



# INDIREX™

Stainless Steel Hot Water Makers®



Exceptionally Efficient.™



# INDIREX

Amtrol has a long tradition of innovative products including the invention of the industry's first indirect-fired water heater which uses the existing energy of a boiler system to provide fast, efficient, and reliable hot water. Introducing the new Amtrol IndireX stainless steel Hot Water Maker®; our most robust indirect-fired model to date. Featuring a 444 stainless steel water vessel, top-mount heat exchanger connection, and a high density polyurethane foam insulation jacket, this sleek new residential water heater carries the long established legacy of the Amtrol brand.

## Top-Mount Stainless Steel Heat Exchanger

- Easy to install with connections at the top of the tank.
- Eliminates unnecessary piping to minimize installation costs.
  - Top mount design maximizes heat exchanger efficiency.

## 444 Passivated Stainless Steel Pressure Vessel

- Protects tank shell and welds in water conditions with high chlorides.
- Anode-free design eliminates the need for costly repairs.

## Polyurethane Foam Insulation

- High density, CFC free and fire-retardant polyurethane foam insulation minimizes heat loss.
- Two-part injection foam process is sprayed to fill all gaps between inner stainless steel shell and outer jacket keeping the heat in the tank reservoir.

## Adjustable Leveling Legs

- Ensures quick, easy, and safe installation on uneven surfaces.



## Appliance-Like Appearance

- Sleek and durable pre-painted steel outer jacket withstands damp and harsh environments.
- Black matte finish creates a modern appliance-like appearance.



## Digital Aquastat

- Easy to read LCD display.
- Intuitive Push to Set Dial.
- Energy saving smart technology to minimize heat calls and maximize response time.

## Rugged Composite Base

- Corrosion-proof and durable to withstand damp environments.

## 10-Year Limited Warranty

- Warranty ensures confidence in the product.
- All necessary information included in the carton for easy warranty registration.

# Exceptionally Efficient™



## IDX Models

MODEL NUMBER	CAPACITY (gallons)	HEIGHT (inches)	DIAMETER (inches)	SHIPPING WEIGHT (lbs.)	COLD WATER INLET	HOT WATER OUTLET	BOILER SUPPLY	BOILER RETURN
IDX-40SS	40	38.9	23	94	3/4" NPTF	3/4" NPTF	1" NPTM	1" NPTM
IDX-50SS	50	46.8	23	123	3/4" NPTF	3/4" NPTF	1" NPTM	1" NPTM
IDX-80SS	80	64.3	23	143	1" NPTF	1" NPTF	1" NPTM	1" NPTM

## Performance

IDX-40SS			IDX-50SS			IDX-80SS		
BOILER OUTPUT	FIRST-HOUR RATING (90°F rise)	CONTINUOUS FLOW (70°F rise)	BOILER OUTPUT	FIRST-HOUR RATING (90°F rise)	CONTINUOUS FLOW (70°F rise)	BOILER OUTPUT	FIRST-HOUR RATING (90°F rise)	CONTINUOUS FLOW (70°F rise)
BTU/HR	GAL	GPH	BTU/HR	GAL	GPH	BTU/HR	GAL	GPH
60,000	126	98	80,000	165	131	120,000	252	197
80,000	154	131	100,000	193	164	140,000	280	229
100,000	182	164	120,000	221	197	160,000	308	262
120,000	210	197	140,000	249	229	180,000	336	295

There are many choices for heating water but only one provides the best combination of performance and efficiency: an Indirect-Fired Water Heater. According to the U.S. Department of Energy *"Indirect water heaters are a more efficient choice for most homes, even though they require a storage tank. An indirect water heater, if used with a high-efficiency boiler and well-insulated tank, can be the least expensive means of providing hot water, particularly if the heat source boiler is set to "cold start".*<sup>1</sup>

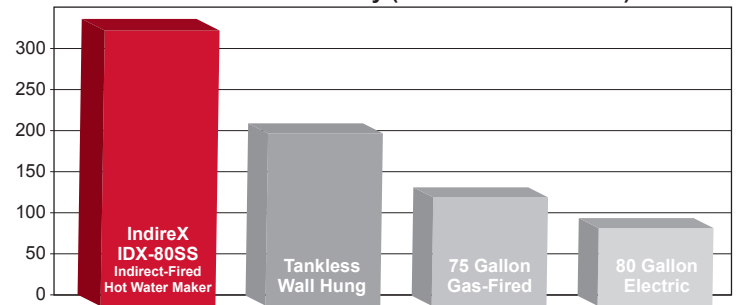


## Amtrol IndireX Hot Water Maker®

- Best hot water output.
- Highest overall efficiency.
- Insulated storage for peak demands.
- Installs almost anywhere. No flame, flue or fuel lines.
- 444 Passivated Stainless Steel protects the tank against corrosion in areas that have high chlorides.
- Reduces unwanted cycling and provides endless hot water.

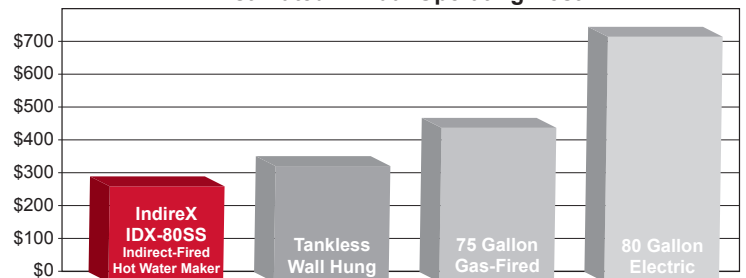
## Residential Water Heater Comparison

### Hot Water Availability (Gallons in First Hour)



Data based on published manufacturer ratings for high-output models. Heat Input: Indirect 180,000 BTUH; Tankless 199,000 BTUH; Gas 70,000 BTUH; Electric 5500W

### Estimated Annual Operating Cost

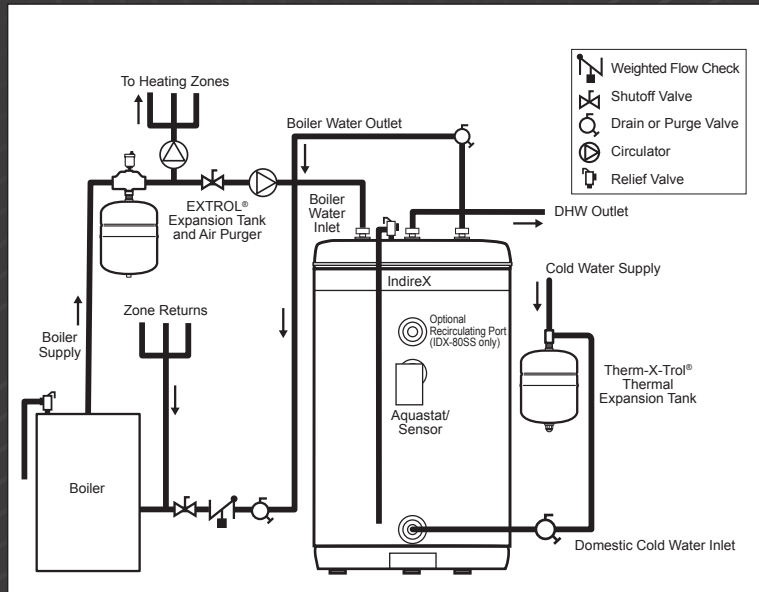


Costs based on US Department of Energy (DOE) guidelines for a four person household. Energy Factor (EF/CAE): Boiler/Indirect .85, Tankless .82, Gas .59, Electric .92

<sup>1</sup>"Tankless Coil and Indirect Water Heaters." Energy.Gov, www.energy.gov/energysaver/tankless-coil-and-indirect-water-heaters. Accessed 8 Jan. 2024.

## Typical Installations

Piping using dedicated circular pump (recommended).



Piping using zone valve with existing heating system circulator.

