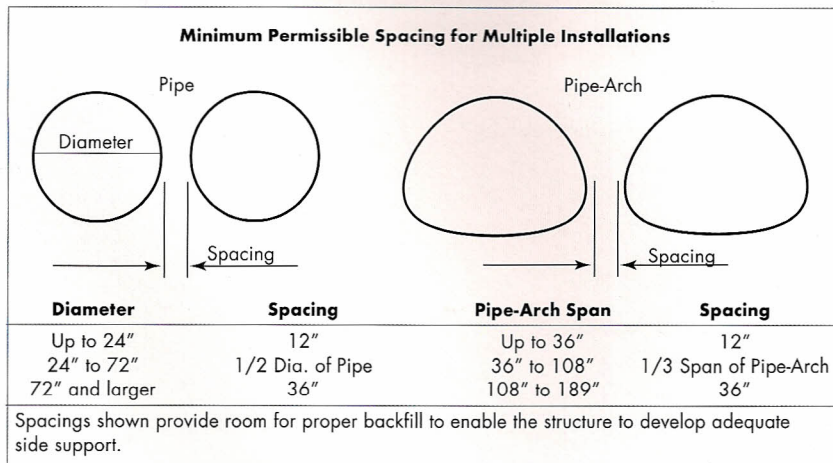


**Corrugated Metal Pipe and Pipe-Arch Detention and Recharge Systems  
Maximum Volumes (Cubic Feet per Linear Foot)**

Round Pipe (CMP and Structural Plate Pipe Sizes)			Pipe Arch (CMP Sizes) (1/2" Deep Corrugations)			Pipe Arch (Structural Plate) (2" Deep Corrugations)		
Diameter (Inches)	Volume (Ft. <sup>3</sup> /Ft.)	Min. Cover Height	Shape* (Inches)	Volume (Ft. <sup>3</sup> /Ft.)	Min. Cover Height	Shape* (Ft.-In.)	Volume (Ft. <sup>3</sup> /Ft.)	Min. Cover Height
						<b>18-Inch Corner Radius (R<sub>c</sub>)</b>		
12	.78	12"	17 x 13	1.1	12"			
15	1.22	12"	21 x 15	1.6	12"	6-1 x 4-7	22	12"
18	1.76	12"	24 x 18	2.2	12"	6-4 x 4-9	24	12"
21	2.40	12"	28 x 20	2.9	12"	6-9 x 4-11	26	12"
24	3.14	12"	35 x 24	4.5	12"	7-0 x 5-1	29	12"
30	4.9	12"	42 x 29	6.5	12"	7-3 x 5-3	31	12"
36	7.0	12"	49 x 33	8.9	12"	7-8 x 5-5	33	12"
42	9.6	12"	57 x 38	11.6	12"	7-11 x 5-7	36	12"
48	12.5	12"	64 x 43	14.7	12"	8-2 x 5-9	38	18"
54	15.9	12"	71 x 47	18.1	12"	8-7 x 5-11	41	18"
60	19.6	12"	77 x 52	21.9	12"	8-10 x 6-1	43	18"
66	23.7	12"	83 x 57	26.0	12"	9-4 x 6-3	46	18"
72	28.2	12"				9-6 x 6-5	49	18"
78	33.1	12"				9-9 x 6-7	52	18"
84	38.4	12"				10-3 x 6-9	55	18"
90	44.1	12"				10-8 x 6-11	58	18"
96	50.2	12"				10-11 x 7-1	61	18"
102	56.7	18"	60 x 46	15.6	15"	11-5 x 7-3	64	18"
108	63.6	18"	66 x 51	19.3	15"	11-7 x 7-5	68	18"
114	70.8	18"	73 x 55	23.2	18"	11-10 x 7-7	71	18"
120	78.5	18"	81 x 59	27.4	18"	12-4 x 7-9	74	24"
126	86.5	18"	87 x 63	32.1	18"	12-6 x 7-11	78	24"
132	95.0	18"	95 x 67	37.0	18"	12-8 x 8-1	82	24"
138	103.8	18"	103 x 71	42.4	18"	12-10 x 8-4	85	24"
144	113.1	18"	112 x 75	48.0	21"	13-5 x 8-5	89	24"
150	122	24"	117 x 79	54.2	21"	13-11 x 8-7	93	24"
156	132	24"	128 x 83	60.5	24"	14-1 x 8-9	97	24"
162	143	24"	137 x 87	67.4	24"	14-3 x 8-11	101	24"
168	153	24"	142 x 91	74.5	24"	14-10 x 9-1	105	24"
174	165	24"				15-4 x 9-3	109	24"
180	176	24"				15-6 x 9-5	114	24"
186	188	24"				15-8 x 9-7	118	24"
192	201	24"				15-10 x 9-10	122	24"
198	213	30"				16-5 x 9-11	126	30"
204	227	30"				16-7 x 10-1	131	30"
210	240	30"						
216	254	30"						
222	268	30"						
228	283	30"						
234	298	30"						
240	314	30"						
			<b>(1" Deep Corrugations)</b>					
			Shape* (Inches)	Volume (Ft. <sup>3</sup> /Ft.)	Min. Cover Height			
			60 x 46	15.6	15"			
			66 x 51	19.3	15"			
			73 x 55	23.2	18"			
			81 x 59	27.4	18"			
			87 x 63	32.1	18"			
			95 x 67	37.0	18"			
			103 x 71	42.4	18"			
			112 x 75	48.0	21"			
			117 x 79	54.2	21"			
			128 x 83	60.5	24"			
			137 x 87	67.4	24"			
			142 x 91	74.5	24"			

\*Pipe Arch shape dimensions shown are for Span and Rise respectively.

Structural Plate Sizes



Call your CONTECH Sales Engineer for related CMP catalogs.

Note: Minimum covers shown are for H-20 live loading for construction live loads. Call your CONTECH Sales Engineer for information or see other appropriate catalogs.