



# BOILERMATE<sup>®</sup>

Hot Water Makers<sup>®</sup>



Efficiency at its Best<sup>™</sup>



# BOILERMATE®

Amtrol has a long tradition of innovative products for the Plumbing & Heating market including BoilerMate, the industry's first indirect-fired water heater. More than four decades later, our residential lineup includes options to fit any budget. All BoilerMate water heaters continue to represent a great value in comfort, energy efficiency and long-term reliability.



### **NEW Bimodal HDPE Poly Bottle**

- Re-engineered High Density Polyethylene (HDPE) bottle technology for reliable and 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.

### **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 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-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

## 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






CH-41ZCT

## Option Codes

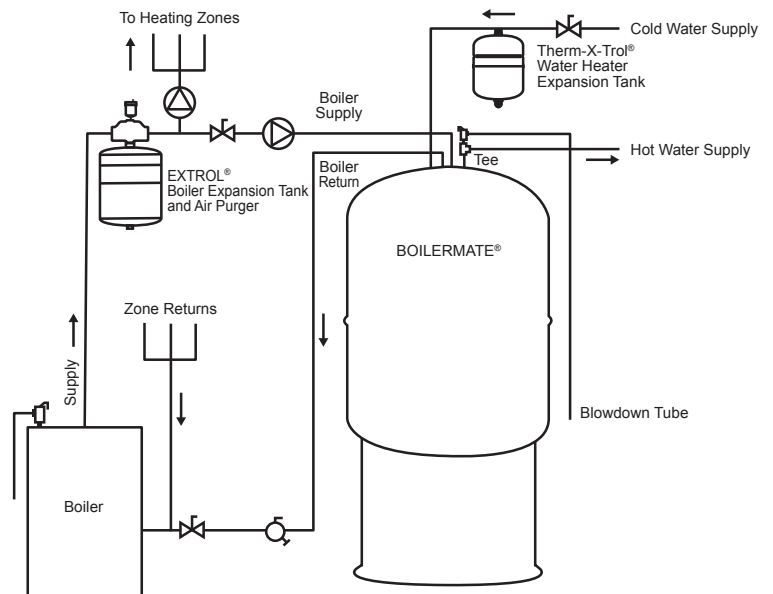
- Z** = Mechanical control with dial aquastat.
- CT** = Constant temperature w/ASSE1017 mixing valve & antilegionella set point.

## Finishes

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



## Typical Installation





# 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
- Sizing and application tools



# AMTROL® Advantage



1400 Division Road, West Warwick, RI 02893 USA  
T: 800.426.8765 www.amtrol.com

