

HEATING FLOWING OIL

QUICK ESTIMATE CHART

OIL AMOUNT (Gallons/min)(Cubic Ft/min)		WATTAGE REQUIRED TO RAISE OIL TEMPERATURE °F							
		10° F	25° F	50° F	75° F	100° F	150° F	250° F	300° F
0.1	0.01	86	216	431	647	863	1294	2157	2589
0.2	0.03	173	431	863	1294	1726	2589	4314	5177
0.25	0.03	216	539	1079	1618	2157	3236	5393	6472
0.5	0.07	431	1079	2157	3236	4314	6472	10786	12943
0.75	0.1	647	1618	3236	4854	6472	9707	16179	19415
1.5	0.2	1294	3236	6472	9707	12943	19415	32358	38829
2	0.27	1726	4314	8629	12943	17257	25886	43144	51772
2.5	0.33	2157	5393	10786	16179	21572	32358	53929	64715
3	0.4	2589	6472	12943	19415	25886	38829	64715	77658
4	0.53	3451	8629	17257	25886	34515	51772	86287	103545
5	0.67	4314	10786	21572	32358	43144	64715	107859	129431
6	0.8	5177	12943	25886	38829	51772	77658	129431	155317
7	0.94	6040	15100	30200	45301	60401	90601	151002	181203
8	1.07	6903	17257	34515	51772	69030	103545	172574	207089
9	1.2	7766	19415	38829	58244	77658	116488	194146	232975
10	1.34	8629	21572	43144	64715	86287	129431	215718	258861
12.5	1.67	10786	26965	53929	80894	107859	161788	269647	323577