



Performance and Component Data

- E-50** Use with commercial R-22 20 ton refrigerant circuit.
Or with R-134A 12 through 15 ton refrigerant circuit.
- Heat Exchanger Coil**
Tube in Tube Exchanger
Outside hot gas tube Steel Tested @ 450 PSI
Inside tube Double Walled vented copper. UL Listed for potable water.
Double wall with vent between walls isolates water from refrigerant. Tested 450 PSI
Two coils parallel in balanced manifold to ensure proper refrigerant flow.
- Water Circulation Pump**
Grundfos or Taco Stainless Steel - 1/25 H.P.
Single Phase - 208/230 volts 60 HZ .60 amps.
Water Lubricated Needs no oiling Overload Protected - UL Listed
- Pump on/off Control**
Head Pressure Control - Adjustable with 30 PSI differential
Set @ 200 PSI for R-22 & @ 130 PSI for R-134A
Manufactured by Alco.
- Pump Speed Control**
Variable speed control to regulate RPM of circulating pump in reference to head pressure. Manufactured by Alco.
- Tubing Connections Copper**
Refrigerant 1 5/8" OD Water 1 3/8" OD
- Dimensions** 15" X 24" X 32" Weight 140 Lbs.
- Performance Ratings** —70 F rise. i.e. 70° F to 140° F with constant circulation in tank

R-22 Air Cooled		R-134A Water Cooled	
17.5 ton	95,200 BTU/Hr	12 ton	45,800 BTU/Hr.
20 ton	108,800 BTU/Hr.	15 ton	57,000 BTU/Hr.

Note: In View of Continuous Product Improvements—design and specification are subject to change without Notice

Heat Harvester Energy Efficient Products
Manufactured by
H H Systems, Inc.