



NOTES:

- 1) DIMENSIONS SHOWN ARE REFERENCE ONLY.
- 2) VALVE MUST BE SUPPORTED UNDER SUPPORT LEG.
- 3) TYPICAL FLANGE STANDARD IS AWWA C-207 CLASS D
- 4) UPSTREAM ISOLATION VALVE IS RECOMMENDED AND IF NOT FULL PORT SHOULD BE PLACED 5 TO 8 PIPE DIAMETERS UPSTREAM.
- 5) ADEQUATE SAME SIZE INLINE INLET PIPING IS REQUIRED, KEEP ELBOW, TEES, ETC. SUFFICIENT DISTANCE FROM VALVE
- 6) CONTACT HENRY PRATT SALES FOR ADDITIONAL INFORMATION SEE HENRY PRATT FIXED CONE BROCHURE FOR SIZING.
- 7) VALVES SMALLER THAN 20" ARE LEVER ARM STYLE

Valve Size	A	B	C	D	E	F	Estimated Weight-lbs	Optional Hood H1	Optional Hood H2	
12	37.8	10	19.0	11.0	8	10	1,100	18	24	
14	40.0	12	21.0	13.0	10	10	1,400	21	28	
16	42.0	13	23.5	14.5	10	10	1,700	24	32	
18	48.3	15	25.0	16.5	12	14	2,100	27	36	
20	50.3	16	27.5	18.0	12	14	2,500	30	40	
24	54.5	20	32.0	22.0	14	14	3,000	36	48	
30	64.8	24	38.8	27.0	18	18	4,200	45	60	
36	71.3	29	46.0	32.5	22	18	5,700	54	72	
42	77.5	34	53.0	38.0	26	18	7,600	63	84	
48	84.0	39	59.5	43.5	28	18	10,000	72	96	
54	90.3	44	66.3	49.0	32	18	13,000	81	108	
60	102.5	48	73.0	54.0	36	24	16,700	90	120	
66	109.0	53	80.0	59.5	40	24	21,300	99	132	
72	115.3	58	86.5	65.0	44	24	27,100	108	144	
78	127.8	63	93.0	70.5	48	30	34,300	117	156	
84	134.0	68	99.8	76.0	50	30	43,300	126	168	
90	140.3	72	106.5	81.0	54	30	54,500	135	180	
								WALL MOUNTED		

	Henry Pratt Company 401 S. Highland Ave Aurora, IL 60506		C A D S W
	TITLE: PRELIMINARY GENERAL DIMENSIONS FOR MODEL 117 FIXED CONE VALVE		
SIZE: A	PART #	N/A	SHEET: 1
SCALE: NONE	DRAWING: A - 75700		REV: 1