

Drain Body: 100C4
NSF Report: J-00259282

Standard Cover and Vertical Pipe

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
60	1.28	1.30	1.23	-0.21	-0.35	0.02
122	1.80	1.83	1.78	-3.56	-2.33	-4.90
183	2.22	2.25	2.16	-7.08	-9.18	5.97
243	2.75	2.59	2.84	-15.46	-21.19	-9.21
314	3.57	3.26	3.97	-30.68	-47.08	-5.63
372	3.94	3.74	4.21	-42.95	-55.23	-28.61
428	4.19	4.02	4.33	-47.38	-59.91	-34.01
519	4.46	4.33	4.57	-51.98	-63.24	-42.69
622	4.55	4.50	4.60	-64.20	-66.09	-61.85
687	5.03	4.94	5.07	-68.26	-70.11	-65.97
719	6.78	5.83	7.57	-70.58	-71.80	-68.96

Post-test residual water: 3/8"

Note: The flow tests were performed with the overflow blocked.

Overflow height: 6.75 inches

Low Profile Cover and Vertical Pipe

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
51	1.17	1.02	1.20	-0.14	-0.29	-0.06
126	1.77	1.75	1.81	-1.94	-2.64	-1.40
212	2.31	2.29	2.33	-11.38	-14.73	-8.99
303	3.49	3.03	4.02	-25.89	-42.00	-15.24
350	3.40	3.21	3.65	-39.51	-51.92	-27.29
427	4.23	4.14	4.38	-45.52	-52.03	-35.62
549	4.22	4.13	4.36	-59.09	-65.02	-41.23
651	4.48	4.41	4.55	-67.51	-69.01	-65.10
704	5.42	4.91	5.77	-68.25	-69.35	-67.59
716	6.71	6.02	7.29	-68.32	-69.26	-67.62

Post-test residual water: 1/4"

Note: The flow tests were performed with the overflow blocked.

Overflow height: 4.5 inches

Ultra Low Profile Cover with Vertical Pipe

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
54	1.15	1.13	1.16	-0.22	-0.34	-0.13
131	1.80	1.77	1.83	-2.49	-3.25	-1.43

207	2.39	2.37	2.42	-10.88	-13.87	-9.18
302	3.94	3.30	4.17	-25.27	-51.95	-10.57
348	3.91	3.62	4.16	-40.92	-59.92	-21.65
430	3.40	3.33	3.47	-53.88	-68.66	-40.98
605	3.78	3.74	3.81	-67.61	-70.10	-62.17
702	5.39	4.65	6.03	-67.27	-68.32	-65.64

Post-test residual water: 1/4"

Note: The flow tests were performed with the overflow blocked.

Overflow height: 2.875 inches

Standard Cover and Offset Pipe

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
49	1.14	1.09	1.15	-0.76	-0.90	-0.61
146	1.95	1.92	1.97	-4.89	-6.52	-3.85
247	2.57	2.55	2.58	-16.44	-18.99	-13.08
303	3.43	3.09	3.88	-23.13	-27.71	-15.57
386	3.98	3.64	4.21	-32.58	-50.31	-25.16
446	3.56	3.54	3.58	-37.06	-48.80	-31.54
513	4.03	3.97	4.14	-50.18	-52.82	-33.30
632	5.61	4.88	6.24	-57.30	-58.31	-56.42

Post-test residual water: 3/8"

Note: The flow tests were performed with the overflow blocked.

Overflow height: 6.75 inches

Low Profile Cover and Offset Pipe

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
40	1.03	0.98	1.04	-0.66	-0.77	-0.60
151	1.93	1.90	1.97	-5.57	-6.68	-3.68
351	3.58	3.04	4.36	-27.51	-53.80	-11.09
409	3.67	3.38	4.36	-33.68	-53.80	-24.40
490	3.79	3.76	3.83	-48.29	-51.35	-33.52
603	4.30	4.27	4.33	-56.66	-57.68	-55.64
644	7.59	5.16	9.43	-57.50	-58.81	-56.36

Post-test residual water: 3/8"

Note: The flow tests were performed with the overflow blocked.

Overflow height: 4.5 inches

Ultra Low Profile Cover with Offset Pipe

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
42	1.00	0.97	1.01	-0.69	-0.78	-0.63

148	2.00	1.93	2.04	-5.07	-6.21	-4.02
260	2.91	2.88	2.96	-18.57	-24.63	-8.65
347	3.92	3.77	4.14	-27.42	-35.53	-20.72
450	3.37	3.32	3.44	-32.85	-34.49	-29.32
558	3.70	3.61	3.88	-54.04	-56.37	-49.38
636	7.95	5.04	10.19	-55.82	-57.01	-54.80

Post-test residual water: 3/8"

Note: The flow tests were performed with the overflow blocked.

Overflow height: 2.875 inches

Standard Cover and Vertical Pipe - Overflow

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
62	7.42	6.89	7.73	-0.24	-0.50	0.00
69	7.66	7.65	7.67	-0.43	-0.54	-0.34
99	7.95	7.91	7.98	-0.85	-1.09	-0.74

Post-test residual water: 3/8"

Note: The overflow tests were performed with the primary outlet blocked.

Overflow height: 6.5 inches

Low Profile Cover and Vertical Pipe - Overflow

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
53	5.34	4.96	5.48	-0.20	-0.38	0.01
94	5.92	5.91	5.93	-0.81	-0.94	-0.70

Post-test residual water: 1/4"

Note: The overflow tests were performed with the primary outlet blocked.

Overflow height: 4.5 inches

Ultra Low Profile Cover and Vertical Pipe - Overflow

Flow rate (gpm)	Water level (in)			Down pipe pressure (in H2O)		
	Avg	Min	Max	Avg	Min	Max
56	3.14	2.67	3.26	-0.44	-0.62	0.01
141	4.12	3.97	4.15	-2.57	-3.13	-1.83
270	5.28	5.03	5.50	-10.71	-14.04	-5.76
409	6.37	6.08	6.55	-24.77	-27.34	-20.09

Post-test residual water: 1/4"

Note: The overflow tests were performed with the primary outlet blocked.

Overflow height: 2.875 inches