



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 ± 2L/min to 70 L/min
 HBZVA-45B: 7 ± 2L/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