OPW 7H® and 7HB®
Automatic Shut-off Nozzles

For Heavy-Duty, High-Flow Truck, Bus and Fleet Service

If you operate a full-service truckstop, refuel your own fleet or manage a card-lock refueling location, the low-cost, long-life and durability of the OPW 7H® high-flow nozzle can help increase your productivity, sales and profits.

Materials

Body: Aluminum
Lever & Lever Guard: Duratuff®
Packing: Graphite with Teflon®
Disc: Viton®
Spout: Aluminum
Inlet Size: 1” NPT
Weight: 3.35 lbs. each, 52.05 lbs./case of 15
1.51 kg each, 23.6 kg/case of 15

Features

Safe for Use

- Prevents gasoline spills in prepay or card-lock systems utilizing OPW’s unique No Pressure – No Flow Device. The nozzle cannot be opened until the pumping system is pressurized, and closes automatically when the pressure is removed. (7HB Series only)
- Prevents consumer from jamming the nozzle in an open position – blocker on lever guard.
- FlowLock™ allows nozzle to shut-off when falling out of a fill pipe, and is tipped up, limiting spillage and unsafe conditions.
- Low reliable shut-off – specifically designed to ensure proper automatic shut-off as low as 5 gallons per minute.

Durable and Long Lasting Design

- Cycle-tested and proven to last longer than 1 million cycles – better than any other nozzle available on the market today.*
- Durable lever guard that won’t scratch your customers’ vehicles – made from Duratuff®.
- New hold-open clip spring lasts longer than previous designs.

Appealing to Customers

- Easy to use – utilizing Accu-Stop® to-the-penny Flow Control Technology.
- Easy to open, even at high pressures, utilizing Dual Poppets.
- Even, smooth spray pattern – minimizes diesel foaming and false shut-offs.
- Smooth closing action and reduced line shock from incorporated dashpot technology.
- Convenient – one-finger hold-open clip that is easy to set the flow rate. (not on all models)
- Spout Retaining Ring – adds extra measure in securing nozzle spout in fill pipe where required. (not on all models)

Design working pressure

- 50 psi (3.45 bar) maximum pressure.

* OPW internal lab testing results as of August 2010.

Listings and Certifications

UL
2586

See page 299 for certification number
In order to be UL2586 approved effective April 30, 2015, the use of a Hold-Open device is only permitted on dispensing nozzles equipped with a “B-Cap” (no pressure - no flow) or interlock feature. The use of foreign objects to hold open automatic nozzles could result in shut-off failure and personal injury.

### Ordering Specifications

#### B-5 Nozzles compatible up to B5 (5% Biodiesel), Fuel Oil and Kerosene

<table>
<thead>
<tr>
<th>Handwarmer Color</th>
<th>7H** with Spout Ring</th>
<th>7H** without Spout Ring</th>
<th>7HB with Spout Ring</th>
<th>7HB without Spout Ring</th>
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</thead>
<tbody>
<tr>
<td>Green</td>
<td>7H-0100</td>
<td>7H-5100</td>
<td>7HB-0100</td>
<td>7HB-5100</td>
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<tr>
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<td>7H-0400</td>
<td>7H-5400</td>
<td>7HB-0400</td>
<td>7HB-5400</td>
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<tr>
<td>Yellow</td>
<td>7H-0900</td>
<td>7H-5900</td>
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<td>7HB-5900</td>
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<tr>
<td>Bare</td>
<td>-</td>
<td>-</td>
<td>7HB-0090</td>
<td>7HB-5090</td>
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</tbody>
</table>

NOTE: All new 7H and 7HB nozzles now come with Fillgard™. For replacement Fillgards, see page 154. *7H nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

#### B-20 Nozzles compatible up to B5 (5% Biodiesel)

<table>
<thead>
<tr>
<th>Handwarmer Color</th>
<th>7H** with Spout Ring</th>
<th>7H** without Spout Ring</th>
<th>7HB with Spout Ring</th>
<th>7HB without Spout Ring</th>
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</thead>
<tbody>
<tr>
<td>Green</td>
<td>7H-0100-B20</td>
<td>7H-5100-B20</td>
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<tr>
<td>Black</td>
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<tr>
<td>Yellow</td>
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</tbody>
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NOTE: All new 7H and 7HB nozzles now come with Fillgard™. For replacement Fillgards, see page 154. *7H nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

### Replacement Parts

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part #</th>
<th>O.D.*</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>7H Spout Kit w/ spout ring</td>
<td>5BH-0115</td>
<td>1 1/6&quot;</td>
<td>30</td>
<td>.66</td>
</tr>
<tr>
<td>7H Spout Kit w/o spout ring</td>
<td>5BH-5115</td>
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<tr>
<td>12-inch 7H Spout Kit</td>
<td>5BH-0125</td>
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</tbody>
</table>

**NEWGARD™ Kits** See page 154

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part #</th>
<th>O.D.*</th>
<th>Length</th>
<th>Weight</th>
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</thead>
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</tbody>
</table>

**NEWGARD™ Kits** See page 154

* Spout end with anchor ring is 1 1/6" O.D.

7H®, 7HB® Series Instruction Sheet Order Number: H15985M

### Custom Colors

With minimum quantities. Contact OPW customer service.

- Blue
- Red
- Silver

### WARNING

**CUSTOMER SERVICE PHONE**: (800) 422-2525

**FAX**: (800) 421-3297

**FILLGARD™**: For replacement Fillgards, see page 154. *7H nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

**NEWGARD™ Kits**: See page 154

NOTE: See OPW’s Website at www.opwglobal.com for product instruction sheets, trouble-shooting guides, how-to-use guide and to view the Do’s & Don’ts at the Gas Pump video.