



Longer lasting,
Simple design.



STOPCOCK VALVES

3-Way 1/4-turn



Our 3-way PFA HP AstiPure® stopcock valves have been designed to meet the stringent requirements of chemicals used in the semiconductor process.

Sizes range from 1/4" to 1/2" and are offered in flare connections, making them ideal for quick installation.

1/4-turn manual actuator allows quick and easy operation from closed to open position and a straight through flow path.

Bi-directional pressure capability.

Available in 2 and 3 port connections and panel mount versions.

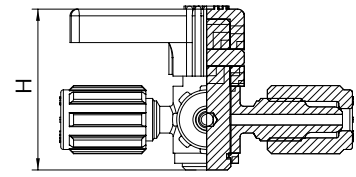
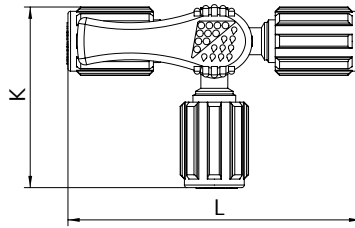
Customized products available upon request.

FEATURES/BENEFITS

- Wetted parts made from molded virgin ultrapure PFA HP and PTFE.
 - Ultrapure construction.
- 100% plastic construction: no metal or elastomers.
 - Prevents safety hazards and the possibility of contaminating your fluids.
- No wearing parts.
 - High reliability and maintenance free.
- Straight through flow path.
 - Minimizes the flow restriction.
- L and T functions.
 - Meet your different needs.

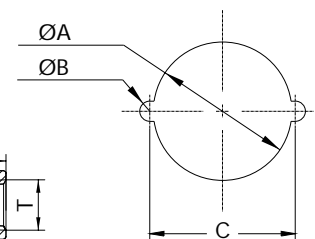
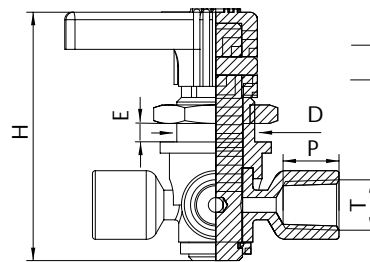
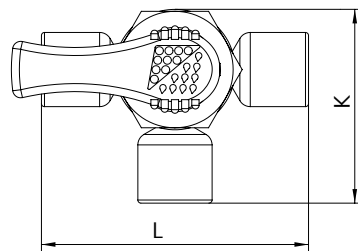
These valves combine well with our large orifice fittings, superior surface tubing and pumps. We lower your Cost of Ownership.

V31MF 3-Way Stopcock 1/4 Turn PFA HP Valve



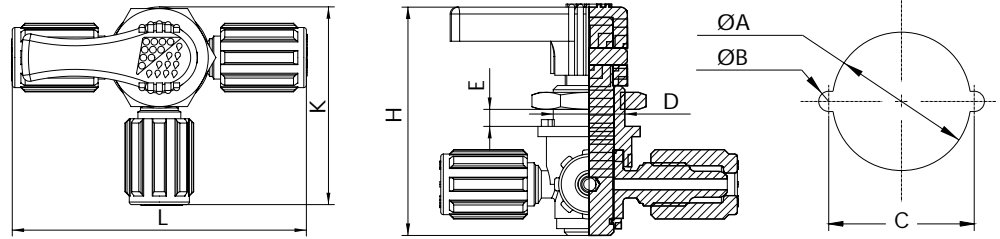
Part Number	Flare Connection		Orifice ID mm	H mm	L mm	K mm	Fluid Path
	mm	Inch					
V31 04 06L	4 x 6	5/32 x 1/4	4	48	67	52	L
V31 04 06T	4 x 6	5/32 x 1/4	4	48	67	52	T
V31 06 08L	6 x 8	1/4 x 5/16	4	48	82	52	L
V31 06 08T	6 x 8	1/4 x 5/16	4	48	82	52	T
V31 08 10L	8 x 10	5/16 x 3/8	8	67	91	74	L
V31 08 10T	8 x 10	5/16 x 3/8	8	67	91	74	T
V31 10 13L	10 x 13	3/8 x 1/2	8	67	117	75	L
V31 10 13T	10 x 13	3/8 x 1/2	8	67	117	75	T
V31 MF4L	3.8 x 6.4	5/32 x 1/4	3.2	48	89	55	L
V31 MF4T	3.8 x 6.4	5/32 x 1/4	3.2	48	89	55	T
V31 MF6L	6.4 x 9.5	1/4 x 3/8	4	48	95	58	L
V31 MF6T	6.4 x 9.5	1/4 x 3/8	4	48	95	58	T
V31 BMF6L	6.4 x 9.5	1/4 x 3/8	6.4	67	104	68	L
V31 BMF6T	6.4 x 9.5	1/4 x 3/8	6.4	67	104	68	T
V31 MF8L	9.5 x 12.7	3/8x 1/2	8	67	110	71	L
V31 MF8T	9.5 x 12.7	3/8x 1/2	8	67	110	71	T

V31FC 3-Way Stopcock 1/4 Turn Female Threaded & Panel Mounted PFA HP Valve



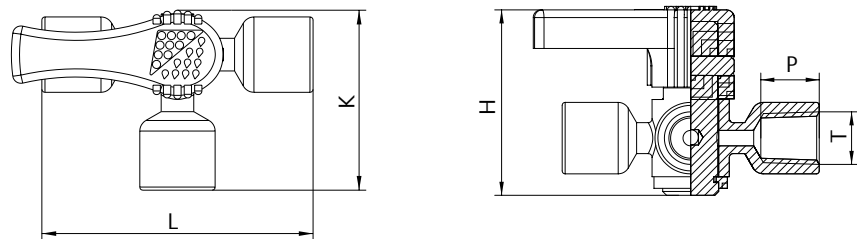
Part Number	Orifice ID mm	A mm	B mm	C mm	D mm	E mm	H mm	L mm	K mm	T NPT	P mm	Fluid path
V31 F4CL	4	22	5	24	21	5	67	67	44	1/4	15	L
V31 F4CT	4	22	5	24	21	5	67	67	44	1/4	15	T
V31 F6CL	8	34	5	36	33	5	87	79	56	3/8	15	L
V31 F6CT	8	34	5	36	33	5	87	79	56	3/8	15	T

V31MFC 3-Way Stopcock 1/4 Turn Panel Mounted PFA HP Valve



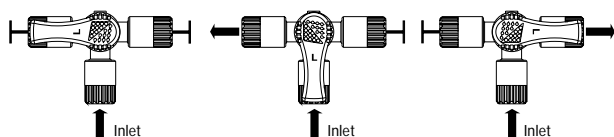
Part Number	Flare Connection		Orifice ID mm	A mm	B mm	C mm	D mm	E mm	H mm	L mm	K mm	Fluid Path
	mm	Inch										
V31 04 06CL	4 x 6	5/32 x 1/4	4	22	5	24	21	5	67	67	58	L
V31 04 06CT	4 x 6	5/32 x 1/4	4	22	5	24	21	5	67	67	58	T
V31 06 08CL	6 x 8	1/4 x 5/16	4	22	5	24	21	5	67	82	58	L
V31 06 08CT	6 x 8	1/4 x 5/16	4	22	5	24	21	5	67	82	58	T
V31 08 10CL	8 x 10	5/16 x 3/8	8	34	5	36	33	5	87	91	81	L
V31 08 10CT	8 x 10	5/16 x 3/8	8	34	5	36	33	5	87	91	81	T
V31 10 13CL	10 x 13	3/8 x 1/2	8	34	5	36	33	5	87	117	82	L
V31 10 13CT	10 x 13	3/8 x 1/2	8	34	5	36	33	5	87	117	82	T
V31 MF4CL	3.8 x 6.4	5/32 x 1/4	3.2	22	5	24	21	5	67	89	55	L
V31 MF4CT	3.8 x 6.4	5/32 x 1/4	3.2	22	5	24	21	5	67	89	55	T
V31 MF6CL	6.4 x 9.5	1/4 x 3/8	4	22	5	24	21	5	67	95	58	L
V31 MF6CT	6.4 x 9.5	1/4 x 3/8	4	22	5	24	21	5	67	95	58	T
V31 BMF6CL	6.4 x 9.5	1/4 x 3/8	6.4	34	5	36	33	5	87	104	68	L
V31 BMF6CT	6.4 x 9.5	1/4 x 3/8	6.4	34	5	36	33	5	87	104	68	T
V31 MF8CL	9.5 x 12.7	3/8x 1/2	8	34	5	36	33	5	87	110	71	L
V31 MF8CT	9.5 x 12.7	3/8x 1/2	8	34	5	36	33	5	87	110	71	T

V31F 3-Way Stopcock 1/4 Turn Female Threaded PFA HP Valve

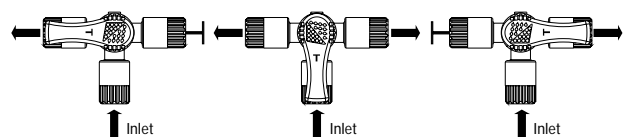


Part Number	Orifice ID mm	H mm	L mm	K mm	T NPT	P mm	Fluid Path
V31 F4L	4	48	67	44	1/4	15	L
V31 F4T	4	48	67	44	1/4	15	T
V31 F6L	8	67	79	56	3/8	15	L
V31 F6T	8	67	79	56	3/8	15	T

L Function



T Function



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