



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 continue to represent a great value in comfort, energy efficiency and long-term reliability.



Bimodal HDPE Poly Bottle

- High Density Polyethylene (HDPE) bottle for clean, fresh water.
- Corrosion-proof material resists chlorides, scale and aggressive water with 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 domes offer twice the strength of traditional construction.
- Precision welded with rugged steel base.
- High gloss finish available in Blue, Red or Gray.

Top-Mount Heat Exchanger

- Easy-to-install with all connections at the top of the tank.
- Heat exchanger is removable for cleaning and service.
- Affordable Double Wall option for regional code compliance.

Flexible Warranty Protection Plan

- Six-Year Factory warranty.
- Limited Lifetime option is a homeowner-purchased upgrade administered directly by Amtrol. Upgrade registration information included in carton.

Model Specifications & Options



CH-41Z



CH-41ZCT

CH Models

MODEL NUMBER	CAPACITY (gallons)	HEIGHT (inches)	DIAMETER (inches)	SHIPPING WEIGHT (lbs.)	COLD WATER INLET	HOT WATER OUTLET	BOILER SUPPLY	BOILER RETURN
CH-41Z	41	48	22	124	3/4" NPTF	3/4" NPTF	3/4" NPTF	3/4" NPTF
CH-41ZDW	41	48	22	134	3/4" NPTF	3/4" NPTF	3/4" Union Sweat	3/4" Union Sweat
CH-41ZCT	41	51	22	127	3/4" NPTF	3/4" Sweat	3/4" NPTF	3/4" NPTF
CH-80Z	80	49	26	180	3/4" NPTF	3/4" NPTF	3/4" NPTF	3/4" NPTF
CH-80ZDW	80	49	26	190	3/4" NPTF	3/4" NPTF	3/4" Union Sweat	3/4" Union Sweat

Performance

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

40,000	120	69
60,000	147	104
80,000	174	139
100,000	201	173

Option Codes

Z = Mechanical control with dial aquastat.

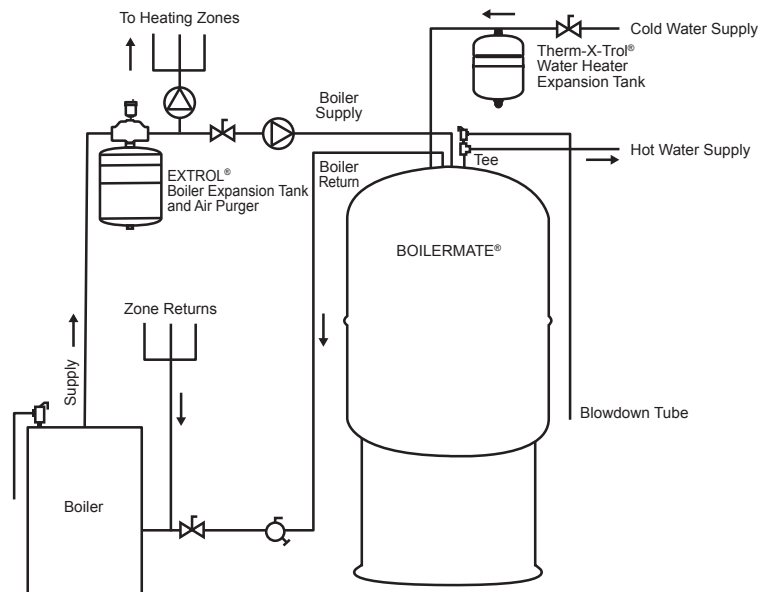
DW = Double Wall coil vented to atmosphere.

CT = Constant temperature w/ASSE1017 mixing valve & antilegionella set point.

Finishes

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

Typical Installation





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
 - Sizing and application tools

