



Vertically Integrated, Made in the USA
www.specialtymfg.com

THE SPECIALTY MFG. CO.

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SMC will quote alternate materials or customize our standard products when quantities ensure competitive pricing.

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110 SERIES PISTON CHECK VALVES

10-32, 1/16" to 1/8" BARB



Design Considerations

- The Guided Piston with an embedded o-ring that seals on the seat, providing a positive seal at low back pressure or a slight vacuum
- A 1 psi Hastelloy Spring is available for chemical resistance applications

Example of how to order

Type	Inlet Port	Outlet Port	Seal	Spring
Piston Check Valve	10-32 Female	10-32 Female	Buna	4.5 psi Stainless

Part Numbers are a description of the valve as read left to right, Inlet End to Outlet End.
UCV 110-10-32F,10-32F-B,4.5# = Electroless Nickel Plated Brass Body and Ends, Piston Check Valve, 10-32 Female Inlet x 10-32 Female Outlet, Buna Seals, 4.5 psi Spring

Specifications

Material	BODY and PISTON - Electroless Nickel Plated Brass
Inlet End	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
Outlet End	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®) *** Please ask us about Seal Materials not listed above. ***
Spring Option: Cracking Pressure and Material	1 psi - 302 Stainless 4.5 psi - 302 Stainless 1 psi - Hastelloy® No Spring
Maximum Operating Pressure	0 to 125 psi
Maximum Operating Temperature	Buna-N -10°F to 250°F Ethylene Propylene (EPDM) -50°F to 300°F Fluoroelastomer (Viton®) -10°F to 375°F *** NOT RATED FOR STEAM ***
Compatibility Statement	It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.

