

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



The HBZVA-120 Series High Flow Automatic Fuel Nozzle is engineered for heavy-duty fueling environments where speed, durability, and safety are essential. Designed for use in commercial settings such as truck stops, fleet depots, and bus refueling stations, it provides reliable automatic shut-off and consistent high-flow performance.

**Materials:**

Body: Aluminum  
 Lever: Steel with Black electrophoretic coating  
 Lever Guard: Plastic  
 Inlet Swivel: Aluminum DN25 female or male thread  
 Spout: Aluminum (with Stainless steel Tip for Option)  
 Hand Insulator: PVC  
 Seals: Buna-N, Viton for Option  
 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 145 L/min  
 Working Pressure: 0.5 - 3.5 bar  
 Temperature Range: -20 ° C to +55 ° C

**Package:**

Net Weight: 1.5 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
HBZVA-120	1" BSPT/BSPP/NPT Female/Male Thread	1-3/16"	Regular Type
HBZVA-120ST	1" BSPT/BSPP/NPT Female/Male Thread	1-3/16"	With SS304 Spout Tip

**Key Features:**

Venturi-type automatic shut-off with built-in safety cut-out attitude valve  
 Integrated check valve  
 Three-speed lever latch with removable latch pin  
 Swivel hose inlet DN 25 with pressure flushing capability  
 Equipped with strainer (25 mesh)(with or without for option)  
 Soft black PVC cover for comfort and durability  
 Body and spout made of aluminum; spout tip crafted from stainless steel(for option)  
 Protective guard made of high-strength composite material  
 Internal parts and swivel constructed from stainless steel, gunmetal, and brass;  
 Steel components are galvanized and chromated for corrosion resistance  
 Seals made of NBR, polyurethane, and FKM  
 Standards & Compliance: Complies with EN 13012

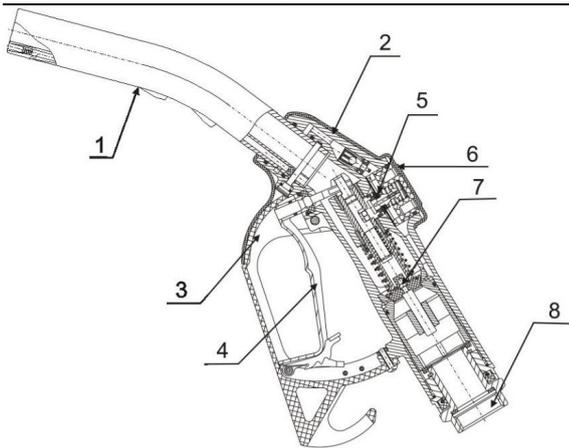
Color: Red, Green, Black, Blue Silver, White, Yellow, Gold etc. For option



**Yellow      Gold      Blue      Black      Red      Silver      Green**

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

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**Key Part Name Description**

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

**HBLEV-02 Nozzle Lever Assembly**



Material: Plastic & Steel  
 Size: for HBZVA-60, HBZVA-45 & HBZVA-120  
 Usage: Opening fuel nozzle

**HBC-06 Fuel Nozzle Hand Insulator**



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

**HBSP07 Nozzle Spout**



Pipe Material: Aluminum  
 Size: 1-3/16" to be used for HBZVA-120 Series of Automatic Nozzles

**HBGR-02-M Nozzle Guard**

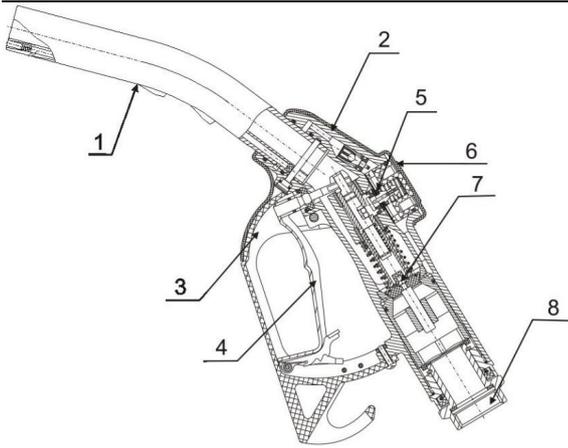


Material: Plastic & Steel  
 ( with or without Magnet for option)  
 Size: to be used for HBZVA-60, HBZVA-45 & HBZVA-120 Series of Automatic Nozzles

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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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Easy to replace  
Saves time and cost

### HBGR-02 Nozzle Lever Guard



Material: Plastic & Steel  
( with or without Magnet for option)  
Size: to be used for HBZVA-60, HBZVA-45 & HBZVA-120 Series of Automatic Nozzles

### HBDA-02 Diaphragm



Material: Plastic & Fabric-reinforced Rubber  
Size: to be used for HBZVA-60, HBZVA-45 & HBZVA-120 Series of Automatic Nozzles

More Images:

