EMCO
WHEATON RETAIL

Multi-Port Phase I EVR System
Executive Order VR-105

Phase I CARB
EVR Certified
EMCO®
WHEATON RETAIL



Affordable • Watertight • Serviceable • Compliant

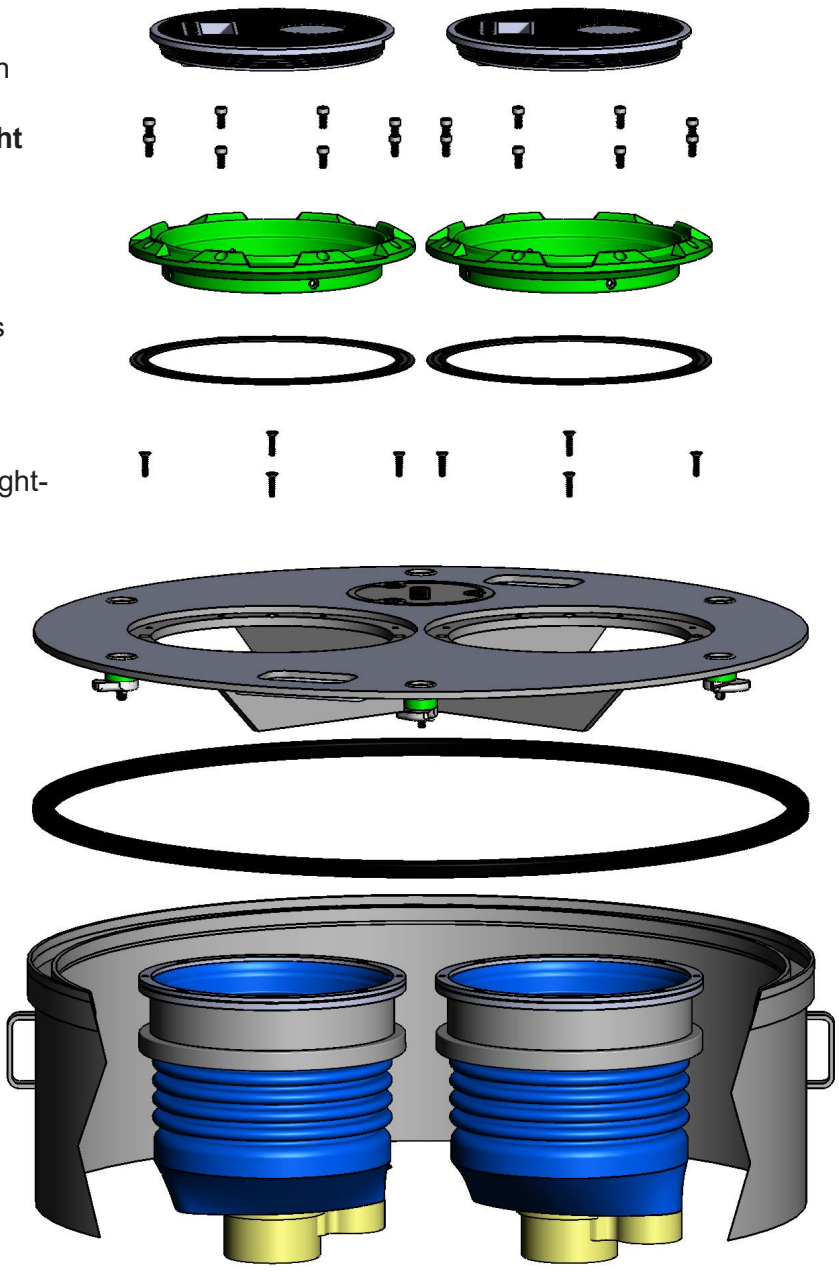
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Watertight

A1004EVR Multi-Port Spill Containment

Guide Specification:

- 42-inch steel diamond plate lid with 16-inch tank bung spacing
  Optional diamond plate lid in light weight aluminum
- 6 cam-locks and dual lid handles for easy lock-down and removal
- 8-inch observation port w/ water tight seals
- All mounting bolts non-corrosive stainless steel
- Manhole rim channel w/ D-seal for water tightness integrity between lid and rim
- Manhole available w/ 12-inch or 18-inch galvanized skirt
- 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
- HDPE primary spill container bellows
- Drain valve w/ filter or plug option
- Compatible with most water shrouds and boot kits



Model No.	Description	Spill Container #1	Drain Type	Spill Container #2	Drain Type
A1004EVR-2421D1A	42” Multi-Port MH, 8” Observation Port 12” Skirt, Gasoline	SW, 5 gal	Drain Valve	SW, 5 gal	No Drain
A1004EVR-242101A	42” Multi-Port MH, 8” Observation Port 12” Skirt, Gasoline	SW, 5 gal	No Drain	SW, 5 gal	No Drain
A1004EVR-2421D0A	42” Multi-Port MH, 8” Observation Port 12” Skirt, Diesel	SW, 5 gal	Drain Valve	None	N/A
A1004EVR-242100A	42” Multi-Port MH, 8” Observation Port 12” Skirt, Diesel	SW, 5 gal	No Drain	None	N/A

Custom configurations are available upon request

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A1100EVR Overfill Prevention Valve

No Epoxy!



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



A0020EVRC
Heavy Duty Collar

A0020EVR Straight Drop Tube

Model No.	Model No.	Overall Length
A0020EVR-004	A0020EVRC-004	12’
A0020EVR-005	A0020EVRC-005	15’
A0020EVR-007	A0020EVRC-007	17’
A0020EVR-008	A0020EVRC-008	14’

Guide Specification:

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

Phase I EVR Components



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



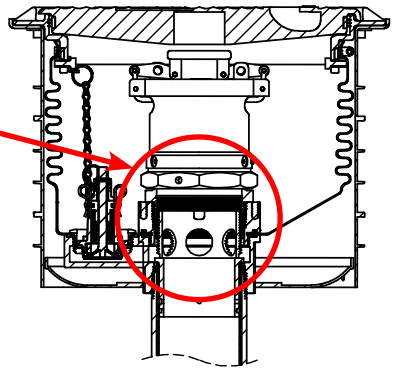
A0076-124S
Swivel Vapor Adapter



A0030-014
ATG Probe Adapter



494096 Riser Seal





A0075
Ball Float



A0079 Extractor
Cross Fitting



A0079 Extractor
Tee Fitting



A0179
Extractor Cage



A0279 Extractor
Test Plug

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

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