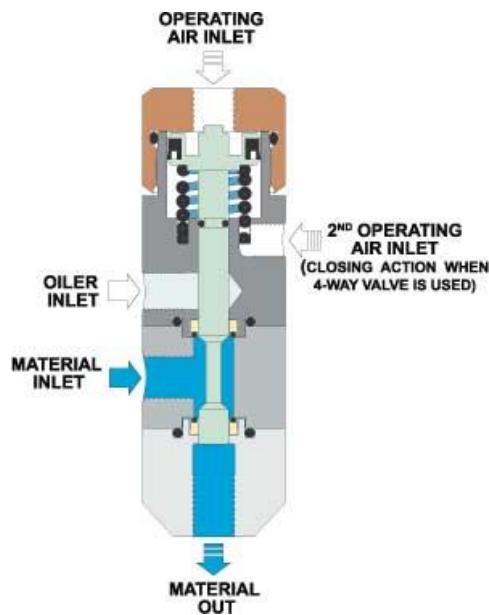


790HP-LF - High Volume Valve



790HP-LF High Pressure Spool Valve



The 790HP-LF series high-pressure dispense valve is an economic solution when dispensing high viscosity materials such as silicones, RTV, sealant and grease. The 790HP-LF provides a snap-release shut off after dispensing, resulting in a suck-back at the fluid outlet, preventing any drip or post extrusion.

3-Way & 4-Way Valve Operation

The 790HP-LF is a balanced type "on/off" segmented high-pressure spool valve. Applying a minimum of 50 psi to the air inlet will force the spool forward, under tension from an internal return spring, dispensing the material.

Releasing the air pressure results in the internal spring snapping back into position and closing the valve.

790HP-LF valves can be used with a 3-way air valve controller DSP501N. Should the operation require automation, a faster closing action can be achieved using the 4-way valve controller VC1195N.

Features

- High-pressure fluid input up to 2500 psi
- Suitable for very high viscosity fluids
- Replaceable seals

Model

790HP-LF	High-pressure valve aluminum
790HPSS-LF	High-pressure valve stainless steel

Accessories (optional)

DSP501N	3-way controller 110/220V CE
VC1195N	4-way controller 110/220V CE
580018-LF	Repair kit without valve spool
580017-LF	Repair kit with valve spool
IJ934K	Air & fluid I/O accessory kit
5601390	Tip adapter (Pk/3)
913	3/8" material tube fitting
914	3/8" material tube elbow

790HP-LF Specifications:

Material input pressure: Max. 2500psi (172.4 bar)

Air pressure required: Min. 60psi (4.1 bar)

Valve body

790HP-LF: Aluminum

790HPSS-LF: Stainless Steel

Connecting Ports

Operating air input: 1/4" NPT

Material inlet: 1/4" NPT

Material outlet: 1/4" NPT

Seals: O-ring - viton, seats are glass filled Teflon