



AMERICA'S BOILER COMPANY

80% efficiency

1,000	lbs/hr steam
<u>x 33,475</u>	
33,475,000	btu/hr output
<u>0.80</u>	efficiency
41,843,750	btu/hr input
<u>1,000</u>	btu/cu ft natural gas
41,844	cu ft/ hr gas used
<u>0.0100000</u>	dollars/cu ft gas cost
\$418.44	gas cost for 1,000 lbs/hr steam
\$4,184.38	gas cost for 10,000 lbs/hr steam

84% efficiency

1,000
<u>x 33,475</u>
33,475,000
<u>0.84</u>
39,851,190
<u>1,000</u>
39,851
<u>0.0100000</u>
\$398.51
\$3,985.12

81% efficiency

1,000	lbs/hr steam
<u>x 33,475</u>	
33,475,000	btu/hr output
<u>0.81</u>	efficiency
41,327,160	btu/hr input
<u>1,000</u>	btu/cu ft natural gas
41,327	cu ft/ hr gas used
<u>0.0100000</u>	dollars/cu ft gas cost
\$413.27	gas cost for 1,000 lbs/hr steam
\$4,132.72	gas cost for 10,000 lbs/hr steam

85% efficiency

1,000
<u>x 33,475</u>
33,475,000
<u>0.85</u>
39,382,353
<u>1,000</u>
39,382
<u>0.0100000</u>
\$393.82
\$3,938.24

82% efficiency

1,000	lbs/hr steam
<u>x 33,475</u>	
33,475,000	btu/hr output
<u>0.82</u>	efficiency
40,823,171	btu/hr input
<u>1,000</u>	btu/cu ft natural gas
40,823	cu ft/ hr gas used
<u>0.0100000</u>	dollars/cu ft gas cost
\$408.23	gas cost for 1,000 lbs/hr steam
\$4,082.32	gas cost for 10,000 lbs/hr steam

86% efficiency

1,000
<u>x 33,475</u>
33,475,000
<u>0.86</u>
38,924,419
<u>1,000</u>
38,924
<u>0.0100000</u>
\$389.24
\$3,892.44

83% efficiency

1,000	lbs/hr steam
<u>x 33,475</u>	
33,475,000	btu/hr output
<u>0.83</u>	efficiency
40,331,325	btu/hr input
<u>1,000</u>	btu/cu ft natural gas
40,331	cu ft/ hr gas used
<u>0.0100000</u>	dollars/cu ft gas cost
\$403.31	gas cost for 1,000 lbs/hr steam
\$4,033.13	gas cost for 10,000 lbs/hr steam

87% efficiency

1,000
<u>x 33,475</u>
33,475,000
<u>0.87</u>
38,477,011
<u>1,000</u>
38,477
<u>0.0100000</u>
\$384.77
\$3,847.70