



The HB7H-120 automatic nozzle is designed for heavy-duty, high-flow fueling applications, such as truck stops, bus depots, and fleet refueling stations. Whether you operate a full-service truck stop, refuel your own fleet, or manage a card-lock refueling site, this durable and cost-effective nozzle delivers long service life and reliable performance — helping you maximize productivity, boost fuel sales, and increase profits.

**Materials:**

- Body: Aluminum
- Lever & Lever Guard: Plastic
- Spout: Aluminum (with Stainless steel Tip for Option)
- Hand Insulator: PVC
- Umbrella Check Valve: Brass
- Seals: Buna-N, Viton for Option
- Main stem seals: Viton Cased Oil Seal / Graphite with Teflon
- Main stem: Stainless steel
- Compatible Fuels: Gasoline, diesel, fuel oil, petroleum,  
 Not suitable for viscous oils or water (risk of corrosion)

**Technical Specifications:**

- Flow Rate Range: 18 ± 2L/min to 135 L/min
- Working Pressure: 0.5 - 3.5 bar
- Temperature Range: -20 ° C to +55 ° C

**Package:**

- Net Weight: 1.6 kg/pc
- Gross Weight: 1.8kg/pc
- 42x39x34 cm'/case of 10pc

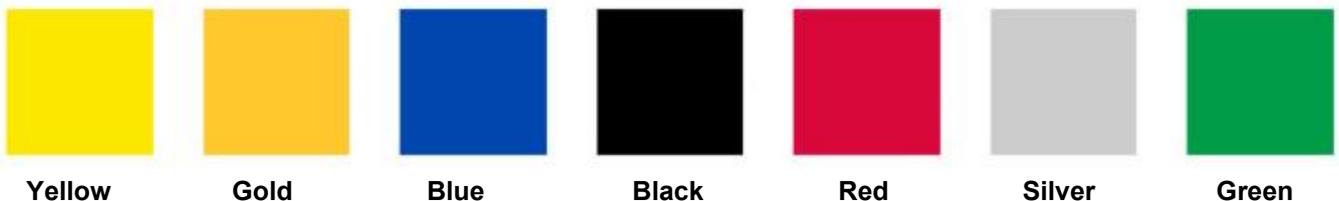
**Ordering Specifications:**

Item No.	Inlet Size & Thread Standard	Outlet Spout Diameter	Nozzle Type
HB7H-120	1" BSPT/BSPP/NPT Female Thread	1-3/16"	Regular Type
HB7H-120TS	1" BSPT/BSPP/NPT Female Thread	1-3/16"	Tip-Over Shut-Off Type
HB7H-120ST	1" BSPT/BSPP/NPT Female Thread	1-3/16"	With Stainless Steel Spout Tip

**Key Features:**

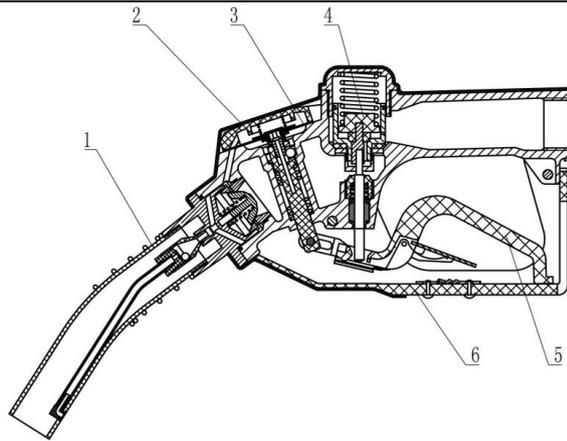
- Anti-Jamming: Special lever guard prevents user from forcing the nozzle open.
- FlowLock™ System: Automatically shuts off if the nozzle falls or tips up, reducing spills and hazards.
- Tested: Lasts over 1 million cycles - longer than other nozzles.
- Spout Tip: Stainless steel - lasts 4x longer than aluminum tips.
- Accu-Stop® Flow Control: Precise shutoff for to-the-penny fueling.
- Easy to use - Utilizing Accu-Stop® to-the-penny Flow Control Technology.

Color: Red, Green, Black, Blue Silver, White, Yellow, Gold etc. For option



**Replacement Parts of HB7H-120 Fuel Nozzle are Available for Easy Maintenance**

Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.



**Key Part Name Description**

- 1 Spout Available in: 1-3/16"
  - 2 Full Hand Insulator: Comfortable grip cover
  - 3 Diaphragm Assembly: Controls internal pressure
  - 4 Main Valve Assembly: Core valve for fuel flow control
  - 5 Lever Assembly: Main handle for operation
  - 6 Lever Guard: Protects lever and vehicle surface
- Compatible with models HB7H-120 Series of Nozzle  
 Easy to replace  
 Saves time and cost

**HBLEV-01 Nozzle Lever**



Material: Conductive  
 Enhanced material of Plastic  
 Size: To be used for HB11A-XX or HB11B-XX  
 Usage: Opening fuel nozzle

**HBSP05-B Nozzle Spout with Brass Umbrella Valve**



Pipe Material: Aluminum  
 Spring: Zinc Plated Steel  
 Umbrella Valve: Brass  
 Size: 1-3/16" to be used for HB7H-120 Series of Nozzles

**HBC-02 Fuel Nozzle Hand Insulator**



Material: PVC  
 Size: To be used for HB7H-120 Series of Fuel Nozzles  
 Color: Can be customized

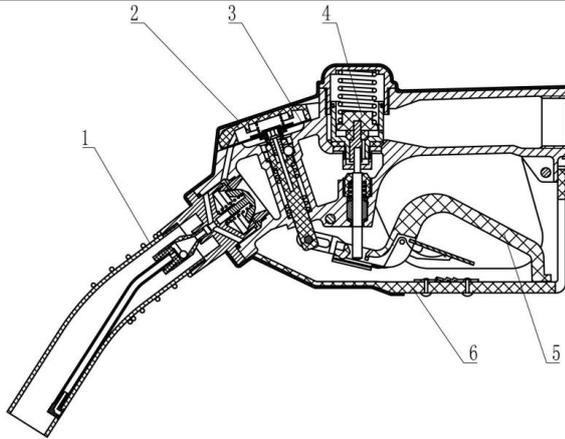
**HBGR-01 Nozzle Guard**



Material: Plastic  
 Size: to be used for HB7H-120, HB11A-60 & HB11A-45 Series of Automatic Nozzles

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### Key Part Name Description

- 1 Spout Available in: 1-3/16"
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  - 3 Diaphragm Assembly: Controls internal pressure
  - 4 Main Valve Assembly: Core valve for fuel flow control
  - 5 Lever Assembly: Main handle for operation
  - 6 Lever Guard: Protects lever and vehicle surface
- Compatible with models HB7H-120 Series of Nozzle  
 Easy to replace  
 Saves time and cost

### HBUNH-1 Nozzle Hook



Material: Forged Aluminum  
 Size: To be used for nozzle  
 Spout diameter of 13/16" or 15/16"  
 Usage: Hang your fuel nozzle for safe and clean storage.

### HBDA-03 Diaphragm



Material: Fabric-reinforced Rubber  
 Size: to be used for HB7H-120 Series of Automatic Nozzles

### More Images:

