

OUTPUT IN WATTS PER NOZZLE FOR LV800

Psi	Feet	1/8		3/16		1/4		5/16		3/8		7/16		1/2		9/16		5/8	
30	69	GPM				9.9		15.5		22.3		30.4		39.6		50.2		62.0	
		Efficiency	Watts			40%	49	49%	94	57%	157	56%	211	55%	269	43%	266	36%	280
40	92			6.4		11.4		17.9		25.8		35.1		45.8		57.9		71.6	
				39%	42	55%	103	61%	181	64%	274	63%	365	60%	452	47%	447	39%	466
43	100			6.7		11.9		18.5		26.8		36.5		47.6		60.2		74.4	
				39%	47	56%	119	64%	213	63%	303	65%	429	60%	512	47%	514	40%	539
50	115	3.2		7.2		12.7		19.9		28.8		39.2		51.1		64.7		80.0	
		12%	8	47%	70	61%	160	64%	264	66%	393	66%	534	61%	650	48%	638	40%	668
52	120	3.26		7.3		13.0		20.3		29.3		39.9		52.1		65.9		81.5	
		14%	10	47%	74	60%	169	65%	285	65%	414	63%	540	61%	687	48%	677	41%	713
60	139	3.51		7.9		14.0		21.9		31.6		43.0		56.0		70.9		87.7	
		21%	18	51%	100	62%	216	65%	357	64%	506	62%	662	60%	835	46%	812	40%	869
65	150	3.64		8.2		14.5		22.7		32.8		44.7		58.2		73.7		91.1	
		28%	28	51%	113	63%	245	66%	404	64%	569	62%	750	58%	910	46%	914	39%	962
70	162	3.79		8.5		15.1		23.6		34.1		46.4		60.5		76.6		94.7	
		33%	36	52%	130	62%	271	66%	455	65%	646	61%	829	57%	1005	44%	987	39%	1072
80	185	4.05		9.1		16.1		25.2		36.4		49.6		64.7		81.9		101.2	
		36%	49	54%	165	60%	323	66%	558	63%	770	61%	1004	54%	1170	44%	1213	38%	1292
90	208	4.3		9.7		17.1		26.8		38.7		52.7		68.7		86.9		107.4	
		39%	62	55%	200	60%	382	65%	654	63%	914	60%	1179	53%	1357	44%	1420	36%	1454
100	231	4.52		10.2		18.0		28.2		40.7		55.5		72.3		91.6		113.2	
		41%	78	56%	237	60%	452	65%	761	63%	1067	58%	1346	51%	1539	42%	1596	35%	1627
110	254	4.75		10.7		18.9		29.6		42.7		58.2		75.9		96.1			
		45%	97	55%	270	59%	512	63%	849	62%	1207	56%	1502	49%	1690	30%	1722		

CALCULATION OF WATER CONSUMPTION

92' OF HEAD @ 40 PSI 2 NOZZLES @ 25.8 GPM
 EQUALS 51.6 GPM (THIS IS WORST CASE)

THE HYDRO IS USED WITH 2 NOZZLES IN BIG RUN OFFS.
 Normally only one is used.