



The HB7HB-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. They are designed for use in both retail and commercial fueling applications, including prepay, self-service, full-service, and card-lock systems with credit/debit card readers. They are engineered to help prevent gasoline spills by remaining closed until the dispensing system is pressurized, and automatically shutting off when the pressure is removed.

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: 1.7 kg/pc
 Gross Weight: 1.9kg/pc
 42x39x34 cm/case of 10pc

Ordering Specifications:

Item No.	Inlet Size & Thread Standard	Outlet Spout Diameter	Nozzle Type
HB7HB-120	1" BSPT/BSPP/NPT Female Thread	1-3/16"	Regular Type
HB7HB-120TS	1" BSPT/BSPP/NPT Female Thread	1-3/16"	Tip-Over Shut-Off Type
HB7HB-120RF	1" BSPT/BSPP/NPT Female Thread	1-3/16"	Reduced Foam Generation
HB7HB-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.

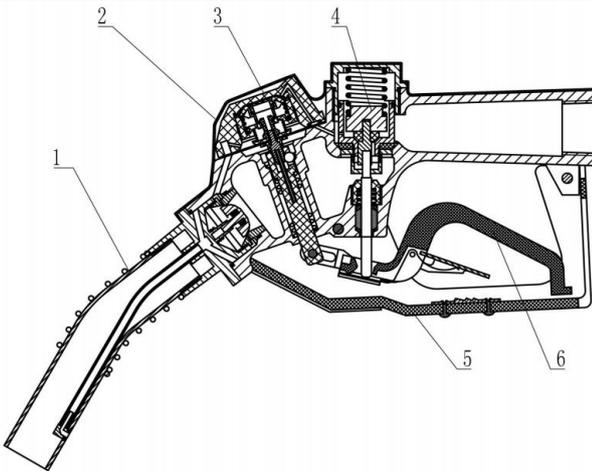
Color: Red, Green, Black, Blue Silver, White, Yellow, Gold etc. For option



Yellow Gold Blue Black Red Silver Green

Replacement Parts of HB7HB-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 Vacuum Assembly: Controls internal pressure
 - 4 Main Valve Assembly: Core valve for fuel flow control
 - 5 Lever Guard: Protects lever and vehicle surface
 - 6 Lever Assembly: Main handle for operation
- Compatible with model HB7HB-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 HB7HB-120 Series of Nozzles

HBC-04 Fuel Nozzle Hand Insulator



Material: PVC
 Size: To be used for HB7HB-120 Series of Fuel Nozzles
 Color: Can be customized

HBGR-01 Nozzle Guard

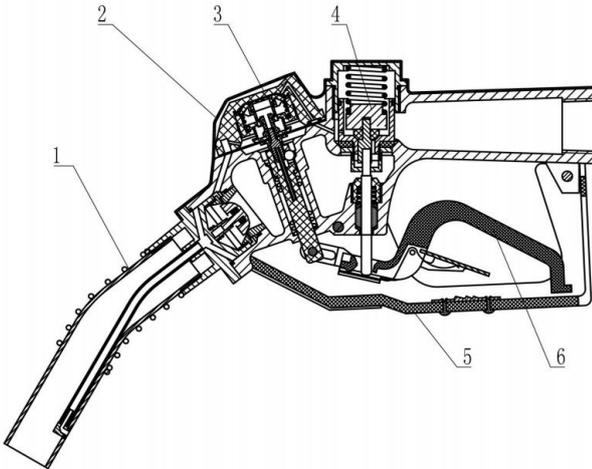


Material: Plastic
 Size: to be used for HB7HB-120, HB11A-60 & HB11A-45 Series of Automatic Nozzles

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HB Equipment shall be used in compliance with applicable country, province and local laws and regulations. Products selection shall be based on physical specifications and limitations and compatibility with the environment.

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 - 3 Vacuum Assembly: Controls internal pressure
 - 4 Main Valve Assembly: Core valve for fuel flow control
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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-04 Diaphragm



Material: Plastic & Fabric-reinforced Rubber
 Size: to be used for HB11B-60 & HB11B-45
 & HB7HB-120 Automatic Nozzle

More Images:

