



**Hewitt**

Recommended Installation, Maintenance  
and Inspection Instructions

Falcon Nozzles High Flow manual shut off

Aviation  
Nozzles

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IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION



**WARNING** Designed for use at aviation fuel dispensing facilities only. Avoid misfueling: Please make sure your personnel follow proper fueling practices - Use proper fuel orders, use of selective spouts, and grade verification for the aircraft to be fueled.

**WARNING:** Nozzle body inlet is MBSPP – Do not thread with male NPT swivel. Purchase new part from Hewitt®.

**INSTALLATION INSTRUCTIONS**

Note: Install Hewitt® aviation swivel before installing nozzle on aviation fueling hose.

1. Turn off dispenser and relieve line pressure.
2. Do not use thread sealant (Teflon® tape, antiseize or any other kind of sealant).
3. Tighten firmly, approximately 15-20 lbf•ft / 20.3-27.1 N•m, but do not over-tighten.
4. Pressurize system and visually inspect for leaks.

**DO NOT OVERTIGHTEN. USE WRENCH ON HOSE NUT ONLY.**

**TESTING / MAINTENANCE / INSPECTION**

Daily



- Check for leaks / stains.
- Check for loose spouts.
- Check for damage.
- Check for bent lever.

Monthly



- Check "remove after" date.
- Clean fuel strainer

Annually



- Check for electrical conductivity.
- Lubricate main valve stem.

• All maintenance and inspection activities must be logged using the serial number of the individual product.

• Apply city, state, or federal testing regulations as appropriate.

**ANY TEST / INSPECTION  
FAILURE REQUIRES IMMEDIATE  
EQUIPMENT REPLACEMENT OR  
REMOVAL FROM SERVICE.**

**MADE IN THE USA**

**ALWAYS ADHERE TO INSTALLATION / USAGE INSTRUCTIONS AND WARNINGS.**

Improper use may result in injury, damage, or hazardous spill.

**GENERAL WARNINGS / INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS:**

- Use of equipment is at individuals' own risk.
- Always abide and adhere to city, state, and federal regulations regarding use and installation of dispensing equipment.
- Always follow the product manufacturer's installation and maintenance instructions.
- Always turn off all power to dispenser during maintenance and inspection activities.
- Always relieve pressure from system prior to performing maintenance activities.
- Always check continuity after installation using a megohmmeter (Refer to PEI RP 400 for details).
- Always replace or remove from service damaged or leaking dispensing equipment immediately.
- Always report leaks / spills / accidents to appropriate authorities.
- Always wear appropriate safety equipment during maintenance activities.
- Always have appropriate fire extinguishing equipment within 5 ft / 1.5 m of dispensers.
- Never use thread sealant (Teflon® tape, anti-seize or any other kind of sealant).



- Always discharge static electricity before using or servicing equipment by touching a metal part of the dispenser before and after fueling aircraft.
- Never smoke within 20 ft / 6.1 m of dispensers.
- Never keep in service past recommended life.
- Never leave the nozzle unattended while dispensing fuel.
- Never use sparking or flaming devices within 20 ft / 6.1 m of dispensers.
- Never use cell phone within 20 ft / 6.1 m of dispensers.

**CAUTION: DO NOT TOP OFF!**

Topping off can lead to spills and splashes.

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**LIMITED WARRANTY & DISCLAIMER**

**LIMITED WARRANTY & DISCLAIMER:** Except with respect to goods (or components thereof) manufactured by others, Husky® (the seller), warrants, for a period of one (1) year following shipment, only that the goods and/or services described herein (the "goods") are free from defects in workmanship performed by the seller that exist at the time of shipment of the goods by the seller. All warranty claims must be made within one (1) year after the seller has shipped the product. The seller's liability hereunder is limited to the purchase price of any product proven defective or, at the seller's option, to the replacement of such product F.O.B. the seller's home office.

It is understood and agreed that the seller's liability and purchaser's sole remedy, whether in contract, under any warranty, in tort (including negligence), in strict liability or otherwise shall not exceed the return of the purchase price paid by purchaser, and under no circumstances shall seller be liable for any special, incidental or consequential damages, including, but not limited to, personal injury, property damage, damage to or loss of equipment, lost profits or revenue, cost of renting any replacement or any other additional expenses, even if seller has been advised of the possibility of such damages. The price stated for the equipment is a consideration in so limiting seller's liability and purchaser's remedy. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The law of the State of Missouri shall apply to any resulting agreement with respect to a sale of the goods.

Seller will not be liable for any damages, losses or expenses as a result of the negligence of the purchaser or any user, whether deemed active or passive and whether or not any such negligence is the sole cause of any such damage, loss or expense.

This warranty is in lieu of and excludes all other warranties, expressed, implied, statutory or otherwise created under applicable law. Including, but not limited to, the warranty of merchantability and the warranty of fitness for a particular purpose. In no event shall the company be liable for special, incidental or consequential damages, including loss of profits.

As to goods (or components thereof) sold by the seller but manufactured by others, the buyer shall accept in lieu of any liability, guarantee, or warranty from the company, the benefits of any guarantee or warranty obtained by the seller from the manufacturer thereof. This information is furnished solely to notify the buyer that they may be covered by a warranty from the manufacturer. The seller is not adopting or assuming responsibility for the manufacturer's warranty, and is not making any other expressed or implied warranty including, but not limited to, warranties of fitness for a particular purpose or of merchantability concerning these goods.

## OPERATION INSTRUCTIONS

1. Activate dispenser.
2. Attach grounding cable alligator clip or grounding plug to grounding port on aircraft.
3. Insert spout into fill pipe opening.
4. Raise the lever and begin fueling.
5. Wait 15 seconds to allow any fuel remaining in the spout to drain.
6. Remove nozzle from fill pipe by raising hose end of the nozzle.
7. Remove grounding cable alligator clip from aircraft grounding port
8. Return nozzle to storage position.

## TROUBLESHOOTING GUIDE

- |                                                |                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nozzle keeps shutting off or won't dispense... | <ol style="list-style-type: none"><li>1. Make sure dispenser is on and activated.</li><li>2. Clean or replace dispenser filter.</li><li>3. Clean or replace fuel strainer.</li><li>4. Replace spout assembly.</li><li>5. Check dispenser pressure - 19 psi / 1.3 bar is required to activate nozzle.</li></ol> |
| Nozzle won't shut off...                       | <ol style="list-style-type: none"><li>1. Check flow rate - minimum of 5 gpm / 18.9 Lpm required.</li><li>2. Remove nozzle and drain hose.</li></ol>                                                                                                                                                            |
| Nozzle leaks...                                | <ol style="list-style-type: none"><li>1. Check for loose spout.</li><li>2. Check hose connection.</li><li>3. Check for cracks in nozzle and hose threads.</li></ol>                                                                                                                                            |
| Low flow rate...                               | <ol style="list-style-type: none"><li>1. Verify dispenser is not in slow flow rate mode.</li><li>2. Check for system leak.</li></ol>                                                                                                                                                                           |

## FUEL STRAINER CLEANING INSTRUCTIONS

1. Turn off dispenser, relieve line pressure, and drain nozzle and hose assembly into approved container.
2. Remove spout lock nut, remove spout, and remove strainer from spout.
3. Flush dirt and debris from strainer.
4. Reinsert strainer into spout.
5. Install spout into nozzle and tighten spout lock nut firmly, approximately 35 – 60 lbf-ft / 47-81 Nm. Do not over tighten.
6. Pressurize system and check for leaks.

## GENERAL TECHNICAL DATA

<b>Fuel Type</b>	Test and warranty for aviation fuel
<b>Flow Rate</b>	100 gpm/378.5 Lpm
<b>Body</b>	Sand cast aluminum
<b>Disc</b>	Fluorocarbon
<b>Packing</b>	Double O-ring seal protected by fiber reinforced Teflon®
<b>Lever</b>	One piece contoured steel
<b>Shipping Weights</b>	5.0 lbs / 2.3 kg
<b>Threads</b>	1-1/2"/38.1 mm BSPP
<b>Spout</b>	1-3/8"/34.9 mm round or 1-3/8"/34.9 mm oval.
<b>Case Quantity</b>	15
<b>Listing:</b>	^ NOT LISTED