



LIGHT COMMERCIAL HEAT RECOVERY UNIT

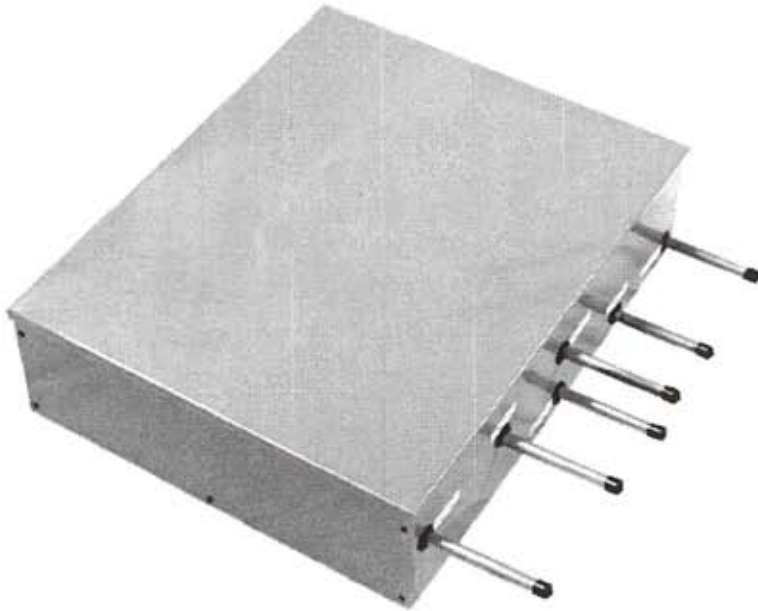
C Series

SPECIFICATION SHEET

HEAT RECOVERY UNIT FOR DOMESTIC HOT WATER FROM COMMERCIAL HVAC SYSTEMS UP TO 20 TONS

DESCRIPTION:

The Doucette Heat Recovery Unit captures waste heat discharged from the refrigerant cycle in an Air Conditioning or Heat Pump system, and transfers that heat into a water storage tank, thereby creating low cost hot water for domestic or service use. Not only does the Heat Recovery Unit substantially reduce the amount of energy required to provide domestic or service hot water, but it also improves the cooling efficiency of the Air Conditioner or Heat Pump while it is operating. The Light Commercial models are designed to operate with systems of 5 to 20 ton cooling capacity.



FEATURE HIGHLIGHTS

- 230 volt wiring for easy connection to compressor contactor
- Factory wired and preset controls
- Fully automatic operation
- High-Efficiency All-Copper Vented Double-Wall Heat Exchanger
- Water lubricated low wattage Circulator
- Grounded electrical circuit.
- Sturdy Aluminum Cabinet with baked enamel finish for outdoor or indoor use
- ARL listed Appliance, with UL approved components
- Freezestat option available
- Single & Dual Curcuit Models

APPLICATION:

The HRU will provide about 5 gallons of hot water per ton per hour of air conditioning or up to 40 gallons per hour from a 7-1/2 ton A/C. Virtually any application that has central air conditioning and a moderate to heavy use of hot water will realize significant savings.

TYPICAL SAVINGS ESTIMATES

	NATURAL GAS @ \$1.65/THERM	PROPANE @ \$3.90/GAL	ELECTRICITY @ \$.12/KWH
FULL SERVICE RESTAURANT 500 Meals/Day	\$377.00/mo.	\$960.00/mo.	\$565.00/mo
JR/SENIOR HIGH SCHOOL 1000 Students	\$405.00/mo.	\$1025.00/mo.	\$603.00/mo.
MOTELS/HOTELS 150 Rooms	\$456.00/mo	\$1153.00/mo	\$679.00/mo.

Actual savings may vary. Consult factory for detailed audit and sizing form.