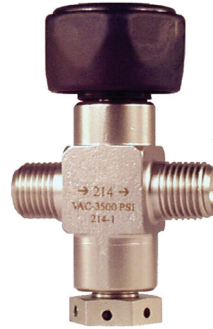
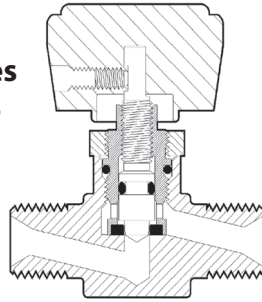


VALVES FOR SAMPLE CYLINDERS

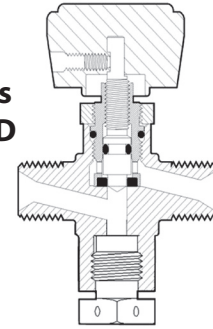
We offer a wide variety of valve types and materials to fit your specific request.



**Series
314**



**Series
314RD**



ORDERING INFORMATION

VALVES

Model	Inlet Port	Outlet Port	WT
314-1	1/4 NPT Male	1/4 NPT Male	.31
314-1-4D	1/4 NPT Male	1/4 Tube Female	.36
314-13	1/4 NPT Male	1/4 NPT Female	.31
314-13A	1/4 NPT Male	1/4 NPT Female	.31

Note: The above models ship with Buna-N O-Rings, Kel-F seats (without metal insert), black handles, and 303 stainless steel bodies, bonnets, and stems. The above models do not include dip tubes or rupture discs. To change the standard configuration add the following suffixes to the model number.

316 Stainless Body, Bonnet, and Stem	-768
Monel Body, Bonnet, and Stem	-M
Buna-N O-Rings for MTBE Service	-59
Kalrez™ O-Rings	-08
Ethylene Propylene O-Rings	-06
Viton O-Rings	-12
Teflon Seat	-T
Nylon Seat	-N
Seat with Metal Insert	-763
2" Dip Tube	-2E
3 3/4" Dip Tube	-3 3/4
Red Handle (other colors available on special order)	-R

BONNET ASSEMBLIES

Part Number	Seat Material
KA309	Kel-F (PCTFE)
TA309	Teflon
NA309	Nylon

Note: If more than one modification is required, add dash code to model number in sequence listed. Dash codes also apply to bonnet assemblies where applicable.

ORDERING INFORMATION

VALVES

Model Number	Inlet Port	Outlet Port
314-1RD_____***	1/4 NPT Male	1/4 NPT Male
314-13RD_____***	1/4 NPT Male	1/4 NPT Female
314-13ARD_____***	1/4 NPT Male	1/4 NPT Female

***To complete the above Model Number, add the desired nominal burst pressure from the following standard choices - 500, 1000, 1500, 1900, & 2850. Other burst pressures are available by special order. Selected burst pressure is etched on disc holder.

Note: The above models ship with Buna-N O-Rings, Kel-F seats (without metal insert), black handles, and 303 stainless steel bodies, bonnets, and stems. The above models do not include dip tubes. To change the standard configuration - add the following dash codes to the model number:

316 Stainless Steel Body, Bonnet, and Stem	-768
Monel Body, Bonnet, and Stem	-M
Viton O-Rings	-12
Buna-N O-Rings for MTBE Service	-59
Kalrez™ O-Rings	-08
Ethylene Propylene O-Rings	-06
Teflon Seat	-T
Nylon Seat	-N
Seat with Metal Insert	-763
2" Dip Tube	-2E
3 3/4" Dip Tube	-3 3/4
Red Handle (other colors available on special order)	-R

Note: If more than one modification is required, add dash code to model number in sequence listed. Dash codes also apply to Bonnet Assemblies and Rupture Disc Tees where applicable.

RUPTURE DISC ASSEMBLIES

The nominal rupture disc burst pressure should be at least 40% higher than the system operating pressure. Rupture disc burst pressure will be reduced by pulsating pressures, elevated temperature, and internal or external corrosion. In corrosive applications, regular inspections or pressure tests are necessary.

Use of this rupture disc in vacuum or alternating vacuum/pressure applications may cause premature disc failure. When vented, the rupture unit presents a potential danger caused by noise and escaping pressure, chemicals or fragmented particles.

The complete Rupture Disc Assembly consists of the disc, washer & holder. Each holder is etched with the nominal burst pressure and each disc is color coded for identification.

To replace or inspect rupture disc: 1 - Remove holder, Disc, & Washer from valve body. 2 - Re-install or replace the washer & disc, then thread in the holder. Holder should be torqued per the following:

Nominal Burst Pressure	Color Code	Torque in Inch Pounds
500	Blue	40
1000	Red	75
1500	Yellow	120
1900	Green	140
2850	Orange	215



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(see front for sample cylinders) ►