

Vaporization Rates of Cylinders

Output in BTU's per hour - Vertical Cylinder 25% full - Minimum Cylinder Pressure 10 PSI

Cylinder Size

Outside Temperature	<u>20</u>	<u>30</u>	<u>40</u>	<u>100</u>	<u>200</u>	<u>420</u>
+60F	24,000	32,000	40,100	79,700	125,900	185,500
+50F	21,200	28,300	35,500	70,600	111,500	164,300
+40F	18,450	24,700	31,000	61,500	97,200	143,100
+30F	15,700	21,000	26,400	52,400	82,800	122,000
+20F	13,000	17,300	21,800	43,300	68,400	100,700
+10F	10,250	13,700	17,200	34,200	54,000	79,500
0	7,500	10,000	12,600	25,000	39,500	58,300
-10F	4,780	6,400	8,000	16,000	25,300	37,100
-20F	2,050	2,700	3,400	6,800	10,700	15,900

Cylinder Capacities in Gallons and BTU's

Size	Gallon Capacity	Total BTU Capacity
20#	4.8	441,600
30#	7.1	653,200
40#	9.5	874,000
60#	14.3	1,315,600
100#	23.8	2,189,600
200#	47.2	4,342,400
420#	99.1	9,117,200

BTU consumption chart based on generator/engine size and load

Generator Wattage	Engine Horsepower	Full Load	75% Load	50% Load
1850	3.5	35,000	26,250	17,500
4000	8	80,000	60,000	40,000
5000	10	100,000	75,000	50,000
7500	15.5	155,000	116,250	77,500
8000	16	160,000	120,000	80,000
10,000	20	200,000	150,000	100,000
12,000	24	240,000	180,000	120,000