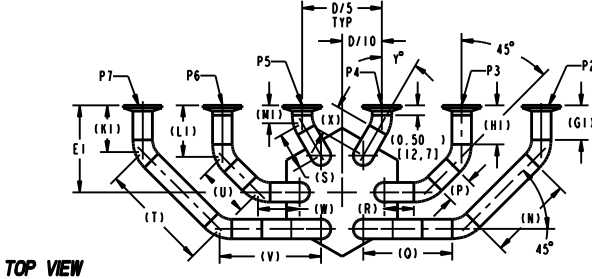
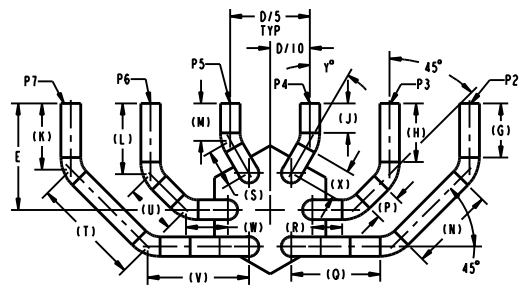


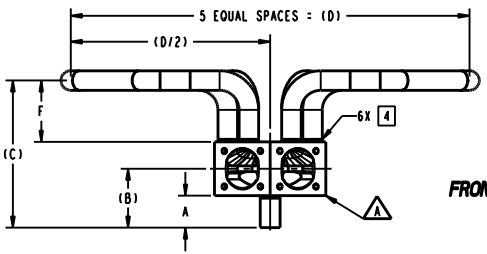
- NOTES:
1. "P" NUMBERS INDICATE PORT CONNECTION.
  2. TUBE ENDS MEET OR EXCEED THE FOLLOWING TANGENT LENGTHS  
1/4" - 1-1/2" = 1-1/2", 2" - 3" = 1-3/4"
  3. VALVE MUST BE INSTALLED WITH P1 VERTICALLY (UP OR DOWN) FOR OPTIMAL DRAINABILITY.
  4. FOR TUBE SIZE 1/4" - 3/4" WELD WILL BE IN AS WELDED CONDITION.
  5. FOR SIZES 1/4" & 3/8" SEE DRAWING I21962 FOR FABRICATION INSTRUCTIONS USING BENT TUBING.
  6. TUBING IS NOT REQUIRED FOR ALL ASSEMBLIES, REFER TO FABRICATION DIMENSIONS ON TABLE FOR WHEN IT IS NECESSARY.

TAG NUMBERS						
1	2	3	4	5	6	
VALVE ASSY	FIRST VALVE	SECOND VALVE	THIRD VALVE	FOURTH VALVE	FIFTH VALVE	SIXTH VALVE
I						

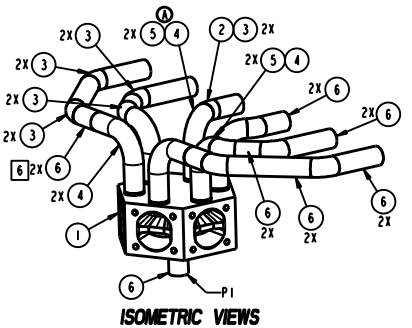
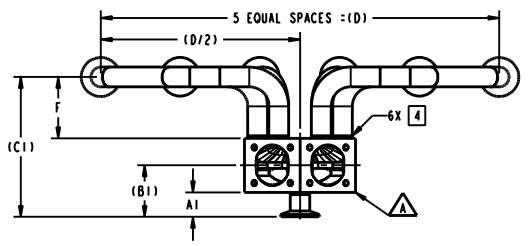
LIST OF MAJOR COMPONENTS	
ITEM	DESCRIPTION
1	6DV BODY (I21818)
2	ELBOW 30 DEG ZT
3	ELBOW 45 DEG ZT
4	ELBOW 90 DEG BPE
5	ELBOW 90 DEG F1ZT
6	TUBING
7	FERRULE TRI-CLAMP



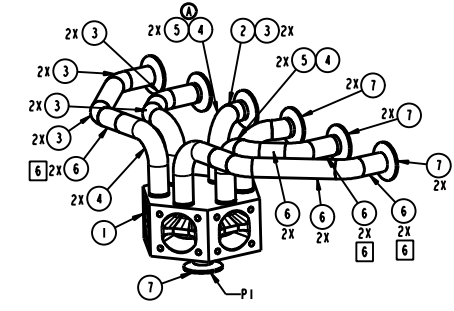
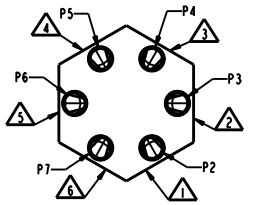
TOP VIEW



FRONT VIEW



ISOMETRIC VIEWS



VALVE SIZE	A	A1	B	B1	C	C1	D	E	E1	F	G	G1	H	H1	J	K	K1	L	L1	M	M1	N	P	O	R	S	T	U	V	W	X	Y	
1/4" BP	1.63	1.26	2.36	1.99	5.85	5.48	14.81	4.22	3.22	2.75	2.75	1.75	2.98	1.98	2.98	1.98	2.98	1.98	1.65	0.65	2.81	1.28	4.23	1.73	1.71	3.27	1.74	4.47	1.96	1.56		30°	
1/4" BT	[41,3]	[31,9]	[59,9]	[50,5]	[148,5]	[139,1]	[376,3]	[107,1]	[81,7]	[69,9]	[69,9]	[44,4]	[175,8]	[150,4]	[175,8]	[150,4]	[175,8]	[150,4]	[41,9]	[16,5]	[71,3]	[32,5]	[107,5]	[43,9]	[43,5]	[83,2]	[44,3]	[113,5]	[49,8]	[39,7]		30°	
3/8" BP	1.63	1.26	2.36	1.99	5.85	5.48	18.38	4.98	3.98	2.75	2.13	1.13	2.85	1.85	3.50	2.59	1.59	3.31	2.31	1.80	0.80	3.98	1.43	4.63	2.13	2.43	4.91	2.37	5.09	2.59	2.13		30°
3/8" BT	[41,3]	[31,9]	[59,9]	[50,5]	[148,5]	[139,1]	[466,8]	[126,6]	[101,2]	[69,9]	[54,0]	[28,6]	[72,3]	[46,9]	[138,1]	[105,9]	[40,5]	[84,1]	[58,7]	[45,8]	[20,4]	[101,1]	[36,4]	[117,5]	[54,0]	[61,6]	[124,7]	[60,1]	[129,3]	[65,8]	[54,0]		30°
1/2" BP	1.63	1.26	2.36	1.99	6.22	5.85	13.74	3.64	2.64	3.13	1.48	0.48	2.13	1.13	1.50	1.79	0.79	2.44	1.44	1.81	0.81	3.53	1.08	3.00	1.36	1.06	4.15	1.70	3.31	1.67	0.75		45°
1/2" BT	[41,3]	[31,9]	[59,9]	[50,5]	[158,0]	[148,6]	[349,1]	[192,5]	[167,1]	[179,4]	[137,5]	[12,1]	[54,1]	[28,7]	[138,1]	[145,4]	[120,0]	[162,0]	[146,0]	[46,0]	[20,6]	[189,7]	[27,4]	[176,2]	[34,6]	[126,9]	[105,5]	[43,2]	[84,1]	[42,5]	[19,1]		45°
1/2" PF	1.63	1.26	2.57	2.20	6.63	6.26	14.40	4.20	3.20	3.13	2.63	1.63	2.55	1.55	1.50	2.94	1.94	2.87	1.87	1.70	0.70	3.52	1.26	3.00	0.75	0.95	4.14	1.88	3.31	1.06	0.75		30°
1/2" PF BT	[41,3]	[31,9]	[65,2]	[55,8]	[168,4]	[159,0]	[365,9]	[106,6]	[81,2]	[79,4]	[66,8]	[41,4]	[164,9]	[139,5]	[138,1]	[174,7]	[149,3]	[172,8]	[147,4]	[43,2]	[17,8]	[117,8]	[32,0]	[76,2]	[19,1]	[24,2]	[105,1]	[47,8]	[184,1]	[126,9]	[19,1]		30°
3/4"	1.63	1.26	2.79	2.42	7.07	6.70	17.66	4.86	3.86	3.13	1.91	0.91	2.79	1.79	1.50	3.37	2.37	3.26	2.26	1.80	0.80	5.17	1.33	3.00	1.13	1.43	6.10	2.27	3.47	1.59	1.13		30°
3/4" BT	[41,3]	[31,9]	[70,7]	[61,3]	[179,6]	[170,2]	[448,7]	[123,5]	[98,1]	[79,4]	[48,4]	[23,0]	[70,9]	[45,5]	[138,1]	[160,3]	[134,9]	[82,8]	[57,4]	[45,8]	[20,4]	[131,3]	[33,9]	[76,2]	[28,6]	[136,2]	[140,9]	[57,5]	[188,0]	[140,4]	[28,6]		30°
1"	1.63	1.26	3.00	2.63	7.50	7.13	20.32	5.42	4.42	3.13	2.75	1.75	2.99	1.99	1.50	3.37	2.37	3.61	2.61	1.90	0.90	4.30	1.32	4.54	1.50	1.90	5.55	2.56	3.58	1.13	1.50		30°
1" BT	[41,3]	[31,9]	[66,8]	[57,4]	[190,5]	[181,1]	[516,1]	[173,7]	[112,3]	[79,4]	[69,8]	[44,4]	[191,3]	[165,9]	[138,1]	[193,5]	[168,1]	[114,9]	[89,5]	[53,4]	[28,0]	[109,3]	[33,5]	[115,2]	[38,1]	[48,3]	[140,9]	[65,1]	[131,0]	[80,8]	[38,1]		30°
1-1/2"	1.63	1.26	3.44	3.07	9.13	8.76	28.59	6.38	5.38	3.88	2.75	1.75	3.59	2.59	1.50	3.68	2.68	4.52	3.52	2.10	1.10	6.42	1.71	6.08	2.25	2.85	8.28	3.58	4.31	1.13	1.50		30°
1-1/2" BT	[41,3]	[31,9]	[87,4]	[78,0]	[231,9]	[222,5]	[726,2]	[179,2]	[153,8]	[98,4]	[69,8]	[44,4]	[213,3]	[187,9]	[138,1]	[203,5]	[168,1]	[114,9]	[89,5]	[53,4]	[28,0]	[162,9]	[43,5]	[154,3]	[57,2]	[172,5]	[1210,3]	[90,9]	[178,0]	[134,7]	[57,2]		30°
2"	1.88	1.26	4.00	3.38	11.00	10.38	35.93	8.78	7.53	4.88	3.50	2.25	4.38	3.13	1.75	4.74	3.49	5.62	4.37	2.55	1.30	7.36	1.98	8.07	3.00	3.80	9.85	4.46	9.31	1.50	3.00		30°
2" BT	[47,6]	[31,9]	[101,6]	[85,9]	[279,4]	[263,7]	[812,6]	[222,9]	[191,2]	[123,8]	[88,9]	[57,2]	[111,3]	[79,5]	[144,5]	[120,5]	[88,7]	[142,8]	[111,1]	[64,9]	[33,1]	[187,0]	[50,2]	[204,9]	[76,2]	[196,6]	[1250,1]	[113,3]	[236,5]	[107,8]	[76,2]		30°
2-1/2"	1.88	1.26	4.94	4.32	13.63	13.01	51.39	11.65	10.40	5.63	7.02	5.77	5.51	4.26	1.75	8.57	7.32	7.06	5.81	2.75	1.50	8.02	3.38	13.51	3.75	4.75	11.12	6.49	15.07	5.30	3.75		30°
2-1/2" BT	[47,6]	[31,9]	[125,5]	[109,7]	[346,2]	[330,5]	[1305,2]	[296,0]	[264,3]	[142,9]	[178,3]	[146,6]	[140,0]	[108,2]	[144,5]	[127,8]	[186,0]	[179,5]	[147,7]	[70,0]	[38,2]	[203,6]	[86,0]	[343,3]	[95,3]	[120,8]	[282,5]	[164,9]	[382,7]	[134,7]	[95,3]		30°
3"	1.88	1.26	4.94	4.32	14.38	13.76	52.12	11.98	10.73	6.38	6.21	4.96	5.57	4.32	1.75	8.07	6.82	7.43	6.18	2.96	1.71	7.59	2.71	13.84	4.50	5.71	11.31	6.44	15.70	6.36	4.50		30°
3" BT	[47,6]	[31,9]	[125,5]	[109,7]	[365,3]	[349,5]	[1304,4]	[304,4]	[272,6]	[161,9]	[157,6]	[125,9]	[141,4]	[109,6]	[144,5]	[205,0]	[173,2]	[188,7]	[157,0]	[75,1]	[43,3]	[192,7]	[68,9]	[351,5]	[114,3]	[144,9]	[287,4]	[163,6]	[398,8]	[161,6]	[114,3]		30°

PURE-FLO ORDER: \_\_\_\_\_ ITEM: \_\_\_\_\_

CUSTOMER: \_\_\_\_\_

CUSTOMER PO: \_\_\_\_\_

OTHER INFO: \_\_\_\_\_

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THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

DATE BY 6-WAY DIVERT VALVE ASSY. OPTION-3, TCE, AWE

OWN 03/07/12 LFV

CHKD 03/07/12 MAA

APVD 03/07/12 JMD

MASTER DWG: A27621/A

ISSUE BY: \_\_\_\_\_

SECRET BY: \_\_\_\_\_

ITT

A27621

SHEET 1 OF 1