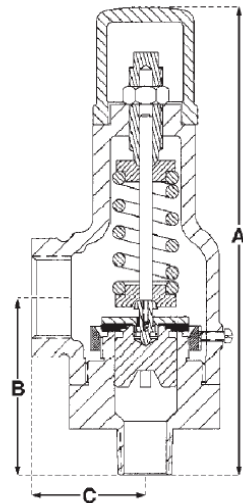
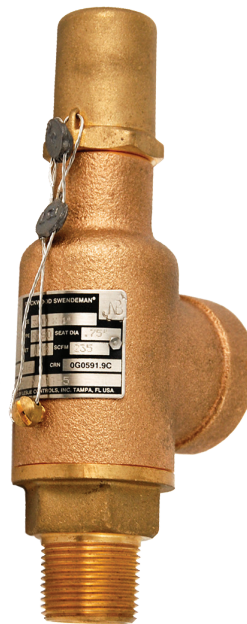


BRONZE & STAINLESS STEEL SAFETY RELIEF VALVES

TYPE RSL

0 to 300 PSIG



APPLICATIONS

- Tanks, pumps, pipe lines and other vessels containing non-corrosive liquid, and where large relieving capacities are not required



FEATURES

- Teflon® seat for improved seat tightness
- Cleaned and packaged for use in O₂ service in compliance with the CGA specification G-4.1

Additional cleaning specifications:

- 4WPI-SW70003
- GS-38



OPTIONS

- BPS threads available on most sizes
- Lever operation

Testing:

Each valve is set, tested, re-tested and sealed at the factory to the customer's specifications.



TECHNICAL DATA

Materials of Construction:

BRONZE

Shell	Cast Bronze, A.S.M.E SB-62
Base	Forged Brass, Alloy C37700
Trim	Copper Alloy
Spring	Stainless Steel 17-7 PH A.S.T.M, A-313, Type 631

STAINLESS STEEL

Shell	Investment Cast 316SS, A.S.M.E SA-351
Base	Investment Cast 316SS, A.S.M.E SA-351
Trim	316SS, A.S.M.E SA-479
Spring	Stainless Steel 17-7 PH, A.S.T.M, A-313, Type 631

Sizes:

Bronze Inlet - 1/2" to 2"	Outlet - 3/4" to 2-1/2"
Stainless Steel Inlet - 1/2" to 1"	Outlet - 3/4" to 1-1/4"



OPERATING RANGES

Temperature	0° F to +300° F
Set Pressures	0 to 300 PSIG

For use with back pressure services, please consult factory.

DIMENSIONS & CHARACTERISTICS

WATER CAPACITY TABLE

Rate of discharge in gallons of water per minute at set pressure plus 25% accumulation or overpressure.

Set Pressure	Setting Range		Leak Tight	1% Over Pressure (Target Pop)	WATER CAPACITY				
	Min	Max			A	B	C	D	E
					0.118 sq-in	0.204 sq-in	0.326 sq-in	0.424 sq-in	0.628 sq-in
PSIG					GPM				
9	7.0	11.0	4.0	9.1	11.7	19.5	31.2	40.6	60.2
10	8.0	12.0	5.0	10.1	12.0	20.0	32.0	41.6	61.6
11	9.0	13.0	6.0	11.1	12.3	20.5	32.7	42.5	63.0
12	10.0	14.0	7.0	12.1	12.5	20.9	33.4	43.5	64.4
13	11.0	15.0	8.0	13.1	12.8	21.3	34.1	44.4	65.7
14	12.0	16.0	9.0	14.1	13.1	21.8	34.8	45.3	67.0
15	13.0	17.0	10.0	15.2	13.3	22.2	35.5	46.1	68.3
16	14.0	18.0	11.0	16.2	13.5	22.6	36.1	47.0	69.6
17	15.0	19.0	12.0	17.2	13.8	23.0	36.8	47.8	70.8
18	16.0	20.0	13.0	18.2	14.0	23.4	37.4	48.6	72.0
19	17.0	21.0	14.0	19.2	14.3	23.8	38.0	49.5	73.2
20	18.0	22.0	15.0	20.2	14.5	24.2	38.6	50.3	74.4
21	19.0	23.0	16.0	21.2	14.7	24.6	39.2	51.0	75.6
22	20.0	24.0	17.0	22.2	14.9	24.9	39.8	51.8	76.7
23	21.0	25.0	18.0	23.2	15.2	25.3	40.4	52.6	77.9
24	22.0	26.0	19.0	24.2	15.4	25.7	41.0	53.3	79.0
25	23.0	27.0	20.0	25.3	15.6	26.0	41.6	54.1	80.1
26	24.0	28.0	21.0	26.3	15.8	26.4	42.1	54.8	81.2
27	25.0	29.0	22.0	27.3	16.0	26.7	42.7	55.5	82.2
28	26.0	30.0	23.0	28.3	16.2	27.1	43.2	56.2	83.3
29	27.0	31.0	24.0	29.3	16.4	27.4	43.8	56.9	84.3
30	28.0	32.0	25.0	30.3	16.6	27.7	44.3	57.6	85.3
31	29.0	33.0	26.0	31.3	16.8	28.1	44.8	58.3	86.4
32	30.0	34.0	27.0	32.3	17.0	28.4	45.5	59.0	87.4
33	31.0	35.0	28.0	33.3	17.2	28.7	45.9	59.7	88.4
34	32.0	36.0	29.0	34.3	17.4	29.0	46.4	60.3	89.3
35	33.0	37.0	30.0	35.4	17.6	29.3	46.9	61.0	90.3
36	34.0	38.0	31.0	36.4	17.8	29.6	47.4	61.6	91.3
37	35.0	39.0	32.0	37.4	18.0	30.0	47.9	62.3	92.2
38	36.0	40.0	33.0	38.4	18.1	30.3	48.4	62.9	93.2
39	37.0	41.0	34.0	39.4	18.3	30.6	48.8	63.5	94.1
40	38.0	42.0	35.0	40.4	18.5	30.9	49.3	64.1	95.0
41	39.0	43.0	36.0	41.4	18.7	31.2	49.8	64.8	95.9
42	40.0	44.0	37.0	42.4	18.9	31.5	50.3	65.4	96.8
43	41.0	45.0	38.0	43.4	19.0	31.7	50.7	66.0	97.7
44	42.0	46.0	39.0	44.4	19.2	32.0	51.2	66.6	98.6
45	43.0	47.0	40.0	45.5	19.4	32.3	51.6	67.2	99.5
46	44.0	48.0	41.0	46.5	19.5	32.6	52.1	67.8	100.4
47	45.0	49.0	42.0	47.5	19.7	32.9	52.6	68.3	101.2
48	46.0	50.0	43.0	48.5	19.9	33.2	53.0	68.9	102.1
49	47.0	51.0	44.0	49.5	20.0	33.4	53.4	69.5	102.9
50	48.0	52.0	45.0	50.5	20.2	33.7	53.9	70.1	103.8
51	49.0	53.0	45.9	51.5	20.4	34.0	54.3	70.6	104.6
52	50.0	54.0	46.8	52.5	20.5	34.3	54.7	71.2	105.5
53	51.0	55.0	47.7	53.5	20.7	34.5	55.2	71.8	106.3
54	52.0	56.0	48.6	54.5	20.9	34.8	55.6	72.3	107.1
55	53.0	57.0	49.5	55.6	21.0	35.1	56.0	72.9	107.9
56	54.0	58.0	50.4	56.6	21.2	35.3	56.4	73.4	108.7
57	55.0	59.0	51.3	57.9	21.3	35.6	56.8	73.9	109.5
58	56.0	60.0	52.2	58.6	21.5	35.8	57.4	74.5	110.3
59	57.0	61.0	53.1	59.6	21.6	36.1	57.7	75.0	111.1

DIMENSIONS & CHARACTERISTICS, CONT 1

WATER CAPACITY TABLE

Rate of discharge in gallons of water per minute at set pressure plus 25% accumulation or overpressure.

Set Pressure	Setting Range		Leak Tight	1% Over Pressure (Target Pop)	WATER CAPACITY				
	Min	Max			A	B	C	D	E
					0.118 sq-in	0.204 sq-in	0.326 sq-in	0.424 sq-in	0.628 sq-in
PSIG			GPM						
60	58.0	62.0	54.0	60.6	21.8	36.3	58.1	75.5	111.9
61	59.0	63.0	54.9	61.6	21.9	36.6	58.5	76.1	112.7
62	60.0	64.0	55.8	62.6	22.1	36.8	58.9	76.6	113.4
63	61.0	65.0	56.7	63.6	22.2	37.1	59.3	77.1	114.2
64	62.0	66.0	57.6	64.6	22.4	37.3	59.7	77.6	115.0
65	63.0	67.0	58.5	65.7	22.5	37.6	60.1	78.1	115.7
66	64.0	68.0	59.4	66.7	22.7	37.8	60.5	78.6	116.5
67	65.0	69.0	60.3	67.7	22.8	38.1	60.8	79.1	117.2
68	66.0	70.0	61.2	68.7	23.0	38.3	61.2	79.6	117.9
69	67.0	71.0	62.1	69.7	23.1	38.6	61.6	80.1	118.7
70	68.0	72.0	63.0	70.7	23.3	38.8	62.0	80.6	119.4
71	68.9	73.1	63.9	71.7	23.4	39.0	62.4	81.1	120.1
72	69.9	74.1	64.8	72.7	23.5	39.3	62.7	81.6	120.9
73	70.9	75.1	65.7	73.7	23.7	39.5	63.1	82.1	121.6
74	71.8	76.2	66.6	74.7	23.8	39.7	63.5	82.6	122.3
75	72.8	77.2	67.5	75.8	24.0	40.0	63.9	83.1	123.0
76	73.8	78.2	68.4	76.8	24.1	40.2	64.2	83.5	123.7
77	74.7	79.3	69.3	77.8	24.2	40.4	64.6	84.0	124.4
78	75.7	80.3	70.2	78.8	24.4	40.6	65.0	84.5	125.1
79	76.7	81.3	71.1	79.8	24.5	40.9	65.3	84.9	125.8
80	77.6	82.4	72.0	80.8	24.6	41.1	65.7	85.4	126.5
81	78.6	83.4	72.9	81.8	24.8	41.3	66.0	85.9	127.2
82	79.6	84.4	73.8	82.8	24.9	41.5	66.4	86.3	127.9
83	80.6	85.4	74.7	83.8	25.0	41.8	66.7	86.8	128.6
84	81.5	86.5	75.6	84.8	25.2	42.0	67.1	87.3	129.2
85	82.5	87.5	76.5	85.9	25.3	42.2	67.4	87.7	129.9
86	83.5	88.5	77.4	86.9	25.4	42.4	67.8	88.2	130.6
87	84.4	89.6	78.3	87.9	25.6	42.6	68.1	88.6	131.2
88	85.4	90.6	79.2	88.9	25.7	42.8	68.5	89.1	131.9
89	86.4	91.6	80.1	89.9	25.8	43.1	68.8	89.5	132.6
90	87.3	92.7	81.0	90.9	25.9	43.3	69.2	89.9	133.2
91	88.3	93.7	81.9	91.9	26.1	43.5	69.5	90.4	133.9
92	89.3	94.7	82.8	92.9	26.2	43.7	69.8	90.8	134.5
93	90.3	95.7	83.7	93.9	26.3	43.9	70.2	91.3	135.2
94	91.2	96.8	84.6	94.9	26.4	44.1	70.5	91.7	135.8
95	92.2	97.8	85.5	96.0	26.6	44.3	70.8	92.1	136.5
96	93.2	98.8	86.4	97.0	26.7	44.5	71.2	92.6	137.1
97	94.1	99.9	87.3	98.0	26.8	44.7	71.5	93.0	137.7
98	95.1	100.9	88.2	99.0	26.9	44.9	71.8	93.4	138.4
99	96.1	101.9	89.1	100.0	27.1	45.1	72.2	93.8	139.0
100	97.0	103.0	90.0	101.0	27.2	45.4	72.5	94.3	139.6
101	98.0	104.0	90.9	102.0	27.3	45.6	72.8	94.7	140.2
102	99.0	105.0	91.8	103.0	27.4	45.8	73.1	95.1	140.9
103	100.0	106.0	92.7	104.0	27.5	46.0	73.4	95.5	141.5
104	100.9	107.1	93.6	105.0	27.7	46.2	73.8	95.9	142.1
105	101.9	108.1	94.5	106.1	27.8	46.4	74.1	96.3	142.7
106	102.9	109.1	95.4	107.1	27.9	46.6	74.4	96.8	143.3
107	103.8	110.2	96.3	108.1	28.0	46.8	74.7	97.2	143.9
108	104.8	111.2	97.2	109.1	28.1	46.9	75.0	97.6	144.5
109	105.8	112.2	98.1	110.1	28.3	47.1	75.3	98.0	145.1
110	106.7	113.3	99.0	111.1	28.4	47.3	75.6	98.4	145.7

DIMENSIONS & CHARACTERISTICS, CONT 2

WATER CAPACITY TABLE

Rate of discharge in gallons of water per minute at set pressure plus 25% accumulation or overpressure.

Set Pressure	Setting Range		Leak Tight	1% Over Pressure (Target Pop)	WATER CAPACITY				
	Min	Max			A	B	C	D	E
					0.118 sq-in	0.204 sq-in	0.326 sq-in	0.424 sq-in	0.628 sq-in
PSIG					GPM				
111	107.7	114.3	99.9	112.1	28.5	47.5	76.0	98.8	146.3
112	108.7	115.3	100.8	113.1	28.6	47.7	76.3	99.2	146.9
113	109.7	116.3	101.7	114.1	28.7	47.9	76.6	99.6	147.5
114	110.6	117.4	102.6	115.1	28.8	48.1	76.9	100.0	148.1
115	111.6	118.4	103.5	116.2	29.0	48.3	77.2	100.4	148.7
116	112.6	119.4	104.4	117.2	29.1	48.5	77.5	100.8	149.3
117	113.5	120.5	105.3	118.2	29.2	48.7	77.8	101.2	149.9
118	114.5	121.5	106.2	119.2	29.3	48.9	78.1	101.6	150.4
119	115.5	122.5	107.1	120.2	29.4	49.1	78.4	102.0	151.0
120	116.4	123.6	108.0	121.2	29.5	49.2	78.7	102.4	151.6
121	117.4	124.6	108.9	122.2	29.6	49.4	79.0	102.7	152.2
122	118.4	125.6	109.8	123.2	29.7	49.6	79.3	103.1	152.7
123	119.4	126.6	110.7	124.2	29.9	49.8	79.6	103.5	153.3
124	120.3	127.7	111.6	125.2	30.0	50.0	79.9	103.9	153.9
125	121.3	128.7	112.5	126.3	30.1	50.2	80.2	104.3	154.4
126	122.3	129.7	113.4	127.3	30.2	50.4	80.5	104.7	155.0
127	123.2	130.8	114.3	128.3	30.3	50.5	80.8	105.0	155.6
128	124.2	131.8	115.2	129.3	30.4	50.7	81.0	105.4	156.1
129	125.2	132.8	116.1	130.3	30.5	50.9	81.3	105.8	156.7
130	126.1	133.9	117.0	131.3	30.6	51.1	81.6	106.2	157.2
131	127.1	134.9	117.9	132.3	30.7	51.3	81.9	106.5	157.8
132	128.1	135.9	118.8	133.3	30.8	51.4	82.2	106.9	158.3
133	129.1	136.9	119.7	134.3	30.9	51.6	82.5	107.3	158.9
134	130.0	138.0	120.6	135.3	31.0	51.8	82.8	107.7	159.4
135	131.0	139.0	121.5	136.4	31.2	52.0	83.1	108.0	160.0
136	132.0	140.0	122.4	137.4	31.3	52.1	83.3	108.4	160.5
137	132.9	141.1	123.3	138.4	31.4	52.3	83.6	108.8	161.1
138	133.9	142.1	124.2	139.4	31.5	52.5	83.9	109.1	161.6
139	134.9	143.1	125.1	140.4	31.6	52.7	84.2	109.5	162.2
140	135.8	144.2	126.0	141.4	31.7	52.8	84.5	109.8	162.7
141	136.8	145.2	126.9	142.4	31.8	53.0	84.7	110.2	163.2
142	137.8	146.2	127.8	143.4	31.9	53.2	85.0	110.6	163.8
143	138.8	147.2	128.7	144.4	32.0	53.4	85.3	110.9	164.3
144	139.7	148.3	129.6	145.4	32.1	53.5	85.6	111.3	164.8
145	140.7	149.3	130.5	146.5	32.2	53.7	85.8	111.6	165.4
146	141.7	150.3	131.4	147.5	32.3	53.9	86.1	112.0	165.9
147	142.6	151.4	132.3	148.5	32.4	54.1	86.4	112.3	166.4
148	143.6	152.4	133.2	149.5	32.5	54.2	86.7	112.7	166.9
149	144.6	153.4	134.1	150.5	32.6	54.4	86.9	113.1	167.4
150	145.5	154.5	135.0	151.5	32.7	54.6	87.2	113.4	168.0
151	146.5	155.5	135.9	152.5	32.8	54.7	87.5	113.8	168.5
152	147.5	156.5	136.8	153.5	32.9	54.9	87.7	114.1	169.0
153	148.5	157.5	137.7	154.5	33.0	55.1	88.0	114.5	169.5
154	149.4	158.6	138.6	155.5	33.1	55.2	88.3	114.8	170.0
155	150.4	159.6	139.5	156.6	33.2	55.4	88.5	115.1	170.5
156	151.4	160.6	140.4	157.6	33.3	55.6	88.8	115.5	171.1
157	152.3	161.7	141.3	158.6	33.4	55.7	89.1	115.8	171.6
158	153.3	162.7	142.2	159.6	33.5	55.9	89.3	116.2	172.1
159	154.3	163.7	143.1	160.6	33.6	56.1	89.6	116.5	172.6
160	155.2	164.8	144.0	161.6	33.7	56.2	89.8	116.9	173.1
161	156.2	165.8	144.9	162.6	33.8	56.4	90.1	117.2	173.6

DIMENSIONS & CHARACTERISTICS, CONT 3

WATER CAPACITY TABLE

Rate of discharge in gallons of water per minute at set pressure plus 25% accumulation or overpressure.

Set Pressure	Setting Range		Leak Tight	1% Over Pressure (Target Pop)	WATER CAPACITY				
	Min	Max			A	B	C	D	E
					0.118 sq-in	0.204 sq-in	0.326 sq-in	0.424 sq-in	0.628 sq-in
PSIG					GPM				
162	157.2	166.8	145.8	163.6	33.9	56.6	90.4	117.5	174.1
163	158.2	167.8	146.7	164.6	34.0	56.7	90.6	117.9	174.6
164	159.1	168.9	147.6	165.6	34.1	56.9	90.9	118.2	175.1
165	160.1	169.9	148.5	166.7	34.2	57.0	91.1	118.5	175.6
166	161.1	170.9	149.4	167.7	34.3	57.2	91.4	118.9	176.1
167	162.0	172.0	150.3	168.7	34.4	57.4	91.7	119.2	176.6
168	163.0	173.0	151.2	169.7	34.5	57.5	91.9	119.5	177.1
169	164.0	174.0	152.1	170.7	34.6	57.7	92.2	119.9	177.6
170	164.9	175.1	153.0	171.7	34.7	57.8	92.4	120.2	178.0
171	165.9	176.1	153.9	172.7	34.8	58.0	92.7	120.5	178.5
172	166.9	177.1	154.8	173.7	34.9	58.2	92.9	120.9	179.0
173	167.9	178.1	155.7	174.7	35.0	58.3	93.2	121.2	179.5
174	168.8	179.2	156.6	175.7	35.1	58.5	93.4	121.5	180.0
175	169.8	180.2	157.5	176.8	35.1	58.6	93.7	121.9	180.5
176	170.8	181.2	158.4	177.8	35.2	58.8	93.9	122.2	181.0
177	171.7	182.3	159.3	178.8	35.3	58.9	94.2	122.5	181.4
178	172.7	183.3	160.2	179.8	35.4	59.1	94.4	122.8	181.9
179	173.7	184.3	161.1	180.8	35.5	59.3	94.7	123.2	182.4
180	174.6	185.4	162.0	181.8	35.6	59.4	94.9	123.5	182.9
181	175.6	186.4	162.9	182.8	35.7	59.6	95.2	123.8	183.4
182	176.6	187.4	163.8	183.8	35.8	59.7	95.4	124.1	183.8
183	177.6	188.4	164.7	184.8	35.9	59.9	95.7	124.4	184.3
184	178.5	189.5	165.6	185.8	36.0	60.0	95.9	124.8	184.8
185	179.5	190.5	166.5	186.9	36.1	60.2	96.2	125.1	185.3
186	180.5	191.5	167.4	187.9	36.2	60.3	96.4	125.4	185.7
187	181.4	192.6	168.3	188.9	36.3	60.5	96.7	125.7	186.2
188	182.4	193.6	169.2	189.9	36.3	60.6	96.9	126.0	186.7
189	183.4	194.6	170.1	190.9	36.4	60.8	97.1	126.3	187.7
190	184.3	195.7	171.0	191.9	36.5	60.9	97.4	126.7	187.6
191	185.3	196.7	171.9	192.9	36.6	61.1	97.6	127.0	188.1
192	186.3	197.7	172.8	193.9	36.7	61.2	97.9	127.3	188.5
193	187.3	198.7	173.7	194.9	36.8	61.4	98.1	127.6	189.0
194	188.2	199.8	174.6	195.9	36.9	61.5	98.3	127.9	189.4
195	189.2	200.8	175.5	197.0	37.0	61.7	98.6	128.2	189.9
196	190.2	201.8	176.4	198.0	37.1	61.8	98.8	128.5	190.4
197	191.1	202.9	177.3	199.0	37.2	62.0	99.1	128.8	190.8
198	192.1	203.9	178.2	200.0	37.2	62.1	99.3	129.1	191.3
199	193.1	204.9	179.1	201.0	37.3	62.3	99.5	129.4	191.7
200	194.0	206.0	180.0	202.0	37.4	62.4	99.8	129.8	192.2
201	195.0	207.0	180.9	203.0	37.5	62.6	100.0	130.1	192.6
202	196.0	208.0	181.8	204.0	37.6	62.7	100.2	130.4	193.1
203	197.0	209.0	182.7	205.0	37.7	62.9	100.5	130.7	193.5
204	197.9	210.1	183.6	206.0	37.8	63.0	100.7	131.0	194.0
205	198.9	211.1	184.5	207.1	37.9	63.2	100.9	131.3	194.4
206	199.9	212.1	185.4	208.1	38.0	63.3	101.2	131.6	194.9
207	200.8	213.2	186.3	209.1	38.0	63.5	101.4	131.9	195.3
208	201.8	214.2	187.2	210.1	38.1	63.6	101.6	132.2	195.8
209	202.8	215.2	188.1	211.1	38.2	63.7	101.9	132.5	196.2
210	203.7	216.3	189.0	212.1	38.3	63.9	102.1	132.8	196.7
211	204.7	217.3	189.9	213.1	38.4	64.0	102.3	133.1	197.1
212	205.7	218.3	190.8	214.1	38.5	64.2	102.6	133.4	197.6

DIMENSIONS & CHARACTERISTICS, CONT 4

WATER CAPACITY TABLE

Rate of discharge in gallons of water per minute at set pressure plus 25% accumulation or overpressure.

Set Pressure	Setting Range		Leak Tight	1% Over Pressure (Target Pop)	WATER CAPACITY				
	Min	Max			A	B	C	D	E
					0.118 sq-in	0.204 sq-in	0.326 sq-in	0.424 sq-in	0.628 sq-in
PSIG					GPM				
213	206.7	219.3	191.7	215.1	38.6	64.3	102.8	133.7	198.0
214	207.6	220.4	192.6	216.1	38.6	64.5	103.0	134.0	198.4
215	208.6	221.4	193.5	217.2	38.7	64.6	103.2	134.3	198.9
216	209.6	222.4	194.4	218.2	38.8	64.7	103.5	134.6	199.3
217	210.5	223.5	195.3	219.2	38.9	64.9	103.7	134.9	199.7
218	211.5	224.5	196.2	220.2	39.0	65.0	103.9	135.2	200.2
219	212.5	225.5	197.1	221.2	39.1	65.2	104.1	135.4	200.6
220	213.4	226.6	198.0	222.2	39.2	65.3	104.4	135.7	201.1
221	214.4	227.6	198.9	223.2	39.2	65.5	104.6	136.0	201.5
222	215.4	228.6	199.8	224.2	39.3	65.6	104.8	136.3	201.9
223	216.4	229.6	200.7	225.2	39.4	65.7	105.0	136.6	202.3
224	217.3	230.7	201.6	226.2	39.5	65.9	105.3	136.9	202.8
225	218.3	231.7	202.5	227.3	39.6	66.0	105.5	137.2	203.2
226	219.3	232.7	203.4	228.3	39.7	66.2	105.7	137.5	203.6
227	220.2	233.8	204.3	229.3	39.7	66.3	105.9	137.8	204.1
228	221.2	234.8	205.2	230.3	39.8	66.4	106.2	138.1	204.5
229	222.2	235.8	206.1	231.3	39.9	66.6	106.4	138.4	204.9
230	223.1	236.9	207.0	232.3	40.0	66.7	106.6	138.6	205.3
231	224.1	237.9	207.9	233.3	40.1	66.8	106.8	138.9	205.8
232	225.1	238.9	208.8	234.3	40.2	67.0	107.0	139.2	206.2
233	226.1	239.9	209.7	235.3	40.2	67.1	107.3	139.5	206.6
234	227.0	241.0	210.6	236.3	40.3	67.3	107.5	139.8	207.0
235	228.0	242.0	211.5	237.4	40.4	67.4	107.7	140.1	207.5
236	229.0	243.0	212.4	238.4	40.5	67.5	107.9	140.3	207.9
237	229.9	244.1	213.3	239.4	40.6	67.7	108.1	140.6	208.3
238	230.9	245.1	214.2	240.4	40.6	67.8	108.3	140.9	208.7
239	231.9	246.1	215.1	241.4	40.7	67.9	108.6	141.2	209.1
240	232.8	247.2	216.0	242.4	40.8	68.1	108.8	141.5	209.5
241	233.8	248.2	216.9	243.4	40.9	68.2	109.0	141.8	210.0
242	234.8	249.2	217.8	244.4	41.0	68.3	109.2	142.0	210.4
243	235.8	250.2	218.7	245.4	41.0	68.5	109.4	142.3	210.8
244	236.7	251.3	219.6	246.4	41.1	68.6	109.6	142.6	211.2
245	237.7	252.3	220.5	247.5	41.2	68.7	109.9	142.9	211.6
246	238.7	253.3	221.4	248.5	41.3	68.9	110.1	143.2	212.0
247	239.6	254.4	222.3	249.5	41.4	69.0	110.3	143.4	212.4
248	240.6	255.4	223.2	250.5	41.4	69.1	110.5	143.7	212.9
249	241.6	256.4	224.1	251.5	41.5	69.3	110.7	144.0	213.3
250	242.5	257.5	225.0	252.5	41.6	69.4	110.9	144.3	213.7
251	243.5	258.5	225.9	253.5	41.7	69.5	111.1	144.5	214.1
252	244.5	259.5	226.8	254.5	41.8	69.7	111.3	144.8	214.5
253	245.5	260.5	227.7	255.5	41.8	69.8	111.6	145.1	214.9
254	246.4	261.6	228.6	256.5	41.9	69.9	111.8	145.4	215.3
255	247.4	262.6	229.5	257.6	42.0	70.1	112.0	145.6	215.7
256	248.4	263.6	230.4	258.6	42.1	70.2	112.2	145.9	216.1
257	249.3	264.7	231.3	259.6	42.2	70.3	112.4	146.2	216.5
258	250.3	265.7	232.2	260.6	42.2	70.5	112.6	146.4	216.9
259	251.3	266.7	233.1	261.6	42.3	70.6	112.8	146.7	217.3
260	252.2	267.8	234.0	262.6	42.4	70.7	113.0	147.0	217.7
261	253.2	268.8	234.9	263.6	42.5	70.9	113.2	147.3	218.1
262	254.2	269.8	235.8	264.6	42.6	71.0	113.4	147.5	218.5
263	255.2	270.8	236.7	265.6	42.6	71.1	113.6	147.8	218.9

DIMENSIONS & CHARACTERISTICS, CONT 5

WATER CAPACITY TABLE

Rate of discharge in gallons of water per minute at set pressure plus 25% accumulation or overpressure.

Set Pressure	Setting Range		Leak Tight	1% Over Pressure (Target Pop)	WATER CAPACITY				
	Min	Max			A	B	C	D	E
					0.118 sq-in	0.204 sq-in	0.326 sq-in	0.424 sq-in	0.628 sq-in
PSIG					GPM				
264	256.1	271.9	237.6	266.6	42.7	71.2	113.8	148.1	219.3
265	257.1	272.9	238.5	267.7	42.8	71.4	114.1	148.3	219.7
266	258.1	273.9	239.4	239.4	42.9	71.5	114.3	148.6	220.1
267	259.0	275.0	240.3	269.7	42.9	71.6	114.5	148.9	220.5
268	260.0	276.0	241.2	270.7	43.0	71.8	114.7	149.1	220.9
269	261.0	277.0	242.1	271.7	43.1	71.9	114.9	149.4	221.3
270	261.9	278.1	243.0	272.7	43.2	72.0	115.1	149.7	221.7
271	262.9	279.1	243.9	273.9	43.2	72.1	115.3	149.9	222.1
272	263.9	280.1	244.8	274.7	43.3	72.3	115.5	150.2	222.5
273	264.9	281.1	245.7	275.7	43.4	72.4	115.7	150.5	222.9
274	265.8	282.2	246.6	276.7	43.5	72.5	115.9	150.7	223.2
275	266.8	283.2	247.5	277.8	43.5	72.6	116.1	151.0	223.6
276	267.8	284.2	248.4	278.8	43.6	72.8	116.3	151.3	224.0
277	268.7	285.3	249.3	279.8	43.7	72.9	116.5	151.5	224.4
278	269.7	286.3	250.2	280.8	43.8	73.0	116.7	151.8	224.8
279	270.7	287.3	251.1	281.8	43.9	73.2	116.9	152.0	225.2
280	271.6	288.4	252.0	282.8	43.9	73.3	117.1	152.3	225.6
281	272.6	289.4	252.9	283.8	44.0	73.4	117.3	152.6	226.0
282	273.6	290.4	253.8	284.8	44.1	73.5	117.5	152.8	226.4
283	274.6	291.4	254.7	285.8	44.2	73.7	117.7	153.1	226.7
284	275.5	292.5	255.6	286.8	44.2	73.8	117.9	153.3	227.1
285	276.5	293.5	256.5	287.9	44.3	73.9	118.1	153.6	227.5
286	277.5	294.5	257.4	288.9	44.4	74.0	118.3	153.9	227.9
287	278.4	295.6	258.3	289.9	44.5	74.2	118.5	154.1	228.3
288	279.4	296.6	259.2	290.9	44.5	74.3	118.7	154.4	228.7
289	280.4	297.6	260.1	291.9	44.6	74.4	118.9	154.6	229.0
290	281.3	298.7	261.0	292.9	44.7	74.5	119.1	154.9	229.4
295	286.2	303.8	265.5	298.0	45.0	75.1	120.1	156.2	231.3
300	291.0	309.0	270.0	303.0	45.4	75.7	121.0	157.4	233.2