

Technology Comparison

Maximum Performance



HYDROMAX™

Hot Water Makers®

HydroMax

Utilizes existing boiler energy to heat water.



- Best hot water output.
- Highest overall efficiency.
- Insulated storage for peak demands.
- Installs almost anywhere. No flame, flue or fuel lines.
- Non-metallic water reservoir for long life and cleaner water.
- *Instantaneous Indirect Technology™* reduces unwanted cycling and provides endless hot water.
- Removable heat exchanger can be easily cleaned.

Tankless Wall-Hung

Water is heated as it flows through unit.



- ✔ Small footprint.
- ✔ Good firing efficiency.
- ✘ No storage. Simultaneous demands often exceed heater capacity.
- ✘ Requires dedicated flue.
- ✘ Gas supply line often needs to be upsized.
- ✘ Delayed start extends wait time for hot water.
- ✘ Can take over 20 years to achieve payback.
- ✘ Sensitive to scale buildup.

Conventional Gas-Fired

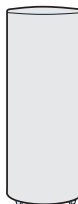
Natural Gas or LP flame heats stored water.



- ✔ Better hot water output than electric.
- ✔ Popular replacement for many homes.
- ✘ May take over an hour to reheat.
- ✘ Conventional models offer poor efficiency.
- ✘ Heat loss typically high during idle periods.

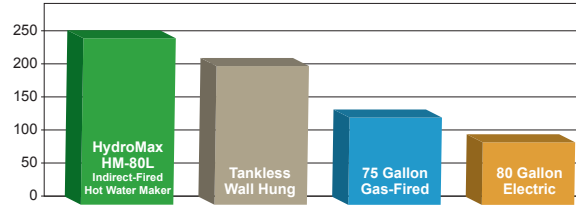
Conventional Electric

Electric elements heat stored water.



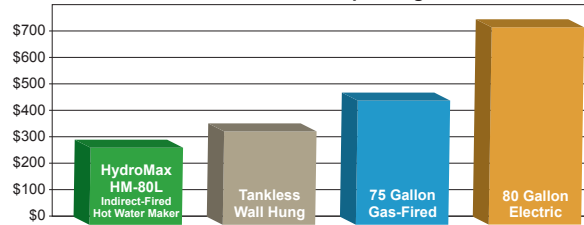
- ✔ Least expensive to purchase and install.
- ✔ Simple hookup, no flue or fuel lines.
- ✘ Poor hot water recovery performance.
- ✘ Electricity is typically the most expensive water heating method.
- ✘ Heating elements and anode rod often require service.

Hot Water Availability (Gallons in First Hour)



Data based on published manufacturer ratings for high-output models.
Heat Input: Indirect 140,000 BTUH; Tankless 199,000 BTUH; Gas 70,000 BTUH; Electric 5500W

Estimated Annual Operating Cost



Costs based on US Department of Energy (DOE) guidelines for a four person household.
Energy Factor (EF/CAE): Boiler/Indirect .85, Tankless .82, Gas .59, Electric .92



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There are many choices for heating water but only one provides the best combination of performance and efficiency: A HydroMax™ Indirect-Fired Water Heater. Using the home's existing boiler energy minimizes fuel use and maximizes hot water output. See how HydroMax™ surpasses other water heater technologies in comfort and fuel savings.



Ener-G-NET™ Digital Control



Instantaneous Indirect Technology™ combines the convenience of stored hot water with the efficiency of a tankless on-demand water heater – the best of both worlds!

- Heats water only when you need it keeping HydroMax™ and your boiler off during idle periods.
- Digital accuracy offers a consistent hot water supply, gallon after gallon.
- Built-in safety and performance diagnostics monitor the system.
- One-touch user modes to suit your hot water needs:



Standard Mode
Provides maximum hot water output – up to 3X other water heaters.



Efficiency Mode
On-demand sensing saves energy and money.



Vacation Mode
Minimizes operation when you're away from home for extended periods.

Corrosion-Proof Poly Bottle
Unique polymer withstands the toughest water conditions for clean, fresh water.

Energy Efficient Insulation
Injection molded urethane, with no gaps or voids, keeps water hot.

High Strength Steel Jacket
Twice the strength of traditional construction featuring Tuf-Kote™ HG finish.

Removable Heat Exchanger
Optimal coil spacing heats water efficiently and resists scale build-up.

Inlet Turbulator™
Agitates incoming water to reduce sediment and improve performance.

Patented DuraBase™ Stand
Engineered for strength and won't rust, dent or corrode.

Limited Lifetime Warranty
Upgradable from standard 7 year warranty.

