

Ace Series™

Gas-Fired Copper Fin Water Heaters & Boilers



Indoor & Outdoor Systems
Packaged Systems
Low Temp Water Boilers
Hydronic Heating Boilers
Low NOx Premix Water Heaters



ACE SERIES

ACE Series water heaters perform dependably and quietly, 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 delimeable heat exchanger.

For additional information, please contact your authorized Ace Series representative or visit the Ajax Boiler website at www.ajaxboiler.com.



AJAX Series • ACE Series • ATLAS Series

Standard Equipment

Boiler

- 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.
- Boiler 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.
- FM (Factory Mutual).
- IRI (Industrial Risk Insurers).
- 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.

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