



for all your Gas needs

PREFERRED GAS

PROPANE TANK VAPORIZATION TABLES

The vaporization rate of a propane tank is affected by how full the tank is and the ambient temperature. The below tables show that the BTU/hr capability of propane tanks decrease in colder temperatures and as liquid propane volume is reduced.

VAPORIZATION RATE OF 500 GALLON PROPANE TANK

Temp F \ % Full	10%	20%	30%	40%	50%	60%	70%	80%
50°	273,000	364,000	455,000	546,000	63,700	728,000	805,350	841,750
40°	273,000	364,000	455,000	546,000	63,700	728,000	805,350	841,750
0°	227,500	304,850	372,100	455,000	523,250	609,700	682,500	750,750
20°	182,000	236,600	304,850	364,000	395,850	477,750	532,350	614,250
10°	136,500	182,000	227,500	273,000	295,750	364,000	386,750	455,000
0°	91,000	113,750	154,700	182,000	204,750	236,600	259,350	295,750
-10°	45,000	59,150	77,350	91,000	100,100	113,750	136,500	150,150
-20°	22,750	29,125	38,250	45,150	50,000	56,250	68,200	75,100

Vaporization rate, in BTU/hr, of 500-gallon tank (41" x 8' 8" overall) at different temperatures and fill percentages.

VAPORIZATION RATE OF 1,000 GALLON PROPANE TANK

Temp F \ % Full	10%	20%	30%	40%	50%	60%	70%	80%
50°	682,500	855,400	1,023,750	1,325,000	1,389,750	1,569,750	1,751,750	1,933,750
40°	582,400	725,000	887,250	1,150,000	183,000	1,342,250	1,501,500	1,660,750
30°	491,400	523,250	728,000	864,500	1,001,000	1,128,400	1,251,250	1,387,750
20°	391,300	477,350	491,500	682,500	796,250	896,350	1,000,100	1,092,000
10°	291,200	364,000	432,250	523,250	591,500	673,400	750,750	819,000
0°	200,200	236,400	295,750	341,250	395,850	455,000	500,500	546,000
-10°	109,200	127,400	154,600	182,000	204,750	227,500	250,250	273,000
-20°	50,000	64,200	72,350	90,250	101,300	112,250	122,150	135,250

Vaporization rate, in BTU/hr, of 1,000-gallon tank (41" x 16' 3" overall) at different temperatures and fill percentages