

POLYSULFONE

VC-IG SERIES



The VC-IG Series Plastic Check Valves have housing molded of Polysulfone or Polypropylene with either a POM or Silicone disc. Cracking pressure for these units is .8 H²O or .028 psi. The 10-32 inch units have a cracking pressure of 10 H²O or .36 psi. These check valves were made to be used in low pressure applications. Reverse flow at 1 psi is available as follows: Polypropylene with Silicone: .20 SCIM, Polysulfone with POM 2.98 SCIM, Polysulfone with POM 1.00 SCIM R2, Polysulfone with Silicone .20 SCIM, and Polysulfone with Silicone .06 SCIM 10-32 inch Female ports only. Maximum pressure is 10 psi excluding the 10-32 inch port which is rated for 75 psi.

SKU	Description
VC-IG-1032F-PSS	1032 Female PS Silicon Check Valve
VC-IG-1B-PPS	1/16 Barb PP Silicone Check Valve
VC-IG-1B-PSC R2	1/16 Barb PS Celcon® Check Valve
VC-IG-1B-PSS	1/16 Barb PS Silicone Check Valve
VC-IG-1S-PPS	1/16 Shaft PP Silicone Check Valve
VC-IG-1S-PSC	1/16 Shaft PS Celcon® Check Valve
VC-IG-1S-PSC R2	1/16 Shaft PS Celcon® Check Valve
VC-IG-1S-PSS	1/16 Shaft PS Silicone Check Valve
VC-IG-2B-PPS	1/8 Barb PP Silicone Check Valve
VC-IG-2B-PSC R2	1/8 Barb PS Celcon® Check Valve
VC-IG-2B-PSS	1/8 Barb PS Silicone Check Valve

RA SERIES



RA Series are precision relieving regulators made of a Polysulfone body with EPDM seals, Stainless steel springs. 150 PSI maximum input with a 24 turn adjust allows settings to 1 Inch WC. Available with threads of 10-32 Female or 1/8 inch NPT. These non-relieving regulators can be purchase in a low profile preset design with pressure ranges are 3.5, 10, 30, 60, or 90 psi. Optional with a standard screwdriver slot adjustment. Can be purchased as a relieving regulator. Used for robotics, medical equipment, and process control applications.

SKU	Description
RA-10-18F-K	Regulator 10 psi 1/8 inch NPT Knob
RA-18-10WK	Regulator 10 psi 1/8 inch NPT 0-10 Knob
RA-18-3.5WK	Regulator 10 psi 1/8 inch NPT 0-10 Knob
RA-18-30WK	Regulator 30 psi 1/8 inch NPT 0-30 Knob
RA-18-NR-10WOS	Regulator NR 10 psi 1/8 inch NPT 0-10 WOS
RA-30-1032-K-R	Regulator 30 psi 10-32 Ports Knob Relieving
RA-1032-3.5P	10-32 Female 3.5 psi Relieving
RA-1032-10P	10-32 Female 10 psi Relieving
RA-1032-30P	10-32 Female 30 psi Relieving
RA-1032-60P	10-32 Female 60 psi Relieving
RA-1032-10P-SL-R	10-32 Female 10 psi with Screwdriver Slot, Relieving

IF-IG POLYSULFONE FILTER



The IF-IG Series Polysulfone Filters have a 316 Stainless Steel Filter screen in 5, 25, 43, or 75 microns. Units are over one inch in length. The maximum operating pressure is 125 psi. Filters can be passivated.

SKU	Description
IF-IG-1B-25	1/16 inch Barb Polysulfone, 25 Micron
IF-IG-1B-43	1/16 inch Barb Polysulfone, 43 Micron
IF-IG-1B-5	1/16 inch Barb Polysulfone, 5 Micron
IF-IG-1B-73	1/16 inch Barb Polysulfone, 73 Micron
IF-IG-2B-25	1/8 inch Barb Polysulfone, 25 Micron
IF-IG-2B-43	1/8 inch Barb Polysulfone, 43 Micron
IF-IG-2B-5	1/8 inch Barb Polysulfone, 5 Micron
IF-IG-2B-73	1/8 inch Barb Polysulfone, 73 Micron



AO-IG SERIES

The AO-IG Series is a thread-to-barb fitting made of FDA-approved Polysulfone with an integral precision orifice. The threads are 10-32 inch male UNF threads and the barbs are either 1/8 inch or 1/16 inch. The maximum operating pressure is 100 psi.

SKU	Description
AO-IG-10X1B-004	10-32 inch Male UNF by 1/16 inch, .004 Polysulfone Adapter Orifice
AO-IG-10X1B-005	10-32 inch Male UNF by 1/16 inch, .005 Polysulfone Adapter Orifice
AO-IG-10X1B-006	10-32 inch Male UNF by 1/16 inch, .006 Polysulfone Adapter Orifice
AO-IG-10X1B-007	10-32 inch Male UNF by 1/16 inch, .007 Polysulfone Adapter Orifice
AO-IG-10X1B-010	10-32 inch Male UNF by 1/16 inch, .010 Polysulfone Adapter Orifice
AO-IG-10X1B-012	10-32 inch Male UNF by 1/16 inch, .012 Polysulfone Adapter Orifice
AO-IG-10X1B-016	10-32 inch Male UNF by 1/16 inch, .016 Polysulfone Adapter Orifice
AO-IG-10X1B-020	10-32 inch Male UNF by 1/16 inch, .020 Polysulfone Adapter Orifice
AO-IG-10X1B-025	10-32 inch Male UNF by 1/16 inch, .025 Polysulfone Adapter Orifice
AO-IG-10X1B-030	10-32 inch Male UNF by 1/16 inch, .030 Polysulfone Adapter Orifice
AO-IG-10X1B-040	10-32 inch Male UNF by 1/16 inch, .040 Polysulfone Adapter Orifice
AO-IG-10X2B-004	10-32 inch Male UNF by 1/8 inch, .004 Polysulfone Adapter Orifice
AO-IG-10X2B-005	10-32 inch Male UNF by 1/8 inch, .005 Polysulfone Adapter Orifice
AO-IG-10X2B-006	10-32 inch Male UNF by 1/8 inch, .006 Polysulfone Adapter Orifice
AO-IG-10X2B-007	10-32 inch Male UNF by 1/8 inch, .007 Polysulfone Adapter Orifice
AO-IG-10X2B-010	10-32 inch Male UNF by 1/8 inch, .010 Polysulfone Adapter Orifice
AO-IG-10X2B-012	10-32 inch Male UNF by 1/8 inch, .012 Polysulfone Adapter Orifice
AO-IG-10X2B-016	10-32 inch Male UNF by 1/8 inch, .016 Polysulfone Adapter Orifice
AO-IG-10X2B-020	10-32 inch Male UNF by 1/8 inch, .020 Polysulfone Adapter Orifice
AO-IG-10X2B-025	10-32 inch Male UNF by 1/8 inch, .025 Polysulfone Adapter Orifice
AO-IG-10X2B-030	10-32 inch Male UNF by 1/8 inch, .030 Polysulfone Adapter Orifice
AO-IG-10X2B-040	10-32 inch Male UNF by 1/8 inch, .040 Polysulfone Adapter Orifice



AF-IG SERIES

The AF-IG Series Polysulfone Filters are 10-32 by 1/16 or 1/8 inch Barbs with 5, 25, 43, or 73 micron and 316 Stainless Steel Filter.

SKU	Description
AF-IG-101B-43	10-32 by 1/16 inch Barb 43 Micron Stainless Steel
AF-IG-102B-5	10-32 by 1/8 inch Barb 5 Micron 316 Stainless Steel
AF-IG-1B-5	10-32 by 1/16 inch Barb 5 Micron
AF-IG-1B-25	10-32 by 1/16 inch Barb 25 Micron
AF-IG-1B-43	10-32 by 1/16 inch Barb 43 Micron
AF-IG-1B-73	10-32 by 1/16 inch Barb 73 Micron
AF-IG-2B-5	10-32 by 1/8 inch Barb 5 Micron
AF-IG-2B-25	10-32 by 1/8 inch Barb 25 Micron
AF-IG-2B-43	10-32 by 1/8 inch Barb 43 Micron
AF-IG-2B-73	10-32 by 1/8 inch Barb 73 Micron

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