

415 Series Piston Check Valve



Configure
your exact valve



SCAN ME

Design Considerations

- Incorporates piston with an embedded o-ring that seals on the seat
- Pressure in flow direction moves piston and seal off seat, exposing cross holes in the piston
- Compact design and has positive seal at very low back pressure or slight vacuum
- UL / UR configurations are available and rated to 500 psi

Specifications:

Material Option	BODY and PISTON -316 Stainless, Brass RETAINER - 15-7 Stainless, Beryllium Copper
Plating Option	No Plating, Electroless Nickel Plating
Body Option	1/4 Female NPT Inlet x 1/4 Female NPT Outlet
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Perfluorelastomer, Aflas®
Spring Option:	302 Stainless – .33 psi, 1 psi, 3 psi, 5 psi, 22 psi
Material - Cracking Pressure	No spring
Cv Value	1.2
Full Port	.265 in
Maximum Operating Pressure	500 psi
Temperature Range	*** NOT RATED FOR STEAM *** Buna-N -35°F to +250°F Ethylene Propylene (EPDM) -65°F to +300°F Fluoroelastomer (Viton®) -15°F to +400°F Neoprene -35°F to +250°F Perfluorelastomer +5°F to +550°F Aflas® +25°F to +450°F

Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
Stainless	1/4 FNPT	1/4 FNPT	Viton®	1/3 psi

Part Numbers are a description of the valve as read left to right, Inlet Port to Outlet Port.

CHK SST 415-4F4F-F, 1/3# = Stainless Steel Body and Ends, Piston

Check Valve, 1/3 Female NPT Inlet x 1/3 Female NPT Outlet, Viton® Seals, 1/3 psi Spring