

# 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**
- 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  
½" Valve Port Connection  
Body Material of 316 Stainless Steel  
Viton Diaphragm  
316 Stainless Steel Top

### HOW TO ORDER

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 thread  
R = Pressure relief, FNPT thread (3 port)  
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)  
U = Union Connection (S/S only)

#### Valve Port Connection Size

25 = ¼"	10 = 1"
45 = ¼ x ½"	15 = 1½"
50 = ½"	20 = 2"
75 = ¾"	

#### Top Options

Polycarbonate top Standard  
C= CPVC Top (CRN only)  
P= PVC Top (**optional 1.5" +**)  
A= Aluminum Top  
S= 316 S/S Top  
XXX = Custom spring range

#### Misc. Options

E = EPDM Diaphragm  
P = PVC Diaphragm  
V = Viton Diaphragm  
G = Gauge port

#### Body Material of Construction

PVC = polyvinylchloride  
CPVC = Corzan  
PP = polypropylene  
PTFE = 25% glass filled PTFE\*  
PVDF = polyvinylidene fluoride  
S/S = 316 Stainless steel  
ALL20 = Alloy 20  
Hast = Hastelloy C 276

As Manufactured By:



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