



BOILERMATE®

Hot Water Makers®



Efficiency at its Best™



BOILERMATE®

Amtrol has a long tradition of innovative products for the Plumbing & Heating market; including BoilerMate, the industry's first indirect-fired water heater.

Nearly four decades later, our residential lineup includes new models and options to fit any budget. All BoilerMate water heaters are made in the USA and continue to represent a great value in comfort, efficiency and long-term reliability.



*T & P
Safety Valve*

*Clean Water
Poly Bottle*

*Energy Saving
Insulation*

*Deep Drawn
Outer Shell*

*Efficient Heat
Exchanger*

*Strong Steel
Base*

Bimodal HDPE Poly Bottle

- High Density Polyethylene (HDPE) bottle for clean, fresh water.
- Corrosion-proof material is impervious to chlorides, scale and aggressive water; no anode rod required.
- Advanced high-temp polymer rated to 180°F.

Energy Efficient Insulation

- Unique molded insulation eliminates gaps to minimize heat loss.
- Form fitted to bottle and outer shell for enhanced efficiency.

Deep Drawn Pressure Shell

- Deep drawn dome offers twice the strength of traditional construction.
- Precision welded with rugged steel base.
- High gloss finish available in Blue, Red or Gray.

Top or Bottom-Mount Heat Exchanger

- Finned design for effective heat transfer.
- Removable for cleaning and service.
- Affordable Double Wall option for regional code compliance.

Choice of Mechanical or Digital Temperature Control

- Mechanical aquastat provides reliable simplicity.
- Digital temperature control offers electronic accuracy and eliminates external relays.

Flexible Warranty Protection Plan

- Six-Year Factory warranty with Limited Lifetime option.
- Homeowner-purchased upgrade administered directly by Amtrol.
- Optional warranty upgrade registration included in carton.

Made in the USA

- ISO 9001:2008 registered.



Model Specifications & Options

CH Models - Top Connection

MODEL NUMBER	CAPACITY (gallons)	HEIGHT (inches)	DIAMETER (inches)	SHIPPING WEIGHT (lbs.)	COLD WATER INLET (NPTF)	HOT WATER OUTLET (NPTF)	BOILER SUPPLY	BOILER RETURN
CH-41Z	41	48	22	124	3/4"	3/4"	3/4" NPTF	3/4" NPTF
CH-41ZDW	41	48	22	134	3/4"	3/4"	3/4" Union Sweat	3/4" Union Sweat
CH-80Z	80	49	26	180	3/4"	3/4"	3/4" NPTF	3/4" NPTF
CH-80ZDW	80	49	26	190	3/4"	3/4"	3/4" Union Sweat	3/4" Union Sweat



WH Models - Bottom Connection

MODEL NUMBER	CAPACITY (gallons)	HEIGHT (inches)	DIAMETER (inches)	SHIPPING WEIGHT (lbs.)	COLD WATER INLET (NPTM)	HOT WATER OUTLET (NPTF)	BOILER SUPPLY	BOILER RETURN
WH-41Z	41	48	22	134	3/4"	3/4"	3/4" NPTM	3/4" NPTM
WH-41ZDW	41	48	22	144	3/4"	3/4"	3/4" Union Sweat	3/4" Union Sweat
WH-41L	41	48	22	134	3/4"	3/4"	3/4" NPTM	3/4" NPTM
WH-41LDW	41	48	22	144	3/4"	3/4"	3/4" Union Sweat	3/4" Union Sweat



Performance

WH-41 & CH-41

BOILER OUTPUT	FIRST-HOUR RATING (90°F rise)	CONTINUOUS FLOW (70°F rise)
BTU/HR	GAL	GPH
40,000	89	69
60,000	116	104
80,000	143	139
100,000	170	173

CH-80

BOILER OUTPUT	FIRST-HOUR RATING (90°F rise)	CONTINUOUS FLOW (70°F rise)
BTU/HR	GAL	GPH
40,000	120	69
60,000	147	104
80,000	174	139
100,000	201	173

Option Codes

- Z** = Mechanical control with dial aquastat.
- L** = Digital temperature control, 24 and 120 VAC compatible.
- DW** = Double Wall coil vented to atmosphere.

Finishes

-  **Blue** (Standard)
-  **Red**
-  **Gray**





Amtrol Advantage™

Whenever you choose Amtrol, you're getting more than just a great product. The Amtrol Advantage™ combines the Industry's best brands with world class customer service and valuable installer initiatives.

- Amtrol Rewards™ installer points program
- Tanks on Tour™ field training vehicle
- Amtrol Racing team



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