



MATERIAL/SIZE CODING	
X = A	= (ALUMINUM) <sup>x</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>x</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
^ = S/S	= (316 STAINLESS STEEL)
^ = HASTC	= (HASTELLOY C276)
^ = ALL20	= (ALLOY20)
⊗ = 5/16	= 1/4" & 1/4"/1/2" VALVES
⊗ = 3/8	= 1/2" THRU 2" VALVES
⊕ = 2H	= 1/4" & 1/4"/1/2" VALVES
⊕ = 5H	= 1/2" THRU 2" VALVES
◆ = 25-STLHP	= 1/4" & 1/4"/1/2" VALVES
◆ = 51	= 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> - <u>**</u>
2	1	BODY	TV <u>Ω</u> -2 <u>^</u> - <u>Φ</u>
3	1	DIAPHRAGM	TVD-3- <u>**</u> - <u>∅</u>
4	1	KNOB	⊗ x 1-1/2CAP
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 - <u>**</u>
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  
 \* 1/4" & 1/4"/1/2" VALVE  
 (BACKPRESSURE AND PRESSURE RELIEF)  
 USE ONLY PART NUMBER TVPB-8-25-STLHP

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**Primary Fluid Systems Inc.**

1050 Cooke Boulevard, Burlington, Ontario L7T 4A8

BACK PRESSURE & PRESSURE RELIEF VALVE  
 HIGH PRESSURE EXPLODED PARTS VIEW

SCALE	NTS	DISC	v12	DRAWN BY	BRB
DATE	06 06 05	APPROVED		DWG NO.	REV.#
PROJECT				EXTOPVALVEHP	3

x INDICATES STANDARD CONSTRUCTION