

Watter Buddy® Nozzle Size Chart with Power Output in Watts

Nozzle number and nozzle size in mm 48 and 120 volt														
	(1) 3mm 48v	(1) 3mm 120v	(1) 4mm 48v	(1) 4mm 120v	(1) 5mm 48v	(1) 5mm 120v	(2) 5mm 48v	(2) 5mm 120v	(1) 6mm 48v	(1) 6mm 120v	(1) 7mm 48v	(1) 7mm 120v	(2) 7mm 48v	(2) 7mm 120v
PSI	watts													
10							4		2					16
20					8		25		18		26		68	36
30			9		24	10	62	12	40	21	56	12	124	88
40			18	11	40	30	89	74	63	48	85	73	200	205
50			33	23	59	59	157	161	104	88	141	155	306	324
60			49	35	89	94	205	232	147	144	200	212	418	444
70			58	61	120	139	264	296	190	216	250	285	503	
80		12	80	85	150	167	327		237	267	306	350	614	
90		22	100	121	182	207	390		273	324	360	428		
100			121		213		451		323		420			

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

Watter Buddy® Nozzle Flow Chart with Head and PSI

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"	3mm	0.157"	4mm	0.197"	5mm	0.236"	6mm	0.276"	7mm
			usgpm	l/s	usgpm	l/s	usgpm	l/s	usgpm	l/s	usgpm	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.