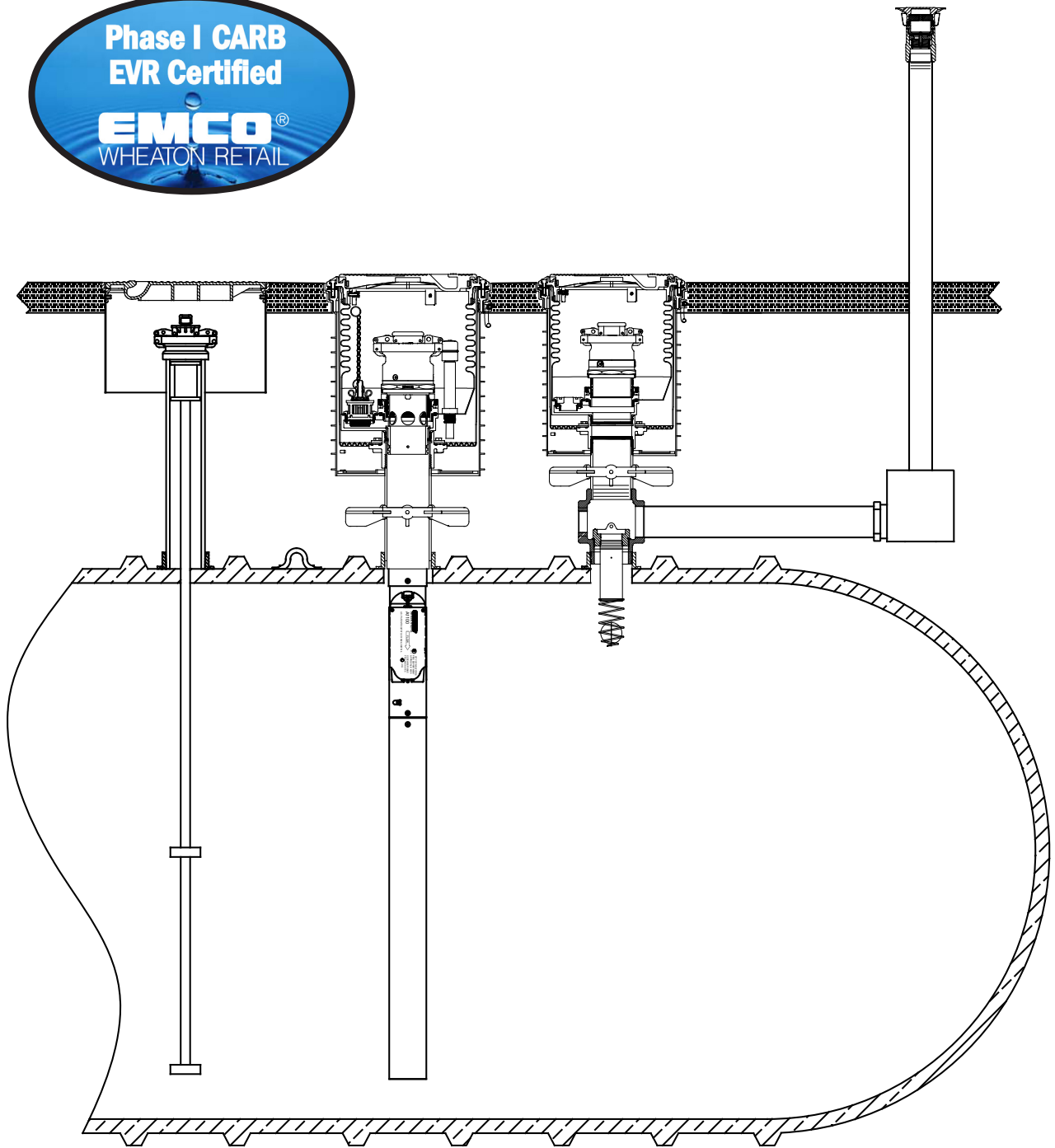


**EMCO**®

**Direct Bury Phase I EVR System  
Executive Order VR-105**



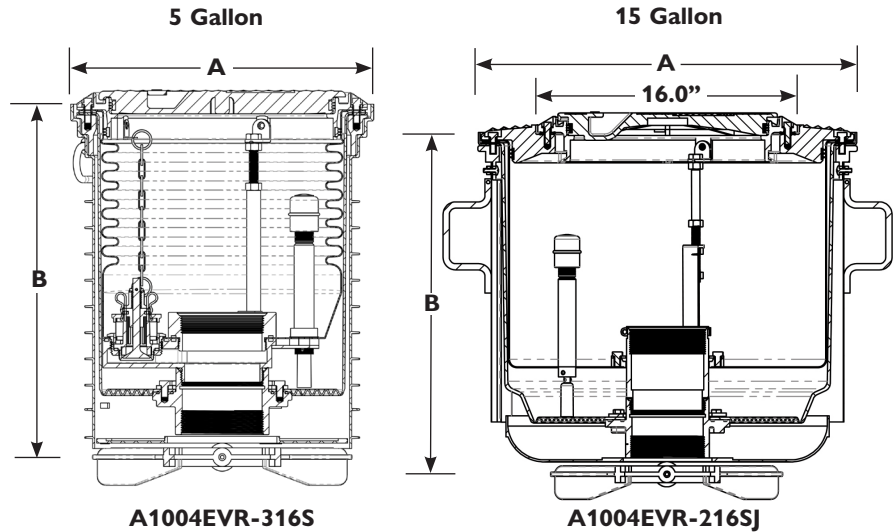
**Affordable • Watertight • Serviceable • Compliant**



## Field Replaceable

### Guide Specification:

- Nominal spill container capacity of 5 or 15 US gallons
- Cast iron spill container base w/ 4-inch NPT thread connection  
**Requires no face seal adapter**
- Powder coated, heavy duty, cast iron lid and ductile iron plow ring, exceeds DOT H-20 loading  
**Optional lid in composite material**
- Lid w/ triple wiper seal
- Replaceable from grade level HDPE primary and secondary bellows
- Drain valve w/ filter option
- EZ-Gage or float sensor option for interstitial monitoring of secondary containment
- HDPE or galvanized gravel guard
- HDPE gravel pan

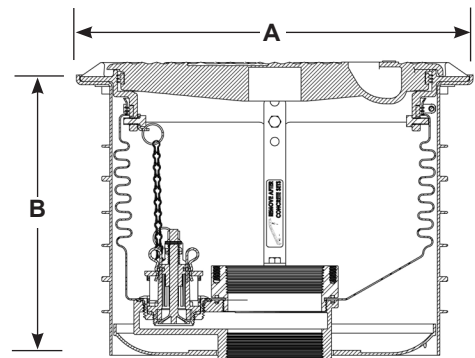


Model No.	Description	Width Dia. A	Installed Ht. B	Lid Dia.	Lid Wt.	Total Wt.	Drain Type
A1004EVR-316A	SW, 5 gal, 16" center	16.0"	15.0"	13.2"	15.9 lbs.	66.0 lbs.	Drain Valve
A1004EVR-317A	SW, 5 gal, 16" center	16.0"	15.0"	13.2"	15.9 lbs.	63.0 lbs.	Drain Plug
A1004EVR-317AS	SW, 5 gal, 16" center SST Prmy; Poly Secondary	16.0"	15.0"	13.2"	15.9 lbs.	63.0 lbs.	None
A1004EVR-216A	SW, 15 gal, SST	22.6"	18.9"	13.2"	15.9 lbs.	126.0 lbs.	None
A1004EVR-316S	DW, 5 gal, 16" center	16.0"	17.1"	13.2"	15.9 lbs.	84.0 lbs.	Drain Valve
A1004EVR-317S	DW, 5 gal, 16" center	16.0"	17.1"	13.2"	15.9 lbs.	79.9 lbs.	None
A1004EVR-317SS	DW, 5 gal, 16" center SST Prmy; Poly Secondary	16.0"	17.1"	13.2"	15.9 lbs.	79.9 lbs.	None
A1004EVR-216SJ	DW, 15 gal, SST Primary, Poly Secondary	22.6"	19.0"	13.2"	15.9 lbs.	151.0 lbs.	None

## Field Non-Replaceable

### Guide Specification:

- Nominal spill container capacity of 5 US gallons
- Cast iron spill container base w/ 4-inch NPT thread connection  
**Requires no face seal adapter**
- Powder coated, heavy duty, cast iron lid and ductile iron plow ring, exceeds DOT H-20 loading  
**Optional lid in composite material**
- Lid w/ triple wiper seal
- Non-replaceable from grade level HDPE primary bellows
- Drain valve w/ filter or plug option
- HDPE gravel guard
- HDPE gravel pan



Model No.	Description	Width Dia. A	Installed Ht. B	Lid Dia.	Lid Wt.	Total Wt.	Drain Type
A1004EVR-010	Slimline, SW, 5 gal	17.6"	13.6"	15.3"	20.0 lbs.	58.5 lbs.	Drain Valve
A1004EVR-011	Slimline, SW, 5 gal	17.6"	13.6"	15.3"	20.0 lbs.	57.9 lbs.	Drain Plug



# A1100EVR Overfill Prevention Valve



## Guide Specification:

- 1 Upper drop tube to valve body factory welded  
**Optional:** Upper drop tube and collar factory anodized to prevent corrosion
  - 2 Bleed valve drains fuel delivery hose after 95% shut-off
  - 3 Diverter fins protect flapper valve during routine "tank stick" gauging
  - 4 Top and bottom floats contained in protective sleeve to insure damage-free installation and removal from tank fill riser
  - 5 Die cast aluminum valve body design provides the highest delivery flow rate
  - 6 Spring loaded reset function opens flapper valve and allows for immediate "tank stick" gauging
  - 7 Flapper valve provides positive fuel shut-off at 95% total storage tank capacity
  - 8 External field test port allows for manual routine testing of flapper valve
  - 9 Valve body to male coupling factory welded
  - 10 Female coupling to lower drop tube factory welded
- All materials and seals are compatible with up to E25 ethanol blend gasoline and B20 biodiesel blends
  - 100% factory tested for operability and vapor tightness integrity
  - For underground storage tanks less than 6.5' in diameter, please consult your local EMCO Factory Representative



Model No.	Anodized Model No.	Overall Length	Maximum Burial Depth	Nominal Tank Diameter	Weight
A1100EVR-055	A1100EVR-055CF	14.0 ft.	6.0 ft.	8 ft.	25.2 lbs.
A1100EVR-056	A1100EVR-056CF	16.0 ft.	7.0 ft.	10 ft.	27.2 lbs.
A1100EVR-057	A1100EVR-057CF	18.2 ft.	6.8 ft.	12 ft.	30.3 lbs.
A1100EVR-058	A1100EVR-058CF	21.7 ft.	10.0 ft.	12 ft.	31.0 lbs.



**A0020EVR**  
Rolled Edge Collar



**A0020EVR**  
Heavy Duty Collar

# A0020EVR Straight Drop Tube

## Guide Specification:

- 4-inch diameter aluminum construction
- Available standard rolled edge or heavy duty collar
- Installs on a typical 4-inch tank fill riser

Model No.	Model No.	Overall Length
A0020EVR-004	A0020EVR-004	12'
A0020EVR-005	A0020EVR-005	15'
A0020EVR-007	A0020EVR-007	17'
A0020EVR-008	A0020EVR-008	14'



**A0097-005**  
Fill Adapter Cap



**A0099-002**  
Vapor Adapter Cap



**A0097-010**  
ATG Probe  
Adapter Cap



**A0097-004LP**  
Low Profile  
Fill Adapter Cap



**A0099-004LP**  
Low Profile  
Vapor Adapter Cap



**A0030-124S**  
Swivel Fill Adapter



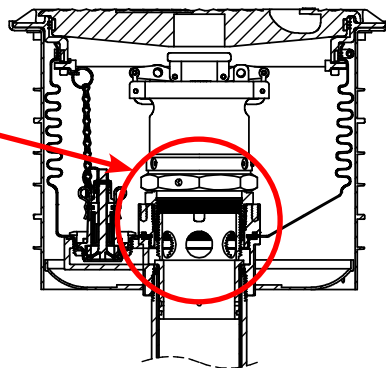
**A0076-124S**  
Swivel Vapor Adapter



**A0030-014**  
ATG Probe Adapter



**494096 Riser Seal**



**Guide Specification:**

- Top-seal cam and groove design for vapor tightness integrity
- Aluminum body powder coated orange or gray for field identification
- Lockable toggle action aluminum handle with self-aligning cams
- The Model A0099-003 includes a 12-inch chain to prevent theft
- The Model A0097-010 includes cord grip for use with ATG probes
- **A0097-010A includes ATG probe cap and adapter**

**Guide Specification:**

- A 360 degree rotation prevents accidental loosening from 4-inch tank fill or vapor riser
- Brass construction cam and groove design for use with top-seal caps for vapor tightness integrity
- Flat gasket with 4-inch NPSM thread connection
- The Model A0076-124S available with a normally closed poppet
- The Model A0030-014 is non-swivel for use with ATG probes
- Allows for complete field serviceability should the swivel adapter fail CARB static torque TP-201.B, leak tightness integrity tests TP-201.D or TP-201.3

**Guide Specification:**

- Lowers the top of the drop tube collar below the spill containment drain valve path
- Two-piece stainless steel construction



**A0075**  
Ball Float



**A0079 Extractor**  
Cross Fitting



**A0079 Extractor**  
Tee Fitting



**A0179**  
Extractor Cage



**A0279 Extractor**  
Test Plug