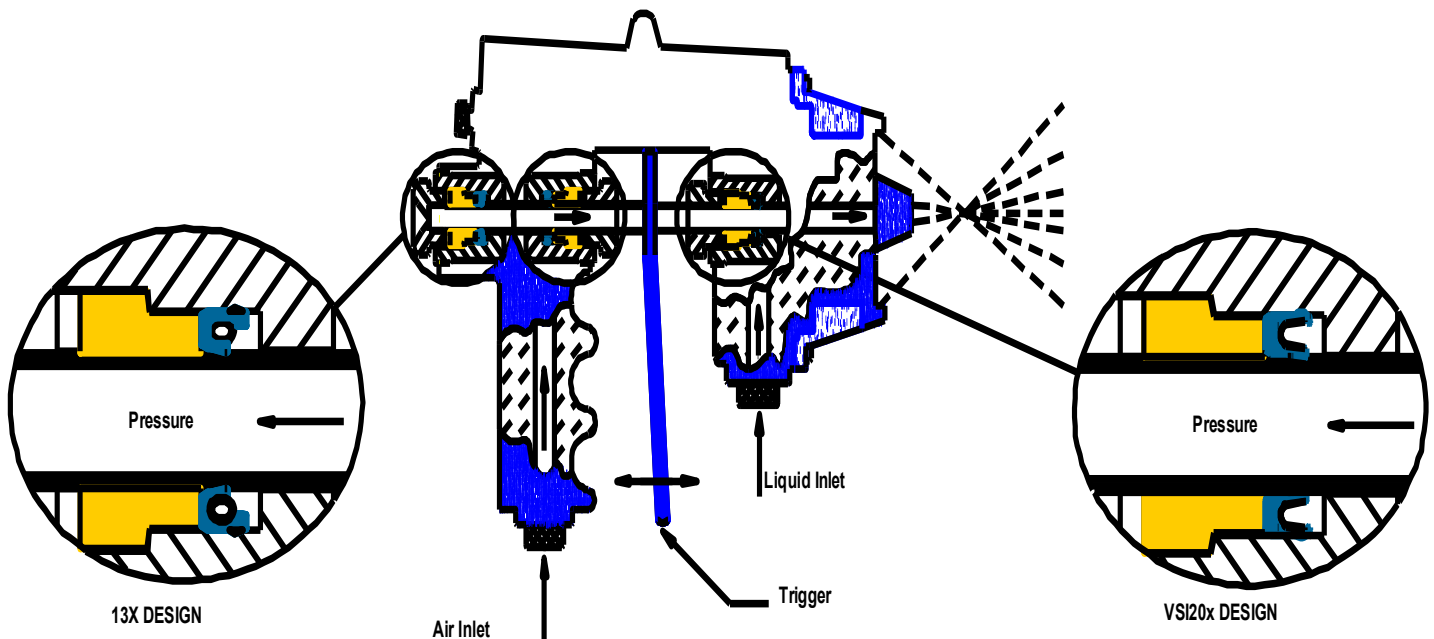


BAL SEAL® SEALS IN HAND-HELD SPRAY GUNS

Many industries, such as aerospace, automotive, and heavy equipment use spray guns to coat or paint surfaces with protective or cosmetic coverings. Bal Seal provides a low-friction, cantilever-energized seal design that keeps the paint or the coatings from escaping into the environment by wiping the dynamic hardware. Low friction allows the spray gun to operate smoothly and provide accurate paint or coating dispensing onto a surface.

An unfilled or filled PTFE seal material and the near-constant, patented, canted-coil spring or cantilever energizer provide low friction and excellent chemical compatibility.



Operating Parameters

Pressure:	75 to 2,000 psi (5.27 to 141 kg/cm ²)
Speed:	Slow
Temperature:	70 °F to 120 °F (21 °C to 49 °C)
Media:	Air, paint, coatings and aggressive fluids
Additional:	Low friction, chemical compatibility, and low-cost sealing solution

Seal Selection: 13X and VSI20X

Bal Seal seal series 13X is selected for its low friction wiper design.

Bal Seal seal series VSI20X is selected for its scraping and wiping action

Features:

- Unique seal geometry provides excellent sealing of viscous media and solvents
- Patented, canted-coil spring energizer provides near-constant force for long seal life
- Filled PTFE seal materials have excellent wear resistance and chemical compatibility

For more information and technical assistance, contact a technical sales representative.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

U.S. Address: 19650 Pauling Foothill Ranch, CA 92610-2610 • Phone: (949) 460-2100 • Fax: (949) 460-2300

BV Address: VIDA Building, First Floor • Kabelweg 57 • 1014 BA Amsterdam • The Netherlands • Phone: 31 20 638 65 23 • Fax: 31 20 625 60 18

Bal Seal Engineering is certified to ISO 9001 | www.balseal.com