



× INDICATES STANDARD CONSTRUCTION

MATERIAL/SIZE CODING	
X = A = (ALUMINUM ) <sup>×</sup>	
X = S6 = (316 STAINLESS STEEL)	
** = 25 = 1/4" & 1/4"/1/2" VALVES	
** = 57 = 1/2" & 3/4" VALVES	
** = 10 = 1" VALVES	
** = 15 = 1-1/2" VALVES	
** = 20 = 2" VALVES	
Ω = B = BACK PRESSURE	
Ω = P =PRESSURE RELIEF	
∅ = V = VITON <sup>×</sup>	
∅ = E = OPTIONAL EPDM	
Φ = 25 = 1/4" VALVES	
Φ = 45 = 1/4"/1/2" VALVES	
Φ = 50 = 1/2" VALVES	
Φ = 75 = 3/4" VALVES	
Φ = 10 = 1" VALVES	
Φ = 15 = 1-1/2" VALVES	
Φ = 20 = 2" VALVES	
^ = CPVC = (CPVC CORZAN)	
^ = PVDF = (POLYVINYLIDENE FLUORIDE KYNAR)	
^ = S/S = (316 STAINLESS STEEL)	
^ = HASTC = (HASTELLOY C276)	
^ = ALL20 = (ALLOY20)	
⊗ = G = GREEN = 1/4" VALVES	
⊗ = O = ORANGE = 1/4"/1/2" VALVES	
⊗ = Y = YELLOW = 1/2" VALVES	
⊗ = R = RED = 3/4" VALVES	
⊗ = B = BLUE = 1" VALVES	
⊗ = BK = BLACK = 1-1/2" VALVES	
⊗ = W = WHITE = 2" VALVES	
∇ = 25 = 1/4" & 1/4"/1/2" VALVES	
∇ = 5T = 1/2" THRU 2" VALVES	
⊕ = 25 = 1/4" & 1/4"/1/2" VALVES	
⊕ = 51 = 1/2" THRU 2" VALVES	

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 <u>X</u> - **
2	1	BODY	TV <u>Ω</u> -2 <u>^</u> - <u>Φ</u>
3	1	DIAPHRAGM	TVD-3- ** - <u>∅</u>
4	1	KNOB	TV <u>⊗</u> K-4
5	1	SPRING	TVS-5- <u>⊕</u>
6	1	TOP DISC	TVTD-6- <u>∇</u>
7	1	BOTTOM DISC	TVBD-7- <u>∇</u>
8	4	BOLTS*	TV <u>Ω</u> B-8 - **
9	4	NUTS	TVN-9- <u>⊕</u>
10	4	WASHERS	TVW-10- <u>⊕</u>
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- <u>^</u>

- UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART  
 \*1-1/2" PRESSURE RELIEF VALVES USE TVBB-8-15  
 \*2" PRESSURE RELIEF VALVES USE TVBB-8-20

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**Primary Fluid Systems Inc.**

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BACK PRESSURE & PRESSURE RELIEF VALVE

HIGH TEMP EXPLODED PARTS VIEW

SCALE	NTS	DISC	v12	DRAWN BY	BRB
DATE	06 06 05	APPROVED		DWG NO.	
PROJECT				EXTOPVALVEHT	REV.#
					4