adapter.

All standard A1100 variants are acceptable for use with up to E85 ethanol blend gasoline and B100 biodiesel blends. Emco “E” variant OPV’s are recommended when working with high percentage ethanol (E85) or biodiesel (B100) fuels.

The “CF” variants listed below incorporate an anodized top tube to prevent corrosion build-up between tube and riser pipe. The tube is champagne color for easy identification.



| Model No. | Description | Upper Length A | Lower Length B | Overall Length C | Max. Burial Depth | Nominal Tank Dia. | Lbs. |
|-------------------|--|----------------|----------------|------------------|-------------------|-------------------|------|
| A1100-010 | Valve Only E85/B100 | N/A | N/A | N/A | N/A | N/A | 5.2 |
| A1100-011 | Valve Only Remote Fill Export | N/A | N/A | N/A | N/A | N/A | 5.0 |
| A1100-054S | Remote Fill Export | 47" | 99" | 161" | N/A | N/A | 28.5 |
| A1100-054SC | Remote Fill w/Cage BSPT Export | 47" | 99" | 161" | N/A | N/A | 27.9 |
| A1100-054SCN | Remote Fill w/Cage NPT | 47" | 99" | 161" | N/A | N/A | 25.0 |
| * A1100-056SERF | Remote Fill Assembly and Kit, E85/B100 | 82" | 94" | 199" | 4.0' | 10' | 66.5 |
| * A1100-056SRF | Remote Fill Assembly and Kit | 82" | 94" | 199" | 4.0' | 10' | 66.5 |
| A1100-056SERFK | Remote Fill Kit, Sump, E85/B100 | 82" | 94" | 191" | -- | 10' | 40.7 |
| A1100-056SRFK | Remote Fill Kit, Sump | 82" | 94" | 191" | -- | 10' | 40.7 |
| A1100-053S | Dual Pt Screw Together | 58" | 49" | 122" | 5.0' | 6.5' | 22.1 |
| ** A1100EVR-055 | Dual Pt Screw Together | 70" | 82" | 167" | 6.0' | 8' | 25.2 |
| ** A1100EVR-056 | Dual Pt Screw Together | 82" | 94" | 191" | 7.0' | 10' | 27.2 |
| ** A1100EVR-056CF | Dual Pt Screw Together; Anodized Top Tube | 82" | 94" | 191" | 7.0' | 10' | 27.2 |
| ** A1100EVR-057 | Dual Pt Screw Together | 82" | 120" | 217" | 6.8' | 12' | 30.3 |
| A1100EVR-057E | Dual Pt Screw Together E85/B100 | 82" | 120" | 217" | 6.8' | 12' | 30.5 |
| ** A1100EVR-058 | Dual Pt Screw Together | 120" | 120" | 255" | 10.0' | 12' | 31.0 |
| ** A1100EVR-058CF | Dual Pt Screw Together; Anodized Top Tube | 120" | 120" | 255" | 10.0' | 12' | 31.0 |
| *** A1100-065S | Coaxial Screw Together Non-EPA CFR 40 | 65" | 82" | 162" | 5.6' | 8' | 21.9 |
| *** A1100-066S | Coaxial Screw Together Non-EPA CFR 40 | 65" | 94" | 174" | 5.5' | 10' | 24.7 |
| *** A1100-067S | Coaxial Screw Together Non-EPA CFR 40 | 65" | 120" | 200" | 5.3' | 12' | 22.5 |
| *** A1100-085S | Coaxial Self-Sealing Screw Together | 65" | 82" | 162" | 5.4' | 8' | 23.0 |
| *** A1100-086S | Coaxial Self-Sealing Screw Together | 65" | 94" | 174" | 5.3' | 10' | 26.3 |
| *** A1100-087S | Coaxial Self-Sealing Screw Together | 65" | 120" | 200" | 5.1' | 12' | 28.0 |
| *** A1100-087E | Coaxial Self-Sealing Screw Together E85/B100 | 65" | 120" | 200" | 5.1' | 12' | 28.0 |

The A1100 Overfill Prevention Valve is not recommended for tanks under 6.5' in diameter.

Maximum burial depth assumes 95% shut-off and 6" clearance between top of drop tube and inside bottom of containment manhole lid.

OPV systems can be ordered as a package with a fill cap and fill adapter. Contact Customer Service for ordering information. Custom lengths available.

* **SRF variants are designed for precise burial depth of 46"-54"; tank top access required.** For additional applications and installation instructions, call Customer Service at 800-234-4394.

** Phase I EVR E.O. VR-105

*** A1100 Coaxial variants are not compatible with the Emco 494096 Riser Seal.