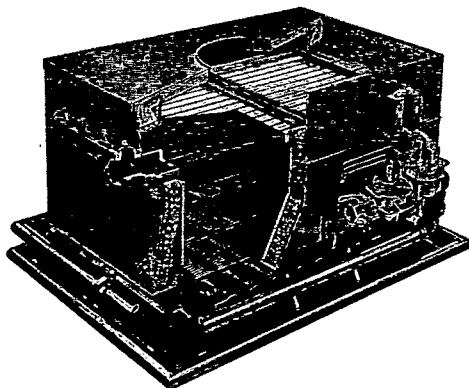




WORLD'S FINEST GAS-FIRED EQUIPMENT

Laars LCR: Heavy-duty copper-tube heating boiler



The Laars LCR offers performance without compromise—the first boiler designed specifically and totally for gas-fired generation of hot water. The result is a smaller, more rugged unit with weight savings up to 50%. Proved in continuous, heavy duty applications for over ten years.

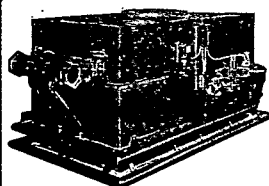
FINNED COPPER TUBES The most efficient heat exchanger available, with 9.7 times the heat transfer surface of plain tubes. Single row design prevents sludge buildup.

COMPACT FIREBOX Efficient design, using thinwall lifetime ceramic refractory, reduces firebox size and results in clean, complete combustion (flue products guaranteed less than .04% carbon monoxide). Eliminates warm-up allowance or need to store large amounts of water in the boiler.

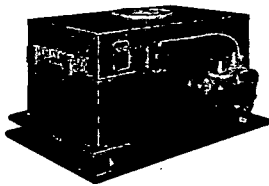
HEAVY DUTY CONSTRUCTION All-galvanized steel jacket with porcelain-enameled cast iron headers, corrosion-resistant fittings, baked enamel finish. Components "float" inside housing without creating internal stresses.

40 SIZES AVAILABLE From 154,000 to 7,000,000 BTU input with standard on-off controls or Dual Flo-Monitor control system. Complete range of ignition safeguard systems available.

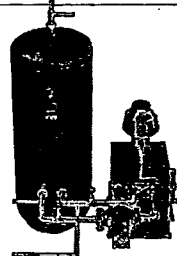
Look to Laars for lifetime durability in water heating equipment



AFJ MARK II SWIMMING POOL HEATERS Sizes to 7,000,000 BTU for all commercial and quality residential installations. Lifetime warranty on firebox, burners and other key parts. Proven scale-free and corrosion-free under severe water conditions.



LAARS LC VOLUME WATER HEATERS Sizes to 7,000,000 BTU with recovery rates from 126 gal. to 6048 gal. per hour (100° rise). Rugged, lifetime construction with scale-free water flow. Designed for use with storage tank and circulating pump.



STRATA-TEMP SUPPLY SYSTEMS Volume hot water for hotels, restaurants, etc. LC heater plus exclusive Strata-Temp storage tank delivers 80% of stored water at design temperature. Single and two-temperature systems available for every need. Compact design with simplified installation.



Laars products conform to ASME Boiler Code for 125 psi working pressure, and are AGA-approved as gas-fired boilers.



LAARS ENGINEERS, INC. / 13246 SATICOY STREET, NORTH HOLLYWOOD, CALIFORNIA (213) 875-0201

Offices: Dallas, Detroit, Miami, Phoenix, San Francisco / Warehouses: Atlanta, Dallas, Detroit, Miami

ALCO VALVE CO.

Box 398, Creve Coeur Br., St. Louis, Mo. 63141, U.S.A.



THERMOSTATIC EXPANSION VALVES . . . CONSTANT PRESSURE (AUTOMATIC) EXPANSION VALVES . . . REFRIGERANT DISTRIBUTORS . . . SOLENOID VALVES . . . SUCTION LINE REGULATORS . . . FLOODED EVAPORATOR CONTROLS . . . REVERSING VALVES . . . LIQUID AND SUCTION LINE STRAINERS . . . REFRIGERANT FILTER-DRIERS . . . HOT GAS BY-PASS CONTROLS.

SEE YOUR ALCO WHOLESALE

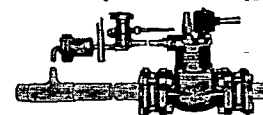
For capacities in excess of those listed, write us and give specific requirements

THE COMPLETE LINE OF REFRIGERANT CONTROLS

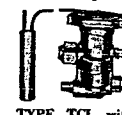
THERMO® EXPANSION VALVES—For automatic control of liquid refrigerant on all types of refrigeration and air conditioning systems. Capacities: Fractional tonnage to 200 tons. Refrigerants: R-12, R-22, R-500, R-502, etc. AVAILABLE WITH NEW ALL-PURPOSE "W" POWER ELEMENT CHARGE OR OTHER STANDARD CHARGES. Low temperature valves for applicants below -40°F. evaporator temp.



TYPE 402 with or without pressure limiting feature



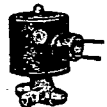
TYPE POS Valve—with integral solenoid stop valve—maintains positive control over wide ranges in load.



TYPE TCL with either angle or straight-thru connections



TYPE TER, TH, THR with either angle or straight - thru connections



TYPE S1



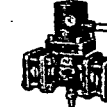
TYPE S2

SOLENOID VALVES

FOR ALL TYPES OF SERVICE. Liquid, up to 75 tons Refrigerant 12, 110 tons Refrigerant 22. Suction, up to 10 tons Refrigerant 12, 15 tons Refrigerant 22. For discharge gas, brine, water, steam, air or oil service. Operate with pressure differentials to 300 psi.



TYPE M3



TYPE R2-R6

AMMONIA CONTROLS



TYPE M91F



TYPE TC



TYPE TX



TYPE E with strainer

VENTURI-FLOW DISTRIBUTORS

Wide application range. One piece construction; replace distributors requiring as many as 6 or 7 nozzles.

FLOAT SWITCHES

TYPE J56 ELECTRIC FLOAT SWITCH. For Refrigerant 12, 22, Ammonia and other non-corrosive liquids having a specific gravity of 0.6 or more and a maximum viscosity of 5,000 Saybolt Universal Seconds up to 230 Volts, A.C. or D.C.

SEN ELECTRO-LEVEL . . . ELECTRONIC REMOTE CONTROL OF LIQUID LEVEL. Accurate control for full-flooded evaporators. Adjustable to a wide range of level changes. Easy-to-set control dials conveniently mounted in remote box.

FILTER-DRIERS

ADK DRI-KLEANERS—15 sizes, sealed or replaceable block type. Features exclusive block form desiccant (97% pure), shock-proof construction, copper (O.D.S.) or brass (S.A.E.) fittings simplify installation.

Solenoid Liquid Valves—up to 172 tons. Solenoid Suction Valves—up to 28 tons. Thermo® Expansion Valves—from fractional tonnage to 125 tons. Automatic Expansion Valves—from fractional tonnage to 60 tons. Evaporator Pressure Regulators—up to 675 tons.

SUCTION LINE CONTROLS

TYPE 771-772 SUCTION PRESSURE (HOLD BACK) REGULATORS.

Prevent motor overload. Refrigerants 12 and 22, 500 and 502.

TYPE EPR EVAPORATOR PRESSURE REGULATORS.

For all refrigerants, 1/2" to 6" port size, ODF, FPT or welding socket flanged connections.

"EVAPOTROL" EVAPORATOR PRESSURE REGULATORS:

Type 760: 1/2 Ton R-12 or R-500

Type 435: 1 Ton R-12 or R-500