

### Watter Buddy® Nozzle Size Chart with Flow

Head (feet)	Head (meter)	PSI	WATTER BUDDY® Nozzle Size (inch and mm) and Flow ( usgpm and l/s) Energy Systems and Design Ltd.									
			0.118” usgpm	3mm l/s	0.157” usgpm	4mm l/s	0.197” usgpm	5mm l/s	0.236” usgpm	6mm l/s	0.276” usgpm	7mm l/s
23.1	7.04	10	1.30	0.08	2.31	0.15	3.61	0.23	5.20	0.33	7.07	0.45
46.2	14.1	20	1.83	0.12	3.25	0.21	5.08	0.32	7.32	0.46	9.96	0.63
69.3	21.1	30	2.25	0.14	4.00	0.25	6.26	0.40	9.00	0.57	12.3	0.78
92.4	28.2	40	2.60	0.16	4.63	0.29	7.23	0.46	10.4	0.66	14.2	0.90
115	35.1	50	2.90	0.18	5.15	0.33	8.05	0.51	11.6	0.73	15.8	1.00
139	42.4	60	3.18	0.20	5.65	0.36	8.84	0.56	12.7	0.80	17.3	1.10
162	49.4	70	3.43	0.22	6.10	0.39	9.54	0.60	13.7	0.86	18.7	1.20
185	56.4	80	3.67	0.23	6.53	0.41	10.2	0.64	14.7	0.93	20.0	1.30
208	63.4	90	3.90	0.25	6.92	0.44	10.8	0.68	15.6	1.00	21.2	1.34

Note: This chart is for one nozzle. More than one nozzle can be used to accommodate greater water flow.

### Watter Buddy® Nozzle Size Chart with Power Output in Watts

Nozzle number and nozzle size in mm 12 and 24 volt														
	(1) 3mm	(1) 3mm	(1) 4mm	(1) 4mm	(1) 5mm	(1) 5mm	(2) 5mm	(2) 5mm	(1) 6mm	(1) 6mm	(1) 7mm	(1) 7mm	(2) 7mm	(2) 7mm
	12v	24v	12v	24v	12v	24v	12v	24v	12v	24v	12v	24v	12v	24v
PSI	watts													
10							6.0				3.0		21	
20					6.7		29	18	3		21	8.5	60	43
30			14	8	20	12	56	62	30	31	42	43	109	118
40			24	26	30	33	96	102	55	60	81	85	189	195
50	6.7		43	46	50	52	123		83	89	115	135	261	274
60	11	6.3	57	64	71	76	180	200	105	112	142	162		
70	15	14	74	81	90	93			130	138	188	200		
80	19	23	92	98	114	121			162	176	230	250		
90			110	118	135	146			190	210	272	295		
100			130	137	157	175			225	245	300	320		

1 psi is equal to 2.3 feet of head (0.7 meter)