

NOZZLE DISCHARGE IN G.P.M. AT 100% EFFICIENCY
NOZZLE DIAMETER IN INCHES

P.S.I.	1/16"	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"	11/64"	3/16"	13/64"	7/32"	1/4"	9/32"
20	0.52	0.81	1.17	1.59	2.09	2.65	3.26	3.92	4.69	5.51	6.37	8.35	10.50
25	0.58	0.90	1.31	1.78	2.34	2.96	3.64	4.38	5.25	6.16	7.13	9.34	11.80
30	0.64	1.00	1.44	1.96	2.56	3.26	4.01	4.83	5.75	6.80	7.85	10.20	13.00
35	0.69	1.08	1.55	2.11	2.77	3.50	4.31	5.18	6.21	7.30	8.43	11.10	13.90
40	0.74	1.15	1.66	2.25	2.96	3.74	4.61	5.54	6.64	7.80	9.02	11.80	14.90
45	0.78	1.22	1.76	2.40	3.13	3.99	4.91	5.91	7.03	8.30	9.60	12.50	15.90
50	0.83	1.28	1.85	2.52	3.30	4.18	5.15	6.19	7.41	8.71	10.10	13.20	16.60
55	0.87	1.36	1.94	2.63	3.46	4.37	5.39	6.48	7.77	9.12	10.50	13.80	17.40
60	0.90	1.40	2.03	2.76	3.62	4.50	5.65	6.80	8.12	9.56	11.05	14.50	18.30
65	0.94	1.47	2.11	2.86	3.77	4.76	5.87	7.06	8.45	9.92	11.45	15.10	19.00
70	0.98	1.53	2.19	2.98	3.91	4.96	6.10	7.34	8.78	10.32	11.95	15.70	19.80
75	1.01	1.58	2.27	3.08	4.05	5.12	6.30	7.58	9.08	10.66	12.32	16.20	20.40
80	1.05	1.64	2.35	3.18	4.18	5.29	6.52	7.84	9.39	11.02	12.74	16.70	21.10
85	1.08	1.68	2.42	3.28	4.31	5.45	6.71	8.07	9.67	11.35	13.11	17.30	21.70
90	1.11	1.73	2.49	3.38	4.43	5.61	6.91	8.31	9.95	11.69	13.51	17.70	22.30
95	1.14	1.78	2.56	3.46	4.56	5.76	7.09	8.53	10.20	11.99	13.86	18.20	22.90
100	1.17	1.83	2.63	3.56	4.67	5.91	7.29	8.76	10.50	12.32	14.23	18.70	23.50

HANDY WATER EQUIVALENTS

1 CUBIC FOOT 7.48 GALLONS *per min* 62.4 LBS OF WATER
 43,560 CUBIC FT. 325,900 GALLONS 1 ACRE-FOOT
An acre-foot covers one acre of land one foot deep

1 CUBIC FOOT PER SECOND (CFS) 450 GALLONS PER MINUTE
 CFS 646,360 GALLONS PER DAY
 FOR 24 HOURS 1,983 ACRE-FEET
 FOR 30 DAYS 59.5 ACRE-FEET
 FOR 1 YEAR 724 ACRE-FEET

1 MILLION GALLONS 3.07 ACRE-FEET
 1,000 GALLONS PER MINUTE (GPM) 2.23 CFS
 1,000 GPM 4.42 ACRE-FEET PER DAY