OPW 101BG-2100 Series
Below-Grade Spill
Containers

OPW Below-Grade Spill Containment
Manholes are used in new tank or
riser pipe installations. The watertight
spill containment chamber is installed
completely below grade level. A grade
level manhole cover lies flush with the
driveway grade to reduce a tripping
hazard and the potential for damage
from snow plows and traffic. Surface
water drains into the backfill between
the manhole skirt and the exterior of the
containment bucket. Below-grade spill
containers are available in thread-on
and slip-on configurations in 5 and
15-gallon capacities.

101BG Slip-on Model Instruction
Sheet Order Number: H12579M

101BG-2100 Instruction Sheet
Order Number: H12260M

Important Notice: The
OPW101BG-2100 Spill Container
Series does not prevent contamination
of the soil or backfill resulting from
spills flowing between the spill
container and the outer shell. Ground
contamination may result if the spill
container is filled beyond capacity,
or if a spill occurs outside the spill
containment cell.

- Highway 20 Rated (H20) – all OPW
spill containers and manholes exceed
the requirements of the Highway
20 rating.

Materials

Grade Cover: Fiberglass reinforced
composite (steel optional)
Lid: Glass reinforced composite
Lever, top case: Polyethylene
Outer shell: Polyethylene,
powder-coated steel
Containment cell: Polyethylene
Base: Duratuff® II or cast iron

Features

- Pull-to-Open Drain Valve – allows
high-speed drainage of excess
product into the tank. Designed
with a convenient self-cleaning seal
and removable screen for easier
component cleaning.
(CARB Approved)
- Capacity – 5-gallon and
15-gallon capacities.
- Outer Shell – the outer shell isolates
the containment vessel from the
surrounding concrete and gravel.
This high-density polyethylene shell
is designed to provide space between
the outer shell and the containment
vessel to allow any surface water that
enters to flow into the backfill, not
the containment vessel. Elimination
of water in the spill container reduces
product contamination and ice
formation during cold winter months.
- Vapor-Tight Lid – a unique, hinged
and sealed containment vessel lid
provides a vapor-tight seal, designed
to prevent vapors from escaping at
ground level while eliminating the
accumulation of dirt and water that
contaminate fuel. Incorporating a
special lid interlock design, the grade
level cover cannot be replaced on the
outer shell without the lever being in
the closed and locked position.
- Composite Grade Level Cover –
made of sturdy fiberglass-reinforced
composite, the grade cover is less
prone to theft than aluminum covers,
and lighter in weight than cast
iron. In addition, the cover lies flush
with the actual grade so no ramps
are required to support the cover,
eliminating snow plow hazards and
“speed bumps.” (Optional steel plate
cover is also available)
- Fuel Compatibility – designed to
accommodate the fuels of the future,
including methanol, ethanol and fuels
with MTBE additives.
- Easy Installation – reduces job-
site time and installation costs.
Simply thread the Duratuff® II base
(cast iron base is optional) onto
a standard 4” schedule 40 pipe.
Guides are provided to assure proper
positioning of the spill container. The
hinged lid orientation is adjustable
during installation for site-specific
placement.
- Product Identification Tags – available
for both the spill container cover
and bucket to positively identify the
product contained in the UST with
standard API symbols. (See product
I.D. tag specification page for more
information: page 82.)

Listings and
Certifications

CARB Certifications and Listings
101BG(S)-2100 Approval Letter #93-26
101BG(S)-2115
Ordering Specifications

**Duratuff® II Base Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Gal.</th>
<th>Liter</th>
<th>Drain Valve</th>
<th>lbs.</th>
<th>kg</th>
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</thead>
<tbody>
<tr>
<td>101BG-2100</td>
<td>5</td>
<td>19</td>
<td>Pull</td>
<td>60</td>
<td>27</td>
</tr>
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<td>101BG-2105*</td>
<td>5</td>
<td>19</td>
<td>None</td>
<td>60</td>
<td>27</td>
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<td>101BG-2115</td>
<td>15</td>
<td>57</td>
<td>Pull</td>
<td>65</td>
<td>29</td>
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**Cast Iron Base Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Gal.</th>
<th>Liter</th>
<th>Drain Valve</th>
<th>lbs.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>101BG-2100C</td>
<td>5</td>
<td>19</td>
<td>Pull</td>
<td>72</td>
<td>33</td>
</tr>
<tr>
<td>101BG-2115C</td>
<td>15</td>
<td>57</td>
<td>Pull</td>
<td>77</td>
<td>35</td>
</tr>
</tbody>
</table>

*Slip-on Base

**Dimensions**

**101BG-2100**

- A: 20\(\frac{9}{16}\) in. 52 cm
- B: 17\(\frac{1}{4}\) in. 44 cm
- C*: 23\(\frac{9}{32}\) in. 76 cm
- D: 22\(\frac{1}{16}\) in. 56 cm

**101BG-2115**

- A: 20\(\frac{9}{16}\) in. 52 cm
- B: 25\(\frac{1}{2}\) in. 65 cm
- C*: 27\(\frac{1}{32}\) in. 71 cm
- D: 26\(\frac{1}{32}\) in. 66 cm

*C* Subtract 2” from “C” dimension for Cast Iron Base Models.

**Replacement Parts/Accessories**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1DK-2100-EVR</td>
<td>Pull Drain Valve</td>
<td>101BG-COVER</td>
<td>Composite Manhole Cover</td>
</tr>
<tr>
<td>101BG-21AR</td>
<td>Inside Hatch Height Extender</td>
<td>E00491</td>
<td>Complete Replacement Top Assembly</td>
</tr>
<tr>
<td>101BG-21LA</td>
<td>Red Lever &amp; Crossarm Assembly</td>
<td>H11671M</td>
<td>Steel Manhole Cover</td>
</tr>
<tr>
<td>101BG-LATCH</td>
<td>Latch Kit; Yoke, Cotterpin &amp; Spring</td>
<td>H12280M</td>
<td>Ring Seal</td>
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<tr>
<td>101BG-BUCKET</td>
<td>5 Gallon Replacement Spill Container</td>
<td>H12620</td>
<td>Inside Hatch</td>
</tr>
<tr>
<td>C04785M</td>
<td>5 Gallon Insert Support</td>
<td>P110-20LID</td>
<td>Steel Manhole Cover w/ID Tag System</td>
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1DK-2100 Drain Valve Kit Instruction Sheet Order Number: H11471M

**Operation of 101BG Lid**

*NOTE: “D” dimension is height from riser pipe to finish grade (+1” for slope)*