2011 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 2011.

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

BRAND	MODEL NUMBER	FUEL TYPE gas/oil/lpg	INPUT BTU/hr.	THERMAL EFFICIENCY %
Copper-Fin	CP(N,L)501	Natural Gas	500,000	87.3
Copper-Fin	CP(N,L)502	Natural Gas	500,000	85.0
Copper-Fin	CP(N,L)651	Natural Gas	650,000	89.0
Copper-Fin	CP(N,L)652	Natural Gas	650,000	85.0
Copper-Fin	CP(N,L)751	Natural Gas	750,000	87.1
Copper-Fin	CP(N,L)752	Natural Gas	750,000	85.0
EnergyRite	ER(N,L)152	Natural Gas	150,000	86.0
EnergyRite	ER(N,L)202	Natural Gas	200,000	86.0
EnergyRite	ER(N,L)252	Natural Gas	250,000	86.0
EnergyRite	ER(N,L)302	Natural Gas	300,000	86.0
EnergyRite	ER(N,L)402	Natural Gas	400,000	86.0
Hayward	ABG1001	Natural Gas	100,000	80.0
Hayward	H100ID1	Natural Gas	100,000	80.0
Hayward	H1501	Natural Gas	150,000	80.0
Hayward	H150ED2	Natural Gas	150,000	80.0
Hayward	H150ED2C	Natural Gas	150,000	80.0
Hayward	H150FDN	Natural Gas	150,000	82.7
Hayward	H2001	Natural Gas	200,000	80.0
Hayward	H200ED2	Natural Gas	200,000	80.0
Hayward	H200ED2C	Natural Gas	200,000	80.0
Hayward	H200FDN	Natural Gas	199,900	83.0
Hayward	H2501	Natural Gas	250,000	80.0
Hayward	H250ED2	Natural Gas	250,000	80.0
Hayward	H250ED2C	Natural Gas	250,000	80.0
Hayward	H250FDN	Natural Gas	250,000	83.0
Hayward	H250FDNASME	Natural Gas	250,000	83.0
Hayward	H3001	Natural Gas	300,000	80.0
Hayward	H300ED2	Natural Gas	300,000	80.0
Hayward	H300ED2C	Natural Gas	300,000	80.0
Hayward	H300FDN	Natural Gas	300,000	82.7
Hayward	H350FDN	Natural Gas	350,000	83.0
Hayward	H4001	Natural Gas	400,000	80.0
Hayward	H400ED2	Natural Gas	400,000	80.0

Hayward	H400ED2C	Natural Gas	400,000	80.0
Hayward	H400FDN	Natural Gas	399,900	83.0
Hayward	H400FDNASME	Natural Gas	400,000	83.0
Hayward	H400FDNBH	Natural Gas	399,900	83.0
Hi-E2	EHE350N**	Natural Gas	350,000	95.0
LRZ	LRZ125N**	Natural Gas	125,000	78.2
LRZ	LRZ175N**	Natural Gas	175,000	79.6
LRZ	LRZ250N**	Natural Gas	250,000	80.8
LRZ	LRZ325N**	Natural Gas	325,000	80.4
LRZ	LRZ400N**	Natural Gas	399,000	81.0
LXi	LXI250N**	Natural Gas	250,000	82.0
LXi	LXI300N**	Natural Gas	300,000	82.0
LXi	LXI400N**	Natural Gas	399,000	81.8
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	MSTRTMP250HD	Natural Gas	250,000	81.0
MasterTemp	MSTRTMP300	Natural Gas	300,000	84.0
MasterTemp	MSTRTMP400	Natural Gas	399,990	84.0
MasterTemp	MSTRTMP400HD	Natural Gas	399,990	81.0
Max-E-Therm	SR200HD	Natural Gas	200,000	81.0
Max-E-Therm	SR200NA	Natural Gas	200,000	84.0
Max-E-Therm	SR333HD	Natural Gas	333,000	81.0
Max-E-Therm	SR333NA	Natural Gas	333,000	84.0
Max-E-Therm	SR400HD	Natural Gas	399,990	81.0
Max-E-Therm	SR400NA	Natural Gas	399,990	84.0
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	250CH	Natural Gas	250,000	79.0
Minimax	300CH	Natural Gas	300,000	79.0
Minimax	350CH	Natural Gas	350,000	79.0
Minimax	400CH	Natural Gas	399,990	79.0
Raypak	P-0302B	Natural Gas	300,000	84.0
Raypak	P-0402B	Natural Gas	399,000	84.0
Raypak	-R055B-(E,M)N	Natural Gas	50,000	81.0
Raypak	-R130A-(E,M)N	Natural Gas	130,000	81.0
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	-R406A-(E,M)N-	Natural Gas	399,000	82.0
Raypak	-R407A-(E,M)N-	Natural Gas	399,000	82.0
Rheem	-M130A-(E,M)N	Natural Gas	130,000	81.0
Rheem	-M206A-(E,M)N-	Natural Gas	199,500	82.0
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Ruud	-D130A-(E,M)N	Natural Gas	130,000	81.0
Ruud	-D206A-(E,M)N-	Natural Gas	199,500	82.0
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Hayward	H100IDP1	Propane	100,000	80.0
Hayward	H150FDP	Propane	150,000	82.7
Hayward	H150P1	Propane	150,000	80.0
Hayward	H150PED2	Propane	150,000	80.0
Hayward	H150PED2C	Propane	150,000	80.0
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Hayward	H250FDPASME	Propane	250,000	83.0
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Hayward	H400FDP	Propane	399,900	83.0
Hayward	H400FDPASME	Propane	400,000	83.0
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