Model Descriptions

*OPW 411 Series* – features a flush-mounted manhole lid and raised dual dam and groove spill container rings, with P2105 Buckets using OPW 1-2105 Style Slip-On 5-gallon containers. Base is standard 1” offset from center and can be used for 12”, 14”, 16” or wider riser spacing. Optional 1P-2105 Hand Pump available.

*OPW 500 Series (511 / 521) EVR Multi-Port* – features a flush-mounted manhole lid and raised dual dam and groove spill container ring, with P511-EVR Buckets using OPW 1-2100 Style Thread-On Spill Containers. All Fill Ports in these spill containers feature an enhanced 1DK-2100-EVR vapor tight drain valve. The Vapor Return Spill Container features a permanent plug in the drain port as per EVR requirements. EVR Multi-Port Thread-On Spill containers are available in Composite or Cast Iron bases with 5 gallon buckets. Drain Valve Spill Bucket & Plug Spill Bucket standard on Dual Ports, Drain Valve Spill Bucket standard on Single Port.

*Required for EVR APPLICATIONS* – the FSA-400 Threaded Riser Face Seal Adaptor is installed on the fill pipe below the spill container to provide a true sealing for the drop tube flange on the 71SO overfill prevention valve. The 61SO and/or 7150 series valve is installed in the base of the OPW EVR spill container with the patent pending 61JSK jack screw device. This configuration allows liquid in the spill container to be drained directly into the drop tube, thereby isolating the drain valve from the tank ullage, eliminating a notorious leak point in previous systems.

Features

*Contractor-Friendly Installation* – studded mounting ring simply bolts together inside the spill containment bucket. No need to align bolt holes in the manhole cover.

*Raintight Service* – nitrile gaskets on the manhole and spill bucket mounting rings help prevent contamination of the sump area from surface water intrusion.

*Highway 20 Load Rating* – the rugged diamond plate steel manhole covers, as well as the ductile iron (RT) or aluminum (SC) spill container covers meet H20 Load Rating requirements.

*Spill Container and Manhole Positive I.D. System* – special recesses cast into spill container covers allow product I.D. tags to be attached to the lids. Matching bucket tags can be affixed to the inside of the spill container to prevent covers from getting switched.

*Fill/Vapor Ports* – configurations are available to accommodate a single fill riser, dual ports for both a fill and vapor riser, and triple and quad ports for multiple fill and vapor risers. Ports can be supplied with or without containment buckets.

*Port Configurations* – standard port locations match the popular riser spacings (16” or 24”) and bung configurations on underground storage tanks. Custom port locations are easily accommodated. For riser spacings less than 16”, old style buckets must be used.

*CARB Certified – 500 Series CARB EVR Approved Executive Order #VR-102* – containment of tank bung fittings. OPW offers a vast array of standard multi-port configurations and options, in addition to an almost unlimited ability to provide custom solutions for virtually any spill containment application.

*Spill Container Cover Options* – standard spill container options include the patented OPW dam and groove raintight (RT) design and the raintight Sealable Cover (SC) “plumber’s plug” design. The raintight cover features a finger-grip lifting facility and an integral seal. The sealable cover features a cam-operated mechanism that expands the seal against the vertical wall of the mounting ring. Both of these water-shedding covers are protected by raised mounting rings.

*Fastener Options* – two types of fasteners are available to secure the manhole lid and monitoring port to mounting rings. Standard are 5/16”-18 hex head bolts. Optional are OPW Roto-Lock Fasteners. The OPW Roto-Lock system enables a secure, watertight connection without the need to locate threaded bolt holes on the mounting ring.

*Powder Coated Rings & Covers* – available upon request.


OPW 400 and 500 Series Multi-Port Spill Containment Manholes

OPW Multi-Port Spill Containment Manholes provide spill containment for underground storage tank (UST) fill pipes and vapor recovery risers in a completely integrated single manhole package. Multi-ports are installed over the top of tank sumps to preserve future access to the tank top and to facilitate containment of tank bung fittings. OPW offers a vast array of standard multi-port configurations and options, in addition to an almost unlimited ability to provide custom solutions for virtually any spill containment application.

*Listings and Certifications* – OPW approved products.

Look for this label for authentic OPW EVR Approved products.

CARB EVR Executive Order #VR-102
NYCFO Certified (6571Series) #5053
Florida EQ-145
OPW Multi-Port Spill Containment Ordering Specifications

Product Number

**EVR**
(500 Series Only)
Do Not Enter “EVR”
for old style multiports

### Fill/Vapor Port Configurations

- **A** (Dead Center)
- **B**
- **E**
- **G** (42” Minimum Cover)
- **L** (Offset Single Port)

### Replacement / Retrofit Manhole

**RP** - (No Ring / Skirt)

*RP cover orders must be accompanied by an up-to-date OPW field survey form.

### Riser Spacing

- **00** - Single Port
- **16** - 16” Centers
- **24** - 24” Centers
- **42** - 42” Centers
- **4M** - Port in Center
- **7X** - Flush Mount

### Gauge Port Location

- **00** - No Gauge Port
- **40** - Port at 12 o’clock
- **43** - Port at 3 o’clock
- **46** - Port at 6 o’clock
- **49** - Port at 9 o’clock

### Manhole Cover Size *

- **30”** (Configurations)
- **36 - 36” Retrofit Only**
- **37 - 39” Retrofit Only**
- **42 - 42”**
- **48 - 48”**
- *42” is standard

### Optional Roto-Lock Fastener System

The OPW Roto-Lock system enables a secure rain-tight connection without the need to locate threaded bolt holes on the mounting ring.

### EVR Multi-Ports

Thread-On Spill Containers are available in composite or cast iron bases with either 5 or 15-gallon buckets. (1) Drain Valve Spill Bucket & (1) Plug Spill Bucket standard on Dual Ports. Drain Valve Spill Bucket standard on Single Port.

### Fill/Vapor Port Configurations

- **A** (Dead Center)
- **B**
- **E**
- **G** (42” Minimum Cover)
- **L** (Offset Single Port)

### Riser Spacing

- **00** - Single Port
- **16** - 16” Centers
- **24** - 24” Centers
- **42** - 42” Centers
- **4M** - Port in Center
- **7X** - Flush Mount

### Dimensions

<table>
<thead>
<tr>
<th>O.D.</th>
<th>I.D.</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>76</td>
<td>26/16</td>
</tr>
<tr>
<td>37</td>
<td>94</td>
<td>34/16</td>
</tr>
<tr>
<td>42</td>
<td>107</td>
<td>39/16</td>
</tr>
<tr>
<td>48</td>
<td>122</td>
<td>44/16</td>
</tr>
</tbody>
</table>

### Optional Accessories

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6511-RB16</td>
<td>12” to 18” Riser Spacer</td>
</tr>
<tr>
<td>6511-RB24</td>
<td>20” to 26” Riser Spacer</td>
</tr>
<tr>
<td>H15144M</td>
<td>4” NPT Nipple, 4” Length</td>
</tr>
<tr>
<td>H12806M</td>
<td>4” NPT Nipple, 5” Length</td>
</tr>
<tr>
<td>VPN4X7</td>
<td>4” NPT Nipple, 7” Length</td>
</tr>
<tr>
<td>H15271M</td>
<td>4” NPT Nipple, 8” Length</td>
</tr>
<tr>
<td>H15268M</td>
<td>4” NPT Nipple, 10” Length</td>
</tr>
<tr>
<td>TC-400</td>
<td>4” Torque Cap for 4” Nipples</td>
</tr>
<tr>
<td>6521-XAR37</td>
<td>36”, 37” OR 38” Roto-Lock Adaptor Ring to convert from Bolt Down</td>
</tr>
<tr>
<td>6521-XAR42</td>
<td>39” OR 42” Roto-Lock Adaptor to convert from Bolt Down</td>
</tr>
<tr>
<td>6521-XAR48</td>
<td>48” OR 52” Roto-Lock Adaptor to convert from Bolt Down</td>
</tr>
</tbody>
</table>

### Optional Roto-Lock Fastener System

The OPW Roto-Lock system enables a secure rain-tight connection without the need to locate threaded bolt holes on the mounting ring.

*RP cover orders must be accompanied by an up-to-date OPW field survey form.

### EVR Multi-Ports

Thread-On Spill Containers are available in composite or cast iron bases with either 5 or 15-gallon buckets. (1) Drain Valve Spill Bucket & (1) Plug Spill Bucket standard on Dual Ports. Drain Valve Spill Bucket standard on Single Port.
Old Style Replacement Parts
311/411/511/521 Series Multi-Ports
Note: 511/521 parts are for Multi-Ports made prior to Nov. 2003

Part # Description
1DK-2100-EVR 511/521 Series Drain Valve
H13931M Replacement Seal for SC Cover
P110-37G 34”-37” Manhole Gasket
P110-42G 42” Manhole Gasket
P110-48G 48” Manhole Gasket
PROTO-LOCK (1) Roto-Lock
P40-ROTOLID Replacement 40 Style Gauge Port Roto-Lock Lid
H15240M Replacement Gasket for 40 Style Gauge Port
PS11-BK Steel Cover Bolt & Gasket Kit, (4 each) for complete cover
P-30L Replacement 30 Style Bolt Down Gauge Port Lid
PS11-G Bucket Top Flange Gasket
PS11BUCKETBOLT Spill Bucket RT Ring Kit (4) Bolts, Washers & Gaskets
H15238M Replacement Gasket, 30 Style (Bolt Down)
1-2100-DSH 5 Gallon Fill Bucket with Composite Base & Drain Valve
1-2100-PSH 5 Gallon Vapor Bucket with Composite Base & Plug

Current Replacement Parts
For New 500 Series EVR Multi-Ports 6511/6521, 6561/571 made post 11/2003

Part # Description
P711-EVRDV Replacement 5-Gallon Bucket, w/ Drain Valve
P711-EVRPL Replacement 5-Gallon Bucket, w/ Plug (Vapor)
P761C-EVRDV Replacement 5-Gallon Bucket, C.I. Base w/ Drain Valve
P761C-EVRPL Replacement 5-Gallon Bucket, C.I.
P411-EVRPL Replacement 5-Gallon Slip-On Bucket
PS11-15-EVRDV Replacement 15-Gallon Bucket, Comp Base, W/ Drain Valve
C05170M Gasket, Spill Bucket & Mounting Ring
H15187M Replacement Seal for New Rain Tight Cover
Note: New P711 & P761 EVR buckets will only work with New “EVR” Multi-Port covers. (made post 11/2003)
See page 53 for replacement rings and covers part numbers.

Part # Description
411
P2105BUCKET 411 Replacement Bucket 5-Gallon
1P-2105 H & Pump Kit for 411/P2105
511/521
PS11-WTL Replacement Cover (RT)
PS11WTL-S Replacement Seal for RT Cover
PS11-1R Replacement RT Ring
PS11-14 RT Ring for 14” Riser
PS11YBUCKET Replacement Waste Oil Bucket
PS11-DEVVBUCKET Replacement 5-Gallon Bucket with Drain Valve
PS11-G14 Bucket Top Flange Gasket for Notched Gasket Set
PS11-PEVVBUCKET Replacement 5-Gallon Bucket with Plug
PS11C-DEVVBUCKET Replacement 5-Gallon Bucket With C.I. Base & Drain Valve
PS11C-PERVBUCKET Replacement 5-Gallon Bucket With C.I. Base & Plug
PS11-DEVVB-14 Replacement 5-Gallon Bucket with Drain Valve 12” & 14” Risers
PS11-PEVV-14 Replacement 5-Gallon Bucket with Plug – 12” & 14” Risers
PS11C-DEVVB-14 Replacement 5-Gallon Bucket W/ C.I. Base, Drain Valve for 12” & 14” Risers
PS11C-PERV-14 Replacement 5-Gallon Bucket W/ C.I. Base, Plug, for 12” & 14” Risers
PS21-GKIT 521 Multi-Port Complete Gasket Kit
PS11-GKIT 511 Multi-Port Complete Gasket Kit

See page 73 for additional cover options.
Multi-Port Manhole Water Shroud System Option

The new OPW Multi-Port Manhole Water Shroud System (MPWS) is designed to completely isolate surface water and condensation from the tank sump. The MPWS features an injection-molded fiberglass Water Shroud lid that mates to a standard tank sump top hat reducer. This new bolt down design allows even compression to facilitate water-tight sump access. Shroud Boots isolate the spill container buckets using stainless steel band clamps, which provide a tight seal between the water shroud top hat and the underside of the spill container mounting rings. A 6” Sump Inspection Port is provided on each FRP Cover, allowing full inspection access through the Multi-Port Gauge Port. The OPW Water Shroud system is available in 33” and 36” models. The MPWS Water Shroud is sold separately.

Ordering Specifications

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPWS-33</td>
<td>33” FRP Cover with (2) 5-gallon Water Shroud Boots &amp; Clamps</td>
</tr>
<tr>
<td>MPWS-33BD</td>
<td>33” Bolt Down Water Shroud</td>
</tr>
<tr>
<td>MPWS-33BDD</td>
<td>33” Bolt Down Water Shroud for Diesel</td>
</tr>
<tr>
<td>MPWS-36</td>
<td>36” FRP Cover with (2) 5-gallon Water Shroud Boots &amp; Clamps</td>
</tr>
<tr>
<td>MPWS-39BD</td>
<td>39” Bolt Down Water Shroud</td>
</tr>
</tbody>
</table>

Replacement Parts

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C05223M</td>
<td>Shroud Boot Cap to Isolate One FRP Cover Port</td>
</tr>
<tr>
<td>D02571M</td>
<td>33” FRP Replacement Cover</td>
</tr>
<tr>
<td>D02586M</td>
<td>36” FRP Replacement Cover</td>
</tr>
<tr>
<td>D02575M</td>
<td>5-gallon Shroud Boot</td>
</tr>
<tr>
<td>H15188M</td>
<td>Lower Clamp for 5-gallon Shroud Boot</td>
</tr>
<tr>
<td>H15190M</td>
<td>Upper Clamp for 5 or 15-gallon Shroud Boot</td>
</tr>
<tr>
<td>SIP-6</td>
<td>6” Sump Inspection Port Sight Glass</td>
</tr>
<tr>
<td>SLPK</td>
<td>Gasket and Sealant Kit for Shroud</td>
</tr>
<tr>
<td>205181</td>
<td>Lower Clamp for 5 Gallon Shroud</td>
</tr>
<tr>
<td>205183</td>
<td>Upper Clamp for 5 Gallon Shroud</td>
</tr>
</tbody>
</table>

Listings and Certifications

Florida EQ-145
NY Approval

NOTE: Part numbers do not include rings or covers. Rings and Covers must be ordered separately.
Bolt Down Manhole Water Shroud System Option

The Bolt Down Multi-Port Water Shroud (MPWS-BD) is designed to mate with the OPW Multi-Port. The MPWS-BD isolates surface water and condensation from Tank Sumps.

Shroud boots isolate the spill container buckets using stainless steel band clamps, providing a tight seal between the water shroud top hat and the underside of the spill container-mounting ring. Bolts on the outer edge of the shroud cover secure it to the top hat. Available in 33” and 39” Diameter Covers.

Ordering Specifications

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Bolt-Down FRP Top Hat Options</strong></td>
</tr>
<tr>
<td>203246</td>
<td>42” x 33” FRP Bolt-Down Top Hat</td>
</tr>
<tr>
<td>203272</td>
<td>42” x 39” FRP Bolt-Down Top Hat</td>
</tr>
</tbody>
</table>

**Replacement Parts**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C05223M</td>
<td>Shroud Boot Cap to Isolate One FRP Cover Port</td>
</tr>
<tr>
<td>D02571M</td>
<td>33” FRP Replacement Cover</td>
</tr>
<tr>
<td>D02586M</td>
<td>36” FRP Replacement Cover</td>
</tr>
<tr>
<td>D02575M</td>
<td>5-gallon Shroud Boot</td>
</tr>
<tr>
<td>H15188M</td>
<td>Lower Clamp for 5-gallon Shroud Boot</td>
</tr>
<tr>
<td>H15190M</td>
<td>Upper Clamp for 5 or 15-gallon Shroud Boot</td>
</tr>
<tr>
<td>SIP-6</td>
<td>6” Sump Inspection Port Sight Glass</td>
</tr>
<tr>
<td>SLPK</td>
<td>Gasket and Sealant Kit for Shroud</td>
</tr>
<tr>
<td>205181</td>
<td>Lower Clamp for 5 Gallon Shroud</td>
</tr>
<tr>
<td>205183</td>
<td>Upper Clamp for 5 Gallon Shroud</td>
</tr>
</tbody>
</table>

**New Ring and Cover Part Numbers**

<table>
<thead>
<tr>
<th>Raintight Covers</th>
<th>Raintight Cover Rings</th>
<th>Sealable Covers</th>
<th>Sealable Cover Rings</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTC-WHITE</td>
<td>RTR-WHITE</td>
<td>SC-WHITE</td>
<td>SCR-WHITE</td>
</tr>
<tr>
<td>RTC-RED</td>
<td>RTR-RED</td>
<td>SC-RED</td>
<td>SCR-RED</td>
</tr>
<tr>
<td>RTC-YELLOW</td>
<td>RTR-YELLOW</td>
<td>SC-YELLOW</td>
<td>SCR-YELLOW</td>
</tr>
<tr>
<td>RTC-GREEN</td>
<td>RTR-GREEN</td>
<td>SC-ORANGE</td>
<td>SCR-ORANGE</td>
</tr>
<tr>
<td>RTC-ORANGE</td>
<td>RTR-ORANGE</td>
<td>SC-BLACK</td>
<td>SCR-BLACK</td>
</tr>
<tr>
<td>RTC-BLACK</td>
<td>RTR-BLACK</td>
<td>SC-PLAIN</td>
<td></td>
</tr>
</tbody>
</table>