



HBZVA-60B/45B Series of Automatic Fuel Nozzles are designed to meet the expectations of today's customers: compact, lightweight, and easy to handle. Engineered for durability and long-lasting performance, these nozzles offer reliable service in various fueling environments.

### Materials:

Body: Aluminum  
Lever & Lever Guard: Composite Plastic  
Spout: Aluminum with Stainless steel Tip  
PVC scuff guard and comfort grip  
Inlet aluminum swivel is with stainless steel nut  
Lip seal, O-rings, and diaphragm made of polyurethane and NBR; Inner components: brass, stainless steel, POM, and PEEK  
Compatible Fuels: Gasoline, diesel, fuel oil, petroleum,  
Not suitable for viscous oils or water (risk of corrosion)

### Technical Specifications:

Flow Rate Range:  
HBZVA-60B:  $7 \pm 2$  L/min to 70 L/min  
HBZVA-45B:  $7 \pm 2$  L/min to 60 L/min  
Working Pressure: 0.5 - 3.5 bar  
Temperature Range: -20 ° C to +55 ° C

### Package:

Net Weight: 1 kg/pc; Gross Weight: 1.2kg/pc  
42x39x34 cm/case of 10pc

### Ordering Specifications:

Item No.	Inlet Size & Thread Standard	Outlet Spout Diameter with SS Tip
HBZVA-60B	1" BSPT/BSPP/NPT Female/Male Thread	15/16"(OD25mm; ID19mm)
HBZVA-45B	1" /3/4"BSPT/BSPP/NPT Female/Male Thread	13/16"(OD21mm; ID17mm)

**The nozzle can be with HBGR-02-M Lever Guard is with or without Magnet for option;  
The nozzle can be also with HBGR-02 Lever Guard is without Magnet**

### 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 or DN19 with pressure flushing capability  
Equipped with strainer (25 mesh)  
Soft black PVC cover for comfort and durability  
Body and spout made of aluminum; spout tip crafted from stainless steel  
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-60B/45B Fuel Nozzle are Available for Easy Maintenance

## HBLEV-02 Nozzle Lever Assembly



Material: Plastic & Steel  
Size: for HBZVA-60B, HBZVA-45B Regular Nozzle & HYQ-C Vapor Recovery Nozzle  
Usage: Opening fuel nozzle

## HBC-07 Fuel Nozzle Hand Insulator



Material: : PVC  
Size: To be used for HBZVA-60B/45B Series of Fuel Nozzles  
Color: Can be customized

## HBSP06 & HBSP06-2 Nozzle Spout



Pipe Material: Aluminum  
Size: HBSP06 is 13/16"(OD21mm; ID17mm) to be used for HBZVA-45B Series of Automatic Nozzle  
Size: HBSP06-2 is 15/16" (OD25mm; ID19mm) to be used for HBZVA-60B Series of Automatic Nozzle

## HBGR-02-M Nozzle Guard



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

## 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-60B, HBZVA-45B, HBZVA-60, HBZVA-45 & HBZVA-120 Series of Automatic Nozzles