



× INDICATES STANDARD CONSTRUCTION

MATERIAL/SIZE CODING			
X	=	PVC	= (TYPE 1 PVC)×
X	=	CPVC	= (CPVC CORZAN)
X	=	S6	= (316 STAINLESS STEEL)
X	=	A	= (ALUMINUM)
X	=	P	= (POLYCARBONATE)
**	=	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
∅	=	"BLANK"	= STD TEFLON LAM. EPDM×
∅	=	V	= OPTIONAL VITON
∅	=	E	= OPTIONAL EPDM
∅	=	P	= OPTIONAL PVC
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
^	=	PVC	= (PVC TYPE 1)
^	=	CPVC	= (CPVC CORZAN)
^	=	PP	= (POLYPROPYLENE)
^	=	TFE	= (TEFLON)
^	=	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
⊕	=	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

EXPLODED PARTS VIEW

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