

2003 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.

2003 Propane Gas Pool Heaters - Listed by Brand Name

| Brand | Model Number | Input (BTU/Hr) | Thermal Efficiency (%) |
|-------------------|-------------------|----------------|------------------------|
| Chaleur | CHS | 100000 | 80 |
| Copper-Fin | CP(N,L)401 | 400000 | 87.9 |
| Copper-Fin | CP(N,L)501 | 500000 | 87.3 |
| Copper-Fin | CP(N,L)651 | 650000 | 89 |
| Copper-Fin | CP(N,L)751 | 750000 | 87.1 |
| EnergyRite | ER(N,L)151 | 150000 | 86.6 |
| EnergyRite | ER(N,L)201 | 200000 | 86.3 |
| EnergyRite | ER(N,L)251 | 250000 | 87.8 |
| EnergyRite | ER(N,L)301 | 300000 | 86.4 |
| EnergyRite | ER(N,L)401 | 400000 | 86.9 |
| Hayward | H100ID1 | 100000 | 81 |
| Hayward | H100ID1 | 100000 | 81 |
| Hayward | H100ID1 | 100000 | 81 |
| Hayward | H200 | 200000 | 83 |
| Hayward | H200 | 200000 | 83 |
| Hayward | H200 | 200000 | 83 |
| Hayward | H200 | 200000 | 83 |
| Hayward | H250 | 250000 | 83 |
| Hayward | H250 | 250000 | 83 |
| Hayward | H250 | 250000 | 83 |
| Hayward | H250 | 250000 | 83 |
| Hayward | H250IDL | 250000 | 84 |
| Hayward | H250IDL | 250000 | 84 |
| Hayward | H250IDL | 250000 | 84 |
| Hayward | H300 | 300000 | 83 |
| Hayward | H300 | 300000 | 83 |
| Hayward | H300 | 300000 | 83 |
| Hayward | H350 | 350000 | 83 |
| Hayward | H350 | 350000 | 83 |
| Hayward | H350 | 350000 | 83 |
| Hayward | H400 | 400000 | 83 |
| Hayward | H400 | 400000 | 83 |
| Hayward | H400 | 400000 | 83 |
| Hayward | H400IDL | 400000 | 84 |
| Hayward | H400IDL | 400000 | 84 |
| Hayward | H400IDL | 400000 | 84 |
| Hi-E2 | EHE | 220000 | 94.5 |
| Hi-E2 | EHE | 350000 | 95 |

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|--------------|--------------|----------------|------------------------|
| Hi-E2 | HJ | 350000 | 95 |
| Hot Shot | LHS | 100000 | 80 |
| Laars Lite 2 | LD | 125000 | 79.2 |
| Laars Lite 2 | LD | 175000 | 79.3 |
| Laars Lite 2 | LD | 250000 | 79.3 |
| Laars Lite 2 | LD | 325000 | 82.1 |
| Laars Lite 2 | LD | 400000 | 82.3 |
| Laars Lite 2 | LG | 125000 | 79.2 |
| Laars Lite 2 | LG | 175000 | 79.3 |
| Laars Lite 2 | LG | 250000 | 79.3 |
| Laars Lite 2 | LG | 325000 | 82.1 |
| Laars Lite 2 | LG | 400000 | 82.3 |
| Laars LT | LT | 250000 | 80.8 |
| Laars LT | LT | 400000 | 81 |
| Laars LT | LT-L | 250000 | 80.8 |
| Laars LT | LT-L | 400000 | 81 |
| Laars LX | LX | 250000 | 80.8 |
| Laars LX | LX | 400000 | 81 |
| Laars LX | LX-L | 250000 | 80.8 |
| Laars LX | LX-L | 400000 | 81 |
| Lite 2 | LG | 125000 | 79.2 |
| Lite 2 | LG | 175000 | 79.3 |
| Lite 2 | LG | 250000 | 79.3 |
| Lite 2 | LG | 325000 | 82.1 |
| Lite 2 | LG | 400000 | 82.3 |
| Lite 2 | LJ | 125000 | 79.2 |
| Lite 2 | LJ | 175000 | 79.3 |
| Lite 2 | LJ | 250000 | 79.3 |
| Lite 2 | LJ | 325000 | 82.1 |
| Lite 2 | LJ | 400000 | 82.3 |
| MiniMax | 100 IID | 100000 | 82 |
| MiniMax | 100 MV | 100000 | 82 |
| MiniMax | 150 CH IID | 150000 | 82 |
| MiniMax | 150 CH MV | 150000 | 82 |
| MiniMax | 150 IID | 150000 | 82 |
| MiniMax | 150 MV | 150000 | 82 |
| MiniMax | 200 CH MV | 200000 | 82 |
| MiniMax | 200 MV | 200000 | 82 |
| MiniMax | 200 NT | 200000 | 82 |
| MiniMax | 250 CH MV | 250000 | 82 |
| MiniMax | 250 IID | 250000 | 82 |
| MiniMax | 250 MV | 250000 | 82 |
| MiniMax | 250 NT | 250000 | 82 |
| MiniMax | 300 CH MV | 300000 | 82 |
| MiniMax | 300 IID | 300000 | 82 |
| MiniMax | 300 MV | 300000 | 82 |
| MiniMax | 300 NT | 300000 | 82 |
| MiniMax | 350 CH MV | 350000 | 82 |

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| Brand | Model Number | Input (BTU/Hr) | Thermal Efficiency (%) |
|---------|--------------|----------------|------------------------|
| MiniMax | 350 IID | 350000 | 82 |
| MiniMax | 350 MV | 350000 | 82 |
| MiniMax | 400 CH MV | 400000 | 82 |
| MiniMax | 400 IID | 400000 | 82 |
| MiniMax | 400 MV | 400000 | 82 |
| MiniMax | 400 NT | 400000 | 82 |
| MiniMax | 525 IID | 525000 | 80 |
| MiniMax | 750 IID | 750000 | 80 |
| MiniMax | 900 IID | 900000 | 80 |
| Raypak | -055B-EP | 50000 | 81 |
| Raypak | -105A-EP | 105000 | 81 |
| Raypak | -155C-EP | 151000 | 81 |
| Raypak | P-0122 | 120000 | 84 |
| Raypak | P-0162 | 160000 | 84 |
| Raypak | P-0202 | 199000 | 84 |
| Raypak | P-0242 | 240000 | 84 |
| Raypak | P-0302 | 300000 | 84 |
| Raypak | P-0322 | 320000 | 84 |
| Raypak | P-0399 | 399000 | 82 |
| Raypak | P-0402 | 399000 | 84 |
| Raypak | P-0499 | 500000 | 82 |
| Raypak | P-0500 | 500000 | 84 |
| Raypak | P-0500CHX | 500000 | 98 |
| Raypak | P-0502 | 500000 | 84 |
| Raypak | P-0514 | 511500 | 82 |
| Raypak | P-0624 | 627000 | 82 |
| Raypak | P-0649 | 650000 | 82 |
| Raypak | P-0652 | 650000 | 84 |
| Raypak | P-0724 | 726000 | 82 |
| Raypak | P-0749 | 750000 | 82 |
| Raypak | P-0751 | 750000 | 84 |
| Raypak | P-0751CHX | 750000 | 98 |
| Raypak | P-0752 | 750000 | 84 |
| Raypak | P-0824 | 825000 | 82 |
| Raypak | P-0899 | 900000 | 82 |
| Raypak | P-0902 | 900000 | 84 |
| Raypak | P-0926 | 926000 | 82 |
| Raypak | P-0962 | 961700 | 82 |
| Raypak | P-0989 | 990000 | 82 |
| Raypak | P-0992 | 990000 | 84 |
| Raypak | P-1001 | 999500 | 84 |
| Raypak | P-1001CHX | 999500 | 98 |
| Raypak | P-1083 | 1083000 | 82 |
| Raypak | P-1125 | 1124700 | 82 |
| Raypak | P-1178 | 1178000 | 82 |
| Raypak | P-1223 | 1222500 | 82 |
| Raypak | P-1259 | 1260000 | 82 |
| Raypak | P-1262 | 1260000 | 84 |

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| Brand | Model Number | Input (BTU/Hr) | Thermal Efficiency (%) |
|---------------|---------------------|-----------------------|-------------------------------|
| Raypak | P-1287 | 1287000 | 82 |
| Raypak | P-1336 | 1336600 | 82 |
| Raypak | P-1414 | 1413000 | 82 |
| Raypak | P-1468 | 1467000 | 82 |
| Raypak | P-1529 | 1530000 | 82 |
| Raypak | P-1532 | 1530000 | 84 |
| Raypak | P-1571 | 1570000 | 82 |
| Raypak | P-1631 | 1630000 | 82 |
| Raypak | P-1758 | 1758000 | 82 |
| Raypak | P-1799 | 1800000 | 82 |
| Raypak | P-1802 | 1800000 | 84 |
| Raypak | P-1826 | 1825600 | 82 |
| Raypak | P-1999 | 1999000 | 82 |
| Raypak | P-2002 | 1999000 | 84 |
| Raypak | P-2069 | 2070000 | 82 |
| Raypak | P-2072 | 2070000 | 84 |
| Raypak | P-2100 | 2100000 | 82 |
| Raypak | P-2100B | 1999000 | 82 |
| Raypak | P-2339 | 2340000 | 82 |
| Raypak | P-2342 | 2340000 | 84 |
| Raypak | P-2500 | 2499000 | 82 |
| Raypak | P-3001 | 3000000 | 82 |
| Raypak | P-3500 | 3500000 | 82 |
| Raypak | P-4001 | 4000000 | 82 |
| Raypak | -R-185A-EP | 181000 | 82 |
| Raypak | -R-265A-EP | 264000 | 82 |
| Raypak | -R-335A-EP | 334000 | 82 |
| Raypak | -R-405A-EP | 399000 | 82 |