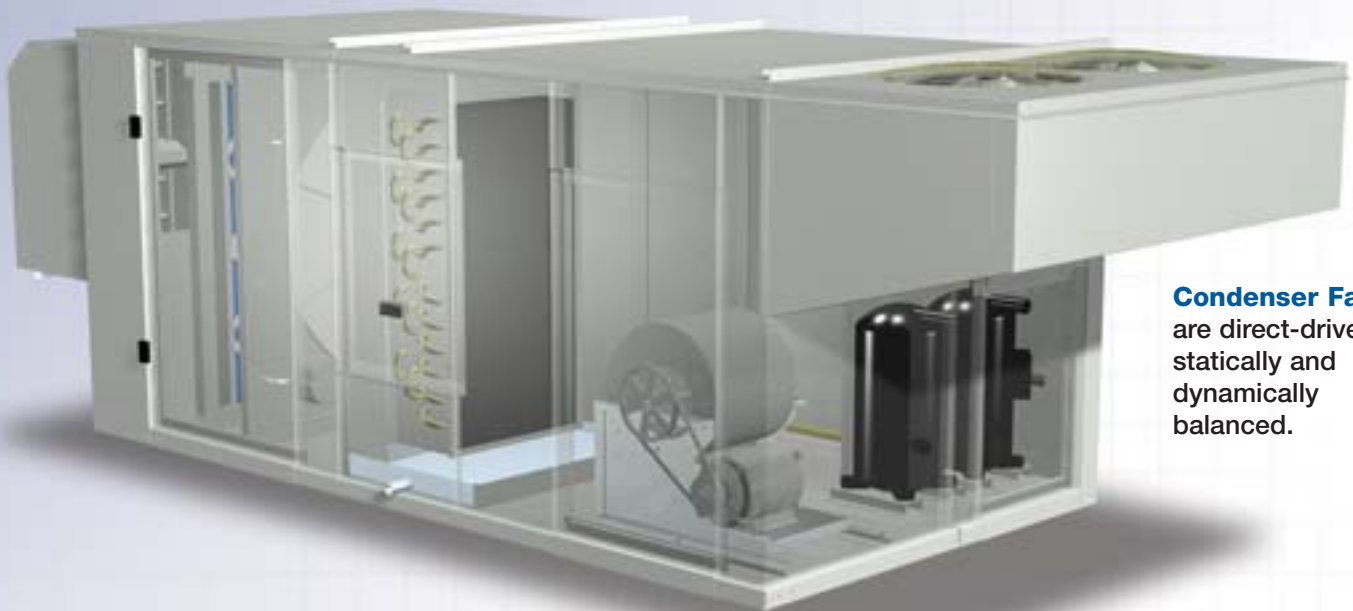


Energy Recovery Ventilator with Integral DX Cooling & Heating Model ERCH with Packaged DX Option

- **100% Outdoor Air**
- **1,000 to 10,000 cfm**
- **4-30 Tons***
(2 stages of capacity control above 9 tons)
- **Electric, Hot Water, or Indirect Gas Heating**

Model ERCH with the Packaged DX option provides you with a high quality, economical alternative for 100% outdoor air applications traditionally requiring expensive, custom-built equipment. The pre-engineered design means quality and consistency in construction. The built-in energy recovery wheel provides up to a 75% reduction on the cooling equipment (eliminating 4-40 tons) which in turn saves the owner on first costs and provides immediate and on-going energy savings. The factory installed condensing unit provides peace of mind by removing the potential of a 3rd party improperly matching split system components. It also eliminates the cost and liability associated with field piping, charging, and wiring by the contractor. The Computer Aided Product Selection (CAPS) tool simplifies product selection and gives you the ability to generate immediate submittals and equipment schedules. All this without having to pay a custom unit premium.

* Energy recovery wheel and packaged DX combination provide 8-70 tons of cooling capacity.



Condenser Fans are direct-drive, statically and dynamically balanced.

Condenser and Evaporator Coils have copper tubes with permanently expanded aluminum fins. Evaporator coils are mounted on a stainless steel drain pan.

Thermal Expansion Valves provide refrigerant control. Head pressure control and optional hot gas bypass can provide further control at low-load conditions.

Compressors are quiet-running hermetic, scroll-type. They are mounted in an isolated compartment to be serviceable without affecting airflow, and are mounted on neoprene isolators to minimize vibration transmission and noise.

Standard features of the Packaged DX cooling option include:

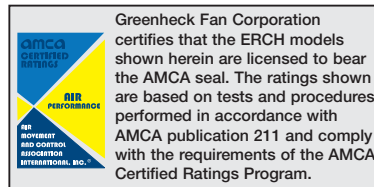
- Liquid-Line Filter Drier
- High Pressure Manual Reset Cutout
- Low Pressure Auto-Reset Cutout
- Time Delay Relay for Compressor Protection
- Service/Charging Valves
- Moisture Indicating Sight Glass

Optional features include:

- Hot Gas Bypass
- Hot Gas Reheat



Energy recovery wheels certified by the ARI Air-to-Air Energy Recovery Ventilation Equipment Certification Program in accordance with ARI Standard 1060. Actual performance in packaged equipment may vary. Certified Ratings are available in the Certified Product Directory at <http://www.ari.org/directories/erv>



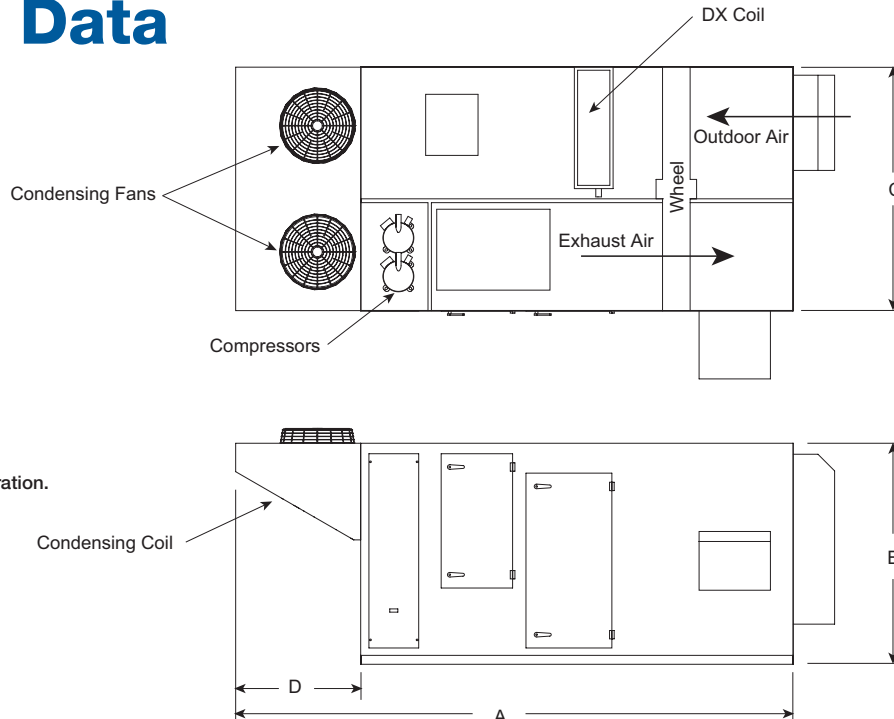
Greenheck Fan Corporation certifies that the ERCH models shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



Dimensional Data

Unit Size	A	B	C	D	Approx. Weight (lbs)
ERCH-20	137	50	56	27	2150
ERCH-45	159	69	66	38	3500
ERCH-55	174	70	76	39	4450
ERCH-90	199	85	96	46	6200

All dimensions shown are in inches. Actual weight is dependent upon unit configuration.



Our Warranty

Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the purchase date. The energy recovery wheel is warranted to be free from defects in material and workmanship for a period of five years from the purchase date. Any units or parts which prove defective during the warranty period will be replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by Greenheck prove defective during this period, they should be returned to the nearest authorized motor service station. Greenheck will not be responsible for any removal or installation costs.

As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.

Greenheck P.O. Box 410 • Schofield, WI 54476-0410 • Phone (715) 359-6171 • greenheck.com

