



NDL Industries

APPLICATIONS

Refrigeration, Commercial HVAC-R, VRV, VRF, Multi-mini Split, and Sub-critical Applications.

Ball Valve Box Kits

NDL Ball Valves perform unlike any other in its class for leak prevention, reliability, and superior field performance. Combined with our EPDM-based, closed-cell, lightweight elastomeric thermal insulation, the NDL Box Kit is best in its class.

NBV Specifications



Heavy-Duty Full Port Valves

Built to last with 900 PSIG working pressure on sizes up to 7/8".

Bottom-Up Stem Installation

Our stem placement is engineered from the bottom up. If there is an accidental over-pressurization in the valve, it will not blow the stem out and lose the charge. Plus, using the virgin Teflon seals ensures no need for seal replacement.

Two-Piece Cap Nut

No need to remove the cap during installation or service. Loosen the nut, turn 1/4 of the stem cap, and open the valve fully; close by turning 1/4 again. Tighten the nut, and the job is complete.

Oven-brazed Construction

Joined together with a smooth and equal brazing process to prevent pinhole leaks.

Unparalleled Two-year Warranty

Our warranty proves confidence, along with proudly stamping every valve with a serial number and cleanly packaging in a poly-bag to prevent contamination and malfunctions.

Teflon Seals and Seats

Reduce service calls, refrigerant loss, and environmental contamination with our cone-shaped 100% virgin Teflon seals and seats that will not shrink or leak, eliminating seal replacement during changeovers.

NBV-IN Specifications



EPDM-Based

Tough skin for easy installation.

Closed-Cell

Self-extinguished and does not melt when burned.

Lightweight elastomeric thermal insulation for temperatures up to 150°C (302°F)

Indoor and outdoor use.



Ball Valve Box Kits

NBV Certifications and Approvals

UL/cUL 207, CRN recognized, CE approved, RoHS compliant



Ball Valve Box Kits

PART #	OD - DESCRIPTION
NBV02BOX	1/4" Full Port Ball Valve without Schrader including Insulation (Box Kit)
NBV03BOX	3/8" Full Port Ball Valve without Schrader including Insulation (Box Kit)
NBV04BOX	1/2" Full Port Ball Valve without Schrader including Insulation (Box Kit)
NBV05BOX	5/8" Full Port Ball Valve without Schrader including Insulation (Box Kit)
NBV06BOX	3/4" Full Port Ball Valve without Schrader including Insulation (Box Kit)
NBV07BOX	7/8" Full Port Ball Valve without Schrader including Insulation (Box Kit)
NBV02SBOX	1/4" Full Port Ball Valve with Schrader including Insulation (Box Kit)
NBV03SBOX	3/8" Full Port Ball Valve with Schrader including Insulation (Box Kit)
NBV04SBOX	1/2" Full Port Ball Valve with Schrader including Insulation (Box Kit)
NBV05SBOX	5/8" Full Port Ball Valve with Schrader including Insulation (Box Kit)
NBV06SBOX	3/4" Full Port Ball Valve with Schrader including Insulation (Box Kit)
NBV07SBOX	7/8" Full Port Ball Valve with Schrader including Insulation (Box Kit)
NBV02SZBOX	1/4" Press Compatible Ball Valve with Schrader including Insulation (Box Kit)
NBV03SZBOX	3/8" Press Compatible Ball Valve with Schrader including Insulation (Box Kit)
NBV04SZBOX	1/2" Press Compatible Ball Valve with Schrader including Insulation (Box Kit)
NBV05SZBOX	5/8" Press Compatible Ball Valve with Schrader including Insulation (Box Kit)
NBV06SZBOX	3/4" Press Compatible Ball Valve with Schrader including Insulation (Box Kit)
NBV07SZBOX	7/8" Press Compatible Ball Valve with Schrader including Insulation (Box Kit)
NBV09SZBOX	1-1/8" Press Compatible Ball Valve with Schrader including Insulation (Box Kit)
NBV12MSBOX	1/2" Mini Split Ball Valve including Insulation (Box Kit)
NBV14MSBOX	1/4" Mini Split Ball Valve including Insulation (Box Kit)
NBV38MSBOX	3/8" Mini Split Ball Valve including Insulation (Box Kit)
NBV58MSBOX	5/8" Mini Split Ball Valve including Insulation (Box Kit)
NBV12MSFFSBOX	1/2" Mini-Split Ball Valve, Female Side Schrader Box Kit
NBV14MSFFSBOX	1/4" Mini-Split Ball Valve, Female Side Schrader Box Kit
NBV38MSFFSBOX	3/8" Mini-Split Ball Valve, Female Side Schrader Box Kit
NBV58MSFFSBOX	5/8" Mini-Split Ball Valve, Female Side Schrader Box Kit



Explore our full line of high-quality HVAC-R, CO₂ Refrigeration, and Hydronic products.

ndlindustries.com | 1-866-635-6888 | sales@ndlinc.com

@ndlindustries

