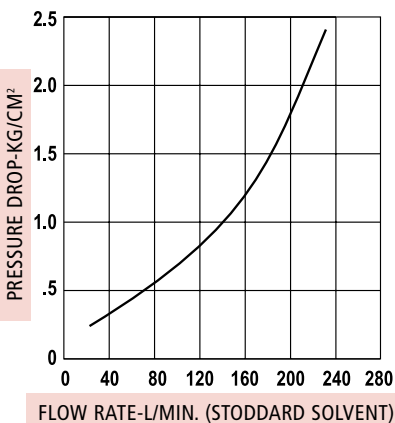
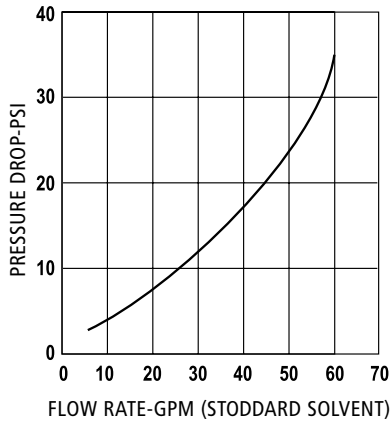


**OPW 7H® and 7HB®  
Automatic Shut-off Nozzles**

**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**

- ◆ UL- and ULC-Listed for use in gasoline, diesel and up to 10% ethanol blends. Specific listings available at [www.opwglobal.com](http://www.opwglobal.com).
- ◆ 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.

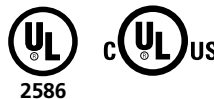
**Appealing to Customers**

- ◆ 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**



See pages 283-291 for certification number

**⚠ WARNING**

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

Handwarmer Color	7H <sup>®</sup> * with Spout Ring	7H <sup>®</sup> * without Spout Ring	7HB <sup>®</sup> with Spout Ring	7HB <sup>®</sup> without Spout Ring
Green	7H-0100	7H-5100	7HB-0100	7HB-5100
Black	7H-0400	7H-5400	7HB-0400	7HB-5400
Yellow	7H-0900	7H-5900	7HB-0900	7HB-5900
Bare	-	-	7HB-0090	7HB-5009

NOTE: All new 7H and 7HB nozzles now come with FILLGARD™. For replacement FILLGARDs, see page 164.  
\*7H Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

**B-20** Nozzles compatible up to B20 (20% Biodiesel)

Handwarmer Color	7H <sup>®</sup> * with Spout Ring	7H <sup>®</sup> * without Spout Ring	7HB <sup>®</sup> with Spout Ring	7HB <sup>®</sup> without Spout Ring
Green	7H-0100-B20	7H-5100-B20	7HB-0100-B20	7HB-5100-B20
Black	7H-0400-B20	7H-5400-B20	7HB-0400-B20	7HB-5400-B20
Yellow	7H-0900-B20	7H-5900-B20	7HB-0900-B20	7HB-5900-B20

NOTE: All new 7H and 7HB nozzles now come with FILLGARD™. For replacement FILLGARDs, see page 164.  
\*7H Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements.

**Replacement Parts**

Product	Part #	O.D.*		Length		Weight		Used On
		in.	mm	in.	mm	lbs.	kg	
7H Spout Kit w/ spout ring	5BH-0115	1 3/16*	30	7	178	.66	.30	7H <sup>®</sup>
7H Spout Kit w/o spout ring	5BH-5115	1 3/16	30	7	178	.66	.30	7H <sup>®</sup> (w/o ring)
12-inch 7H Spout Kit	5BHB-0125	1 3/16	30	12	305			7H <sup>®</sup>

NEWGARD™ Kits See page 164

Product	Part #	O.D.*		Length		Weight		Used On
		in.	mm	in.	mm	lbs.	kg	
7HB Spout Kit w/ spout ring	5BBH-0136	1 3/16*	30	7	178	.65	.30	7HB <sup>®</sup>
7HB Spout Kit w/o spout ring	5BBH-5136	1 3/16	30	7	178	.66	.30	7HB <sup>®</sup> (w/o ring)
NEWGARD™ Kits See page 164								7HB <sup>®</sup>

\* Spout end with anchor ring is 1 31/64" O.D.

7H<sup>®</sup>, 7HB<sup>®</sup> Series Instruction Sheet Order Number: **H15985M**

**Custom Colors**

With minimum quantities. Contact OPW customer service.

- Blue
- Red
- Silver



OPW 5BH  
7H<sup>®</sup> Spout with ring



OPW 5BBH  
7HB<sup>®</sup> Spout without ring

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.