

HOW TO ORDER TOP VALVE*

*pat. #5,857,486 & 5,944,050

Back-Pressure and Pressure Relief Valves

Top Valve Standard Material of Construction

- Polycarbonate Top is **standard** on 1/2" to 2" sizes. CPVC top is standard on 1/4" and 1/4" / 1/2" sizes.
- PTFE laminated to EPDM diaphragm – standard on most units (up to 150 psig [temperature 140°F]) (see below for Misc. options)
- For High Temperature/High Pressure units the standard diaphragm is Viton (EPDM is an option)
- Stainless Steel Fasteners
- No Gauge Port – (see below for Misc. options)
- NPT Threaded Body – (see below for Valve Style or Connection options)
- 150 psig max. Rated – (see below for Valve Style or Connection options)
- 140°F (60°C) max. Temp. Rated – (see below for Valve Style or Connection options)

NOTE: CRN is available on certain valves. Please contact factory for price and availability.

Example: TVBP50-S/S-V-S

Top Valve
Back Pressure
FNPT Thread
1/2" Valve Port Connection
Body Material of 316 Stainless Steel
Viton Diaphragm
316 Stainless Steel Top

e.g.: Part # TVBP50-S/S-V-S

TV - B - P - 50 - S/S - V - S

Top Valve

Valve Type

B = Backpressure
P = Pressure Relief (3 port)
P2 = Pressure Relief (2 port)

Valve style or connection

P = Backpressure, FNPT thr'd
R = Pressure relief, FNPT thr'd* (3 port)
(Do Not Add to Part # for P2 Valve)*
FW = Welded Flanged
FT = Thr'd Companion Flg'd
F = Flanged Non-Metallic
S = Socket
B = BSPT thread
T = High Temperature to 300°F (149C°)
H = High Pressure to 350 psig – Metallic
M = Mid-Range Pressure to 230 psig – Thermoplastic
U = Union Type Connection (S/S only, see page 4)

Valve Port Connection Size

25 = 1/4"	10 = 1"
45 = 1/4 / 1/2"	15 = 1 1/2"
50 = 1/2"	20 = 2"
75 = 3/4"	

Top Options

Polycarbonate Top (standard on 1/2" – 2" sizes)
C = CPVC Top (standard on 25 & 45)
P = PVC Top (optional 1.5" +)
A = Aluminum Top
S = 316 S/S Top
XXX = Custom spring range

Misc. Options

E = EPDM Diaphragm
V = Viton Diaphragm
G = Gauge Port

Body Material of Construction

PVC = Polyvinylchloride
CPVC = Corzan
PP = Polypropylene
(unavailable for mid-range valves)
PVDF = Polyvinylidene fluoride
S/S = 316 Stainless steel
ALL20 = Alloy 20
Hast = Hastelloy C 276

As Manufactured by:



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