

INTRODUCING



THE COOL WAY TO HOT SAVINGS!

LIMITED 5-YEAR HEAT EXCHANGER WARRANTY



Most people use about 22 to 30% of their energy consumption for hot water heating. You can save much of this by using a **LECTRA SAVER Heat Recovery Unit**. **LECTRA SAVER** converts energy wasted by a central air conditioner or a heat pump.

- Air conditioners and heat pumps remove heat from the house and compressor and reject it through the outdoor unit or to the water well. **LECTRA SAVER** channels the R-22 refrigerant through a double wall heat exchanger.
- A pump in the **LECTRA SAVER** moves the water from the hot water tank to the heat exchanger where it is heated by the wasted energy. This produces "free" hot water up to 140°.
- **LECTRA SAVER** produces six to eight gallons of hot water for each ton of air conditioning each hour of operation. A 3-ton air conditioner running just eight hours a day produces 144 to 192 gallons of hot water a day.
- This is more than enough for the average family. When the air conditioner is not used, the hot water heater automatically provides the hot water.

- Dollar savings should average about \$10. per person, per month of air conditioning with an electric hot water heater. A family of four could save \$240.00 per year with six months of air conditioning.

LECTRA SAVER can equal a tax-free investment of 22 to 50%.

Remember, you currently pay the power company every month. **LECTRA SAVER** pays for itself... and more!

Because of the cost of gas, savings will be less with a gas heater, but you will save.

AND THAT'S NOT ALL...

LECTRA SAVER can save 5 to 10% on air conditioning costs by increasing the efficiency of the air conditioner. With a heat pump, it can warm the water in the winter when the ambient temperature is above 48°. The water heater also benefits because its use is dramatically reduced.

Limited 5-Year Heat Exchanger Warranty

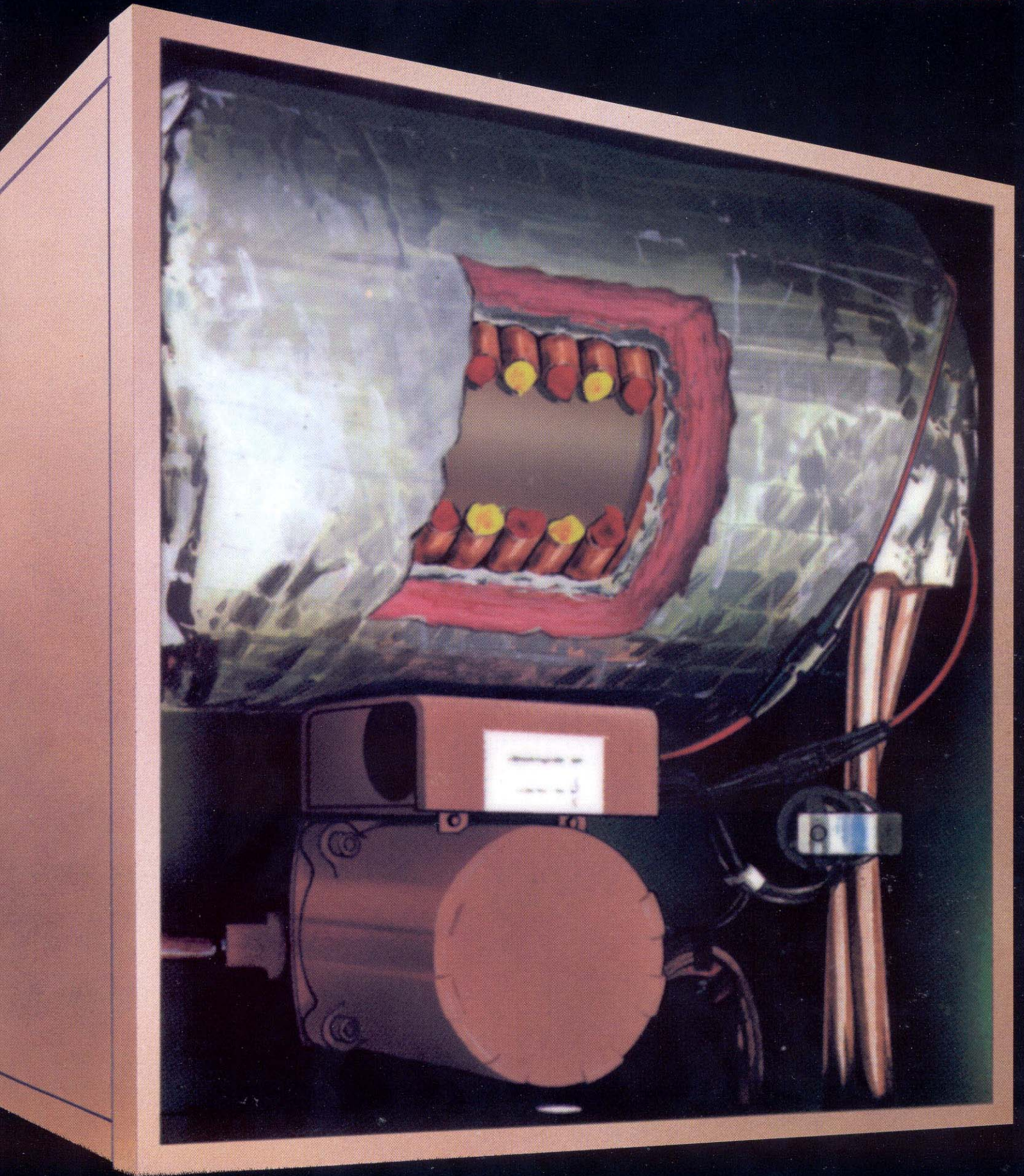
The **LECTRA SAVER** heat exchanger is manufactured exclusively by **AMERICAN EQUIPMENT SYSTEMS CORPORATION**. The all-copper construction and in-house quality control allows us to say:

"We will provide a new heat exchanger for up to five years if it clogs or leaks due to material or workmanship.

LECTRA SAVER Experience

AMERICAN EQUIPMENT SYSTEMS has over 15 years' experience in the manufacturing of residential and commercial heat recovery. Tens of thousands of homeowners have experienced the savings.

FREE HOT WATER!



UNIT SPECIFICATIONS

Performance

100% of superheat will be transferred to the water as tested by ARI Std. 470-480.

Pump

TACO 006BC3Y, direct drive water cooled and water lubricated, 3250 rpm, 1/40 hp, .38 amp, 230 V/60/1, UL listed. Maximum 12 gpm, maximum 10-foot head, patented dirt barrier and replaceable cartridge. Protected by dual fuses and UL Listed. Brass casing, stainless steel shaft.

Heat Exchangers

Meet HUD and UL specifications for double-wall insulation between portable water and toxic fluids or gases. Freon and water line 1/2" O.D. type L copper tubing. All copper, tube-on-tube design. Tubes are soldered together with an aluminum shield to reflect heat. Design results in maximum heat transfer and vibration-free operation.

Automatic Control

Each unit has a normally-closed 125° thermostat attached to the hot gas line. This control prevents refrigerant condensing and heat transferring during the heat pump heating cycle. A 140° thermostat on the water line input shuts off the pump when returning water reaches 140°

Cabinet

Cabinet is .04 aluminum with a baked enamel finish to prevent rusting and to provide years of attractive appearance.

Valve Models

Unit with a "V" model designation contain two shut-off valves with bleeder ports, one pressure-relief valve installed in the water lines, and fuses. The special valve arrangement allows the unit to be vented, drained, or chemically cleaned without removing the unit or cutting lines.

Freeze control

Units with an "F" model designation contain a thermostat on the water line that starts the pump when water temperature drops to about 42 and stops it at 50. This model must be wired to hot electrical leads.

Installation

Water lines from the heat recovery unit can be connected to a:

- Tee at the drain valve;
- Tee below the relief valve (consult local codes); or
- Co-axial connection (tube-in-tube connector) at the output connection of the tank. See installation instruction.

QUALITY FEATURES

- **LECTRA SAVER** features an all-copper, double walled and vented heat exchanger. There are no joints in the refrigerant piping to leak.
- **LECTRA SAVER** is certified by ETL Testing Laboratories of New York to transfer 100% of the super-heat to the water on a 5-ton unit. This is the highest rating possible and is important with high efficiency air conditioners.
- The painted aluminum cabinet will not rust and is designed to provide long life. Both pumps are water cooled and water lubricated to withstand high cabinet temperature and ensure start-up each spring.

Model	R-22 Tons Capacity	Pump	OD Tube Refrigerant	OD Tube Water	Application	Valve Set	H	W	D	Shipping Weight
L6000DW	1 1/2-5	TACO	1/2"	1/2"	Residential		12	12	6 1/2	12 lbs.
L6000DWV	1 1/2-5	TACO	1/2"	1/2"	Residential	X	12	12	6 1/2	14 lbs.

Valve Set includes 2 shut-off valves and relief valve. Specifications subject to change without notice.

L — Units have a Laing Pump.



LECTRA SAVER LISTED

By APPLIED RESEARCH
LABORATORIES
ARL LAB #23189R

LECTRA SAVER Available from: