



Ace Heaters

B Series

Atmospheric Gas Fired Water Heater / Boiler

Features

- Proven, energy efficient design
- Indoor and outdoor construction
- ETL Listed for natural gas or propane
- Conical copper fin coil
- Simple maintenance
- Completely de-limeable heat exchanger
- Small footprint



- ✓ *Indoor & Outdoor Systems*
- ✓ *Packaged Systems*
- ✓ *Low Temp Water Boilers*
- ✓ *Hydronic Heating Boilers*

ACE Series water heaters are dependable and quiet, providing commercial, institutional, and industrial buildings with potable hot water. The even flow conical copper fin coil is designed to be energy efficient throughout the life of the unit. Units feature indoor or outdoor construction to E.T.L. standards for natural gas or propane, simple maintenance, and a completely de-limeable heat exchanger.

B Series



Standard Equipment

Water Heaters

- Single flow conical heat exchanger includes cast bronze manifolds
- Heat exchanger coiled from high profile finned copper tubing
- Non-ferrous construction with no gasketed joints
- ASME Section IV, stamped for 160 psig maximum allowable working pressure (MAWP)
- Stainless steel combustion chamber
- Spun aluminum top cap and 1" ceramic fiberglass insulation inside aluminized steel casing with 2" thick outer insulation; additional 22 gauge mirror finish, stainless steel jacket for outdoor models
- Water heater legs and bolt down lugs

Controls & Trim

- Control power 120V/60Hz single-phase electronic intermittent pilot module with electric ignition
- Combination dual-automatic valve/regulator/gas-cock with leakage test cock
- Operating control
- High-limit temperature control with manual reset
- Water flow switch
- Pressure relief valve set at 125 psig
- Temperature-pressure gauge
- On/off firing mode
- 24V control circuit transformer
- CSD-1 control system

Optional Equipment

Controls & Trim

- Pressure relief valve set at 30, 45, or 75 psig
- System "D" electronic primary safety control with interrupted pilot
- Bronze circulating pump
- Stack sensor/pump delay
- Delimiting kit

Valve Packages

- Low temperature systems, with following components:
 - For inlet water temperature below 140°F.
 - Components:
 - Isolation ball valve
 - Check valve
 - Delimiting flanges
 - Brass header
 - Blend globe valve
 - Circulator
 - Temperature gauges
 - Copper piping
- Hydronic systems:
 - For use in hydronic applications with low temperature rises.
 - Components:
 - Isolation ball valve
 - Check valve
 - Brass header
 - Blend globe valve
 - Temperature gauges
 - Pump option

Tank/Heater Packages

- Available with ACE Series storage tanks pre-piped to one or more heaters, floor- or skid-mounted, insulated and jacketed.

