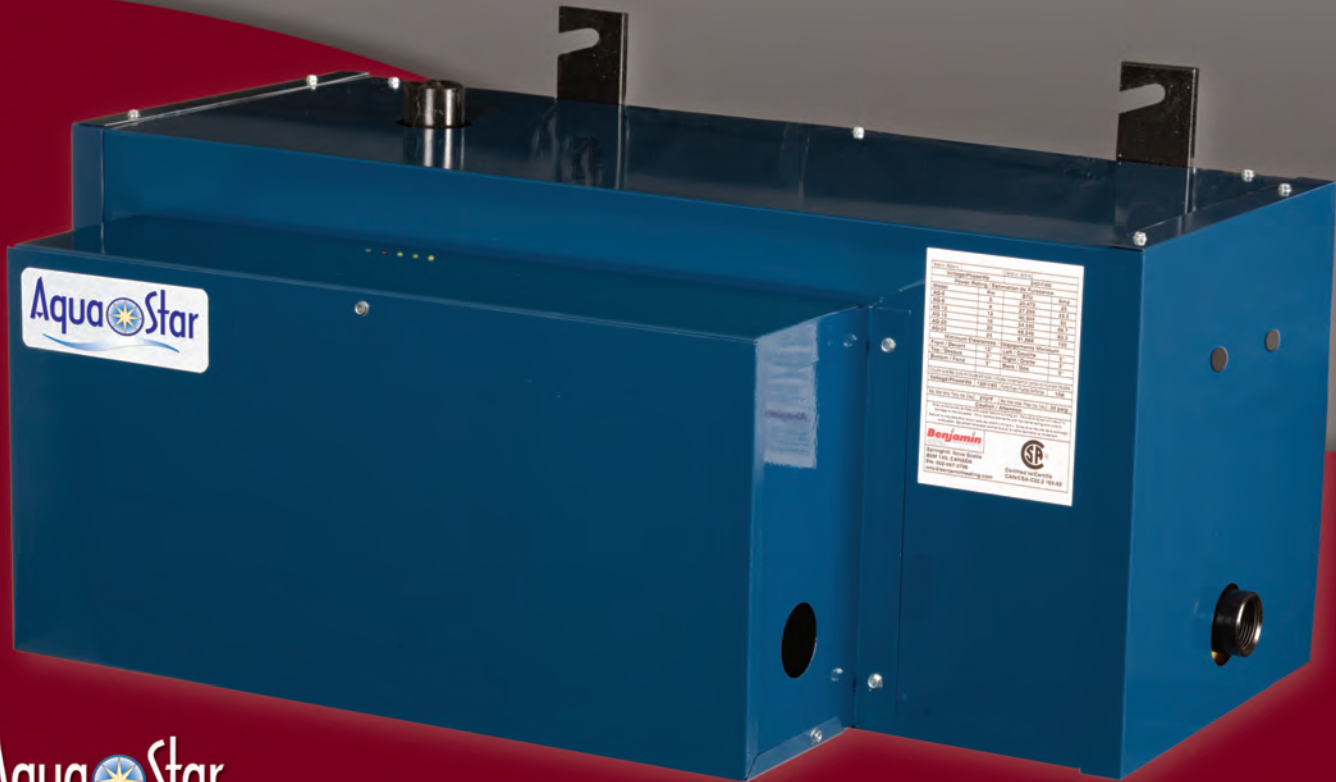




AQ SERIES Electric Boilers



An electric boiler so innovative in design it can "Stand Alone" to heat your home or be used in seamless "Combination" with another heat source.

- 100% energy efficient
- Variable setpoint input (110°-200° F)
- Separate, fixed 180° setpoint input for "indirect" requirements
- Plate steel vessel for long life
- One-piece, pre-wired, for ease of shipping and installation
- Available from 6KW to 24KW
- Outdoor temperature sensor, tridicator and pressure relief valve supplied

10 YEAR LIMITED WARRANTY ON PRESSURE VESSEL

*Over 35 years experience designing and manufacturing heating products—
assuring quality and heating efficiency.*



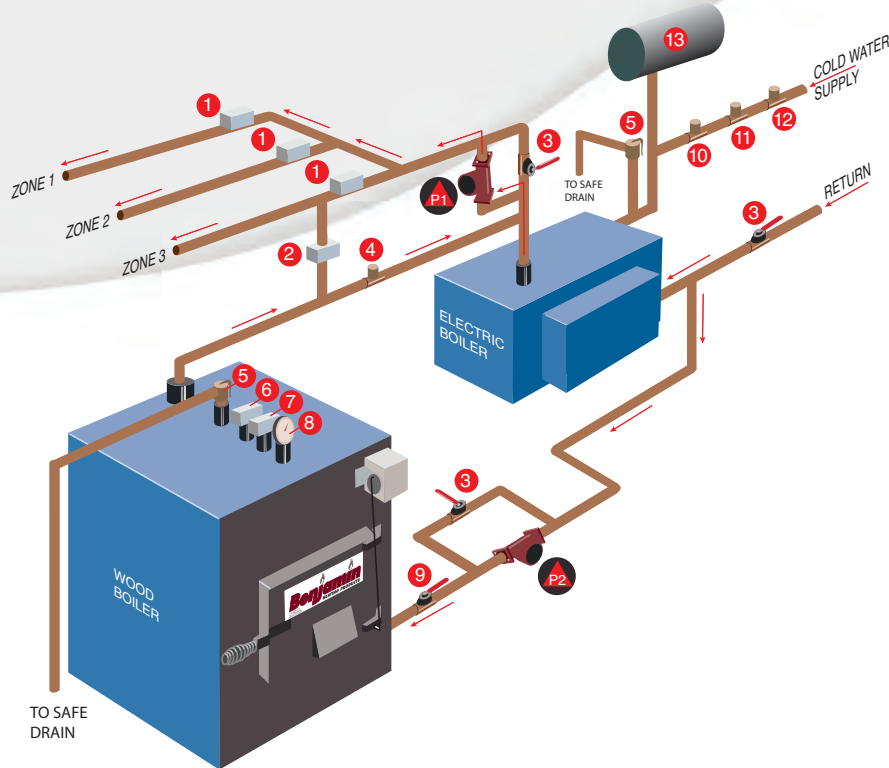
Software-based "Smart" Board II

- By constantly monitoring both time and temperature to utilize one of three different heating modes, only the minimum number of elements required to raise water temperature are employed, thus ensuring maximum efficiency and economy
- Modulates elements for even wear
- Outdoor temperature reset (when installed)





Designed to work *seamlessly* with other hydronic heat sources



- **Electric/Wood**
(as shown)
- **Electric/Oil**
- **Electric/Solar**
- **Electric/Natural Gas**

As shown:

- No flow switch required
- Convection circulation is possible from wood boiler in the event of power loss
- Surge protection built into Smart Board II
- Outdoor temperature sensing affected in TT only

LEGEND

1. Normally closed zone valve
2. Normally open zone valve
3. Gate valve
4. Gravity flow check
5. Pressure relief valve (pipe to safe drain)
6. Single aquastat
7. Triple aquastat
8. Gauge (Tridicator)
9. Throttle (globe) valve
10. Pressure reducing valve
11. Back flow preventer
12. Stop valve
13. Air cushion tank
- P1. Primary circulator pump
- P2. Mixing circulator pump

Schematic is for illustration purposes only.

STANDARD 240V RATINGS

Model	Boiler Size Nominal (KW)	Heat Output (BTU/hr)	Total Amperage	Number of Elements	Element Size (Watts)
AQ-6	6	20,472	25.0	4	1500
AQ-8	8	27,296	34.0	4	2000
AQ-12	12	40,944	50.0	4	3000
AQ-15	15	51,180	63.3	4	3800
AQ-20	20	68,240	83.3	4	5000
AQ-24	24	81,888	100.0	4	6000

Shipping Weight 117 lbs • Unit Dimensions 12"H x 29"W x 18"D • Capacity 9 US gallons

For information contact:

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