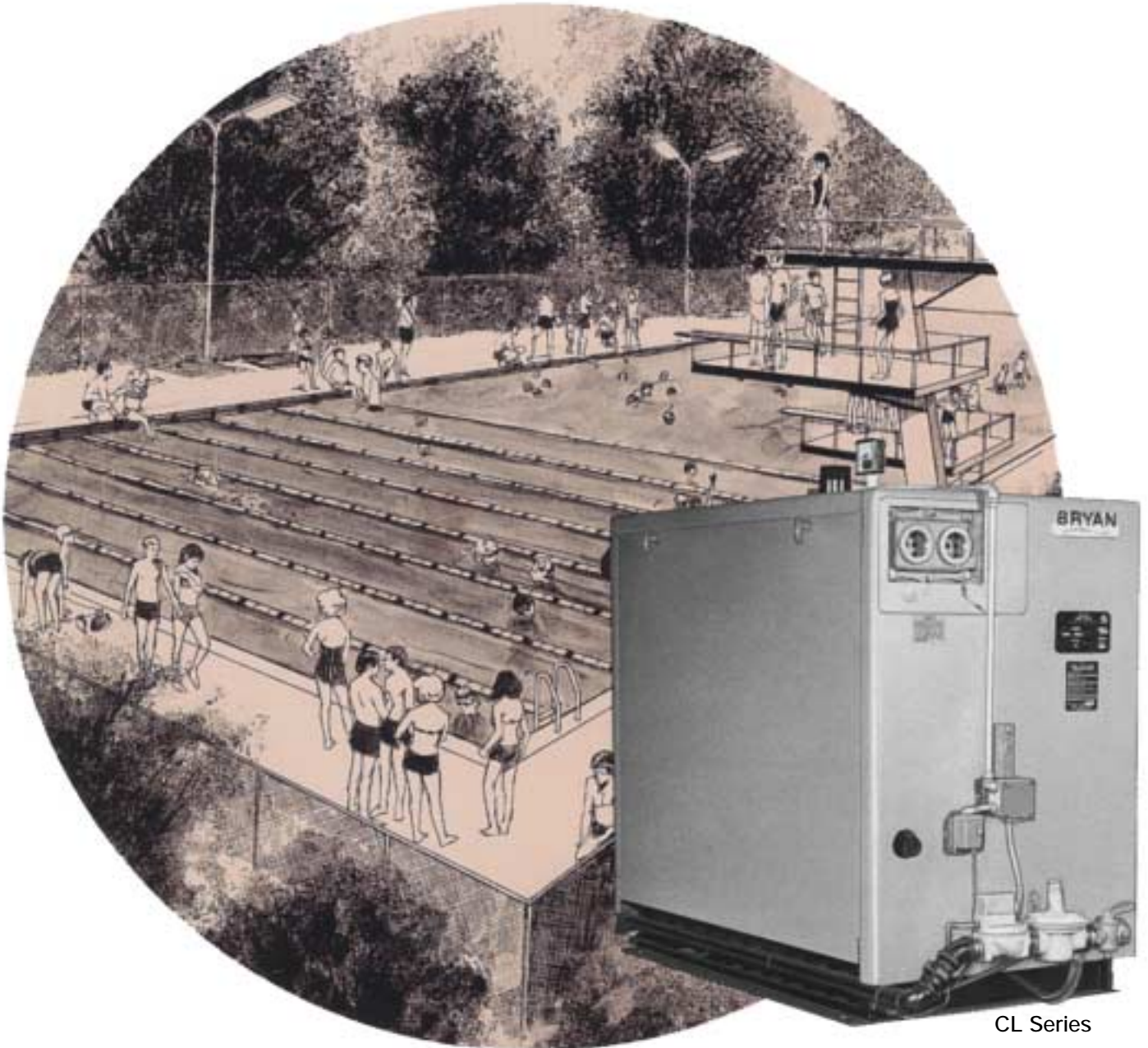


Gas, Oil or Dual Fuel Fired Indirect Pool Heaters

150,000 to 4,850,000 BTU Input



CL Series



Bryan "indirect" heating principal eliminates pool maintenance problems

Bryan indirect Commercial Pool Heaters assure additional years of maintenance-free operation...even in areas where hard water creates real problems. This superior performance is made possible by an exclusive Bryan Indirect Heat Exchanger that confines primary water to a small circulating system embracing only the water tubes and the vessel proper. The water in this system never leaves the heater. Any natural minerals or scale it may contain are deposited early in the life of the heater—never enough to impair top efficiency of the heater. Following this initial deposit, it's like the heater was circulated through the heat exchanger tubes where it is warmed indirectly by water maintained at constant temperature by the heater. Deposits seldom

occur in this low temperature method of Bryan heating.

Same unit heats pool, domestic water and building — If you desire a domestic hot water supply, a second heat exchanger will be built into your Bryan Heater where thermostatic controls accurately govern the temperature of the water you draw. For space heating, water is circulated directly from the heater through your building's heating system.

Your pool temperature is always "just right" — The temperature you desire for your pool water is accurately regulated by a thermostatic control at the heater. It permits circulation at the temperature called for, regardless of external weather conditions.

Bryan commercial pool heater features

Scale-free — The Bryan "indirect" Heat Exchanger eliminates costly periodic de-scaling. No buildup of scale means no buildup of fuel costs.

Condensation-free — Bryan "indirect" Heaters operate at desirable water temperatures, completely independent of pool water temperatures or circulation rates thus eliminating damaging condensation.

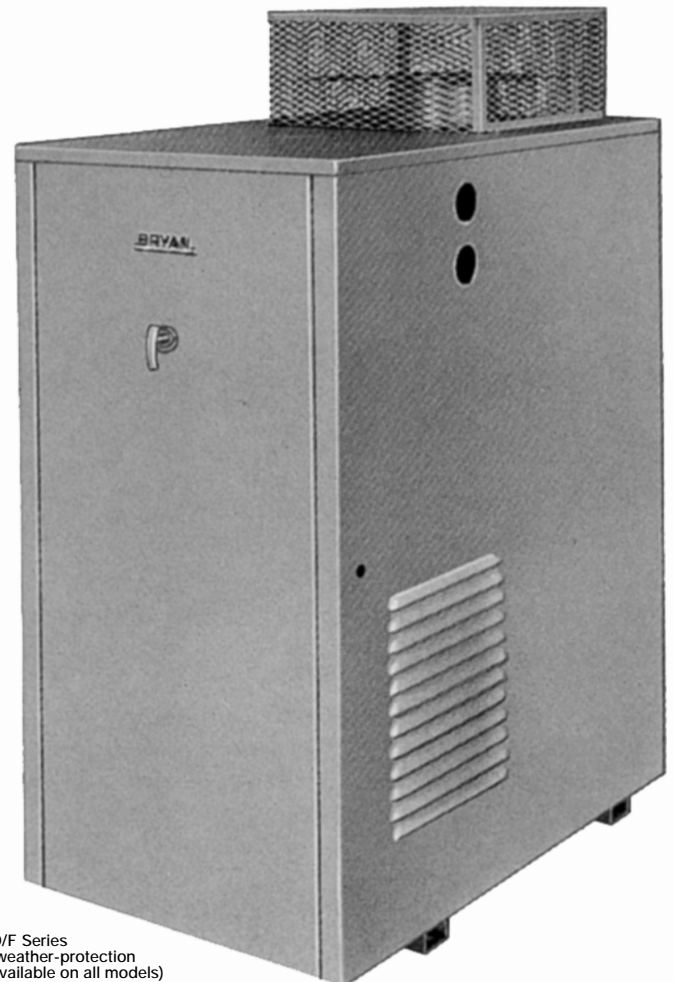
Corrosion-free — Pool water touches only the all-copper Heat Exchanger, and at low temperatures, thus eliminating rust and corrosion.

Open circulation — No thermostatic tempering valves or restricting bypass valves to lower filtration rate.

Economical — Time-proven for low maintenance, trouble-free, continuous service, high efficiency.

Fully approved — Bryan "indirect" Heaters are designed and built to the requirements of the ASME Code.

See applicable layout sheets for detailed dimensions.

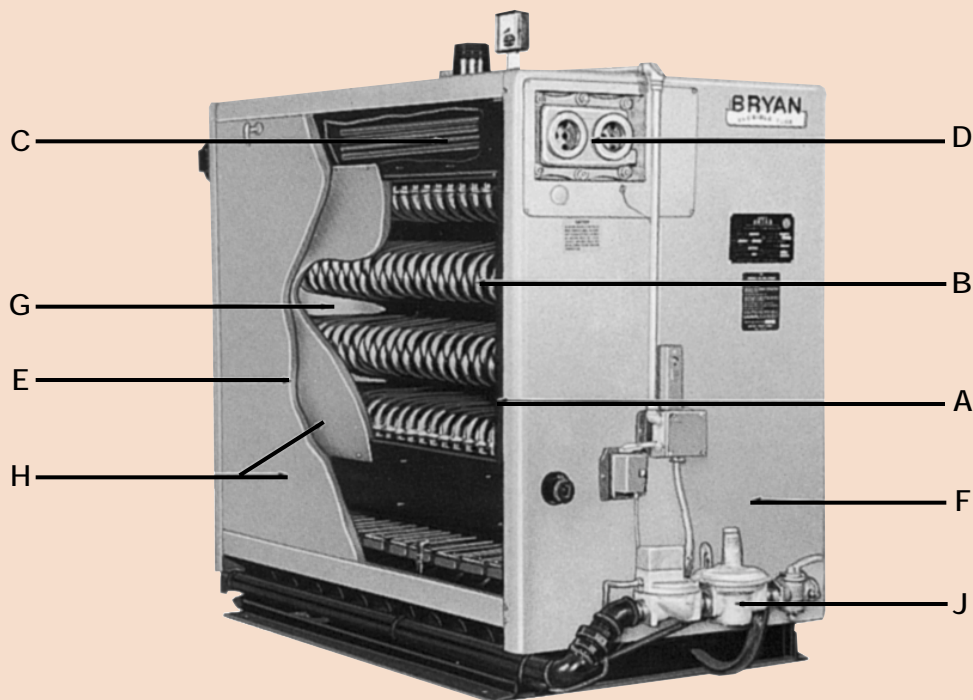


D/F Series
(weather-protection
available on all models)



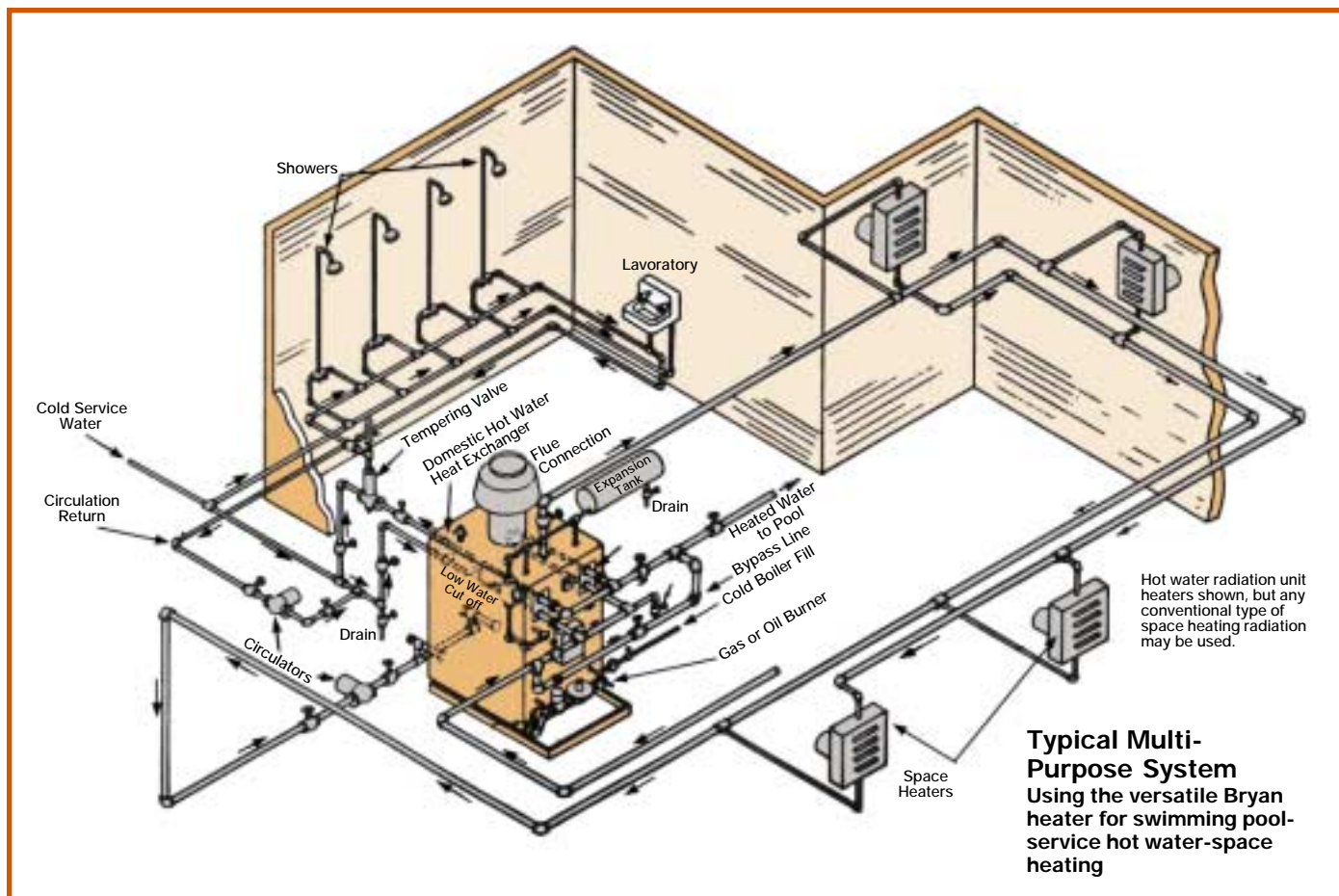
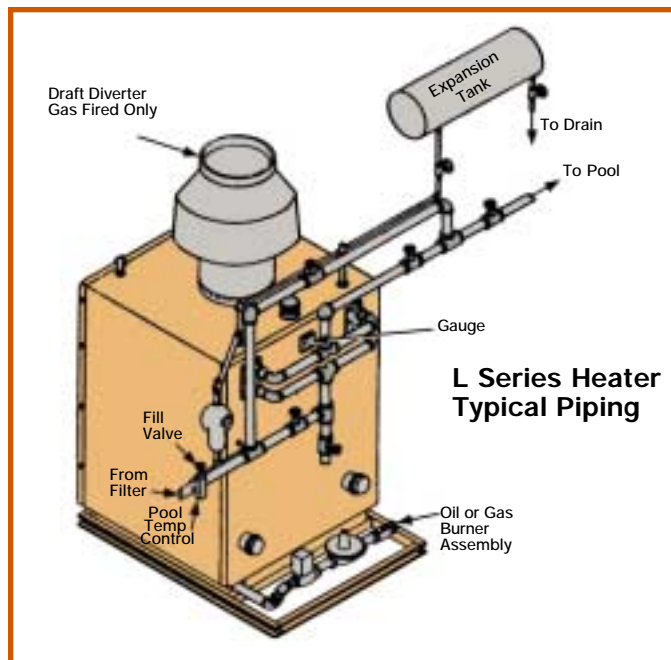
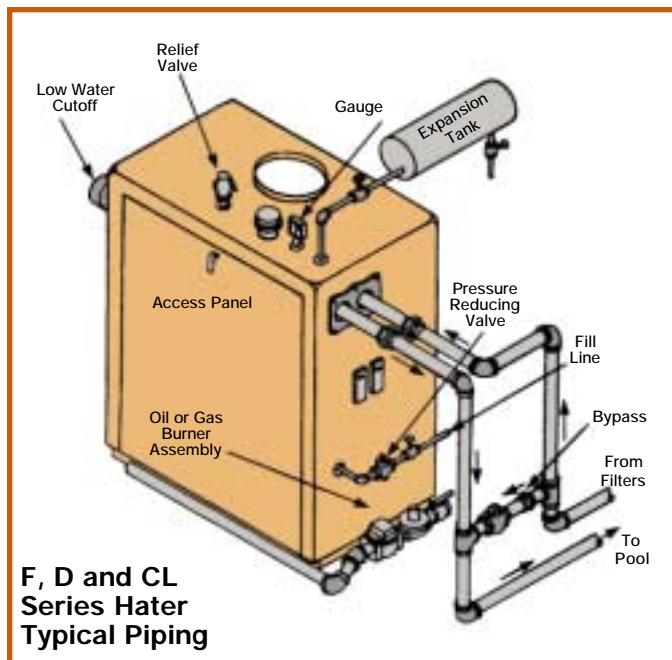
Bryan "Indirect" Heat Exchanger

Robust heat of the Bryan Commercial Pool heater is the all-copper Heat Exchanger, which transfers heat from the hot primary water to the pool water as it flows through the exchanger. Since the exchanger coils are not subjected directly to the intense heat of the fire, but only to the hot water within the heater, there is no scale or corrosion problem.



Bryan Indirect Pool Heater Construction

- A. Heavy steel plate vessel, built and stamped in accordance with ASME Code.
- B. Bryan Flexible Tubes, acting as primary heat exchanger between combustion heat and primary water.
- C. Heavy gauge copper indirect heat exchanger tubes to transfer heat from primary water to pool water. Easily removable and replaceable.
- D. Heavy heat exchanger heads, bolted to vessel frame, allowing for easy removal for cleaning or replacement.
- E. Thick fiberglass insulation, an integral part of the heater jacket.
- F. Heavy gauge, rust resistant, zinc coated, alloy steel jacket.
- G. Heater frame ends insulated with high temperature insulation.
- H. Panels easily removable for access to interior of heater.
- J. Gas or Oil Burner assembled with all controls.



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