

2008 Pool Heater Energy Data

What is "thermal efficiency"?

Thermal efficiency (expressed as a percentage) is the measure of efficiency for pool heaters - the higher the percentage, the more efficient the model.

What does "Input (BTU/Hr)" mean?

Manufacturers size their pool heaters by the heat "input" rating which is measured in British Thermal Units (BTU's) per hour. This is a measurement of the heat value that the pool heater produces per hour.

NOTE: Data submitted to the Federal Trade Commission in May 2008.

Sorted by Fuel Type (Natural Gas / Oil / Propane) then Efficiency

BRAND	MODEL NUMBER	FUEL TYPE gas/oil/lpg	INPUT BTU/hr.	THERMAL EFFICIENCY %
Minimax	75	Natural Gas	74,990	79.0
Minimax	100 DSI	Natural Gas	100,000	79.0
Minimax	100 MV	Natural Gas	100,000	79.0
Minimax	150CH	Natural Gas	150,000	79.0
Minimax	200CH	Natural Gas	200,000	79.0
Minimax	NT200	Natural Gas	200,000	79.0
Minimax	NT200LN	Natural Gas	200,000	79.0
Minimax	NT200TSI	Natural Gas	200,000	79.0
Minimax	250CH	Natural Gas	250,000	79.0
Minimax	NT250	Natural Gas	250,000	79.0
Minimax	NT250LN	Natural Gas	250,000	79.0
Minimax	NT250TSI	Natural Gas	250,000	79.0
Minimax	300CH	Natural Gas	300,000	79.0
Minimax	NT300	Natural Gas	300,000	79.0
Minimax	NT300TSI	Natural Gas	300,000	79.0
Minimax	350CH	Natural Gas	350,000	79.0
Minimax	400CH	Natural Gas	399,990	79.0
Minimax	NT400	Natural Gas	399,990	79.0
Minimax	NT400LN	Natural Gas	399,990	79.0
Minimax	NT400TSI	Natural Gas	399,990	79.0
Lite 2	LD125N**	Natural Gas	125,000	79.2

Lite 2	LJ125N**	Natural Gas	125,000	79.2
Lite 2	LG125N**	Natural Gas	125,000	79.2
Lite 2	LD175N**	Natural Gas	175,000	79.3
Lite 2	LJ175N**	Natural Gas	175,000	79.3
Lite 2	LG175N**	Natural Gas	175,000	79.3
Lite 2	LD250N**	Natural Gas	250,000	79.3
Lite 2	LJ250N**	Natural Gas	250,000	79.3
Lite 2	LG250N**	Natural Gas	250,000	79.3
Hayward	H1501	Natural Gas	150,000	80.0
Hayward	H150ED2	Natural Gas	150,000	80.0
Hayward	H2001	Natural Gas	200,000	80.0
Hayward	H200ED2	Natural Gas	200,000	80.0
Hayward	H2501	Natural Gas	250,000	80.0
Hayward	H250ED2	Natural Gas	250,000	80.0
Hayward	H3001	Natural Gas	300,000	80.0
Hayward	H300ED2	Natural Gas	300,000	80.0
Hayward	H3501	Natural Gas	350,000	80.0
Hayward	H350ED2	Natural Gas	350,000	80.0
Hayward	H4001	Natural Gas	400,000	80.0
Hayward	H400ED2	Natural Gas	400,000	80.0
Hayward	H100ID1	Natural Gas	100,000	81.0
Hayward	ABG1001	Natural Gas	100,000	81.0
LT	LT250N**	Natural Gas	250,000	81.0
LT	LT400N**	Natural Gas	399,000	81.0
LX	LX250N**	Natural Gas	250,000	81.0
LX	LX400N**	Natural Gas	399,000	81.0
MasterTemp	MSTRTMP250HD	Natural Gas	250,000	81.0
MasterTemp	MSTRTMP400HD	Natural Gas	399,990	81.0
Max-E-Therm	SR200HD	Natural Gas	200,000	81.0
Max-E-Therm	SR333HD	Natural Gas	333,000	81.0
Max-E-Therm	SR400HD	Natural Gas	399,990	81.0
Raypak	-R055B-(E,M)N	Natural Gas	50,000	81.0
Raypak	-R105A-(E,M)N	Natural Gas	105,000	81.0
Raypak	-R130A-(E,M)N	Natural Gas	130,000	81.0
Raypak	-R155C-(E,M)N	Natural Gas	151,000	81.0
Rheem	-M130A-(E,M)N	Natural Gas	130,000	81.0
Ruud	-D130A-(E,M)N	Natural Gas	130,000	81.0
LXi	LXI400N**	Natural Gas	399,000	81.8
LXi	LXI250N**	Natural Gas	250,000	82.0
LXi	LXI300N**	Natural Gas	300,000	82.0
Raypak	-R206A-(E,M)N-	Natural Gas	199,500	82.0
Raypak	-R207A-(E,M)N-	Natural Gas	199,500	82.0

Raypak	-R266A-(E,M)N-	Natural Gas	266,000	82.0
Raypak	-R267A-(E,M)N-	Natural Gas	266,000	82.0
Raypak	-R336A-(E,M)N-	Natural Gas	332,500	82.0
Raypak	-R337A-(E,M)N-	Natural Gas	332,500	82.0
Raypak	P-0399	Natural Gas	399,000	82.0
Raypak	-R406A-(E,M)N-	Natural Gas	399,000	82.0
Raypak	-R407A-(E,M)N-	Natural Gas	399,000	82.0
Rheem	-M206A-(E,M)N-	Natural Gas	199,500	82.0
Rheem	-M207A-(E,M)N-	Natural Gas	199,500	82.0
Rheem	-M266A-(E,M)N-	Natural Gas	266,000	82.0
Rheem	-M267A-(E,M)N-	Natural Gas	266,000	82.0
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Rheem	-M407A-(E,M)N-	Natural Gas	399,000	82.0
Ruud	-D206A-(E,M)N-	Natural Gas	199,500	82.0
Ruud	-D207A-(E,M)N-	Natural Gas	199,500	82.0
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Ruud	-D406A-(E,M)N-	Natural Gas	399,000	82.0
Ruud	-D407A-(E,M)N-	Natural Gas	399,000	82.0
Lite 2	LD325N**	Natural Gas	325,000	82.1
Lite 2	LJ325N**	Natural Gas	325,000	82.1
Lite 2	LG325N**	Natural Gas	325,000	82.1
Lite 2	LD400N**	Natural Gas	399,000	82.3
Lite 2	LJ400N**	Natural Gas	399,000	82.3
Lite 2	LG400N**	Natural Gas	399,000	82.3
Hayward	H250FDN	Natural Gas	250,000	83.0
Hayward	H350FDN	Natural Gas	350,000	83.0
Hayward	H400FDN	Natural Gas	400,000	83.0
Hayward	H250IDL2	Natural Gas	250,000	84.0
Hayward	H350IDL2	Natural Gas	350,000	84.0
Hayward	H400IDL2	Natural Gas	400,000	84.0
MasterTemp	MSTRTMP175	Natural Gas	175,000	84.0
MasterTemp	MSTRTMP200	Natural Gas	200,000	84.0
MasterTemp	MSTRTMP250	Natural Gas	250,000	84.0
MasterTemp	MSTRTMP300	Natural Gas	300,000	84.0
MasterTemp	MSTRTMP400	Natural Gas	399,990	84.0
Max-E-Therm	SR200NA	Natural Gas	200,000	84.0
Max-E-Therm	SR333NA	Natural Gas	333,000	84.0

Max-E-Therm	SR400NA	Natural Gas	399,990	84.0
Raypak	P-0122	Natural Gas	120,000	84.0
Raypak	P-0162	Natural Gas	160,000	84.0
Raypak	P-0202	Natural Gas	199,000	84.0
Raypak	P-0242	Natural Gas	240,000	84.0
Raypak	P-0302	Natural Gas	300,000	84.0
Raypak	P-0322	Natural Gas	320,000	84.0
Raypak	P-0402	Natural Gas	399,000	84.0
EnergyRite	ER(N,L)202	Natural Gas	200,000	86.3
EnergyRite	ER(N,L)302	Natural Gas	300,000	86.4
EnergyRite	ER(N,L)152	Natural Gas	150,000	86.6
EnergyRite	ER(N,L)402	Natural Gas	400,000	86.9
Copper-Fin	CP(N,L)751	Natural Gas	750,000	87.1
Copper-Fin	CP(N,L)501	Natural Gas	500,000	87.3
EnergyRite	ER(N,L)252	Natural Gas	250,000	87.8
Copper-Fin	CP(N,L)651	Natural Gas	650,000	89.0
Hi-E2	EHE350N**	Natural Gas	350,000	95.0
XL-3	DP3000	Oil	315,000	79.0
Minimax	100 DSI	Propane	100,000	79.0
Minimax	100 MV	Propane	100,000	79.0
Minimax	150CH	Propane	150,000	79.0
Minimax	200CH	Propane	200,000	79.0
Minimax	NT200LP	Propane	200,000	79.0
Minimax	250CH	Propane	250,000	79.0
Minimax	NT250LP	Propane	250,000	79.0
Minimax	300CH	Propane	300,000	79.0
Minimax	NT300LP	Propane	300,000	79.0
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Lite 2	LJ125P**	Propane	125,000	79.2
Lite 2	LG125P**	Propane	125,000	79.2
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Lite 2	LJ250P**	Propane	250,000	79.3

Lite 2	LG250P**	Propane	250,000	79.3
Hayward	H150P1	Propane	150,000	80.0
Hayward	H150PED2	Propane	150,000	80.0
Hayward	H200P1	Propane	200,000	80.0
Hayward	H200PED2	Propane	200,000	80.0
Hayward	H250P1	Propane	250,000	80.0
Hayward	H250PED2	Propane	250,000	80.0
Hayward	H300P1	Propane	300,000	80.0
Hayward	H300PED2	Propane	300,000	80.0
Hayward	H350P1	Propane	350,000	80.0
Hayward	H350PED2	Propane	350,000	80.0
Hayward	H400P1	Propane	400,000	80.0
Hayward	H400PED2	Propane	400,000	80.0
Hayward	H100IDP1	Propane	100,000	81.0
Hayward	ABG100P1	Propane	100,000	81.0
LT	LT250P**	Propane	250,000	81.0
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Lite 2	LJ400P**	Propane	399,000	82.3
Lite 2	LG400P**	Propane	399,000	82.3
Hayward	H250FDP	Propane	250,000	83.0
Hayward	H350FDP	Propane	350,000	83.0
Hayward	H400FDP	Propane	400,000	83.0
Hayward	H250IDPL2	Propane	250,000	84.0
Hayward	H350IDPL2	Propane	350,000	84.0
Hayward	H400IDPL2	Propane	400,000	84.0
MasterTemp	MSTRTMP175	Propane	175,000	84.0
MasterTemp	MSTRTMP200	Propane	200,000	84.0
MasterTemp	MSTRTMP250	Propane	250,000	84.0
MasterTemp	MSTRTMP300	Propane	300,000	84.0
MasterTemp	MSTRTMP400	Propane	399,990	84.0
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Copper-Fin	CP(N,L)501	Propane	500,000	87.3
EnergyRite	ER(N,L)252	Propane	250,000	87.8
Copper-Fin	CP(N,L)651	Propane	650,000	89.0
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