

Engineered Air DJX Series

Indirect Condensing Appliance



NOMINAL 90% EFFICIENT INDIRECT FIRED HEATER

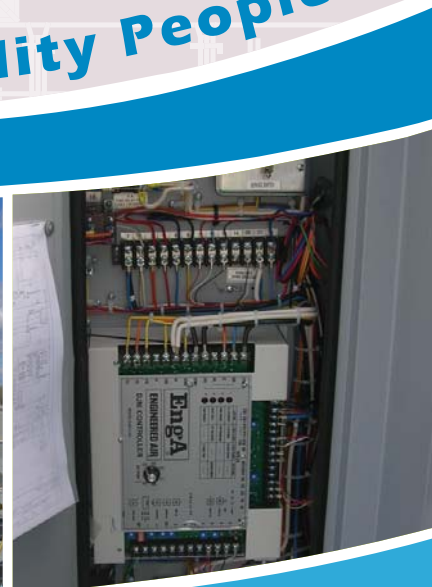
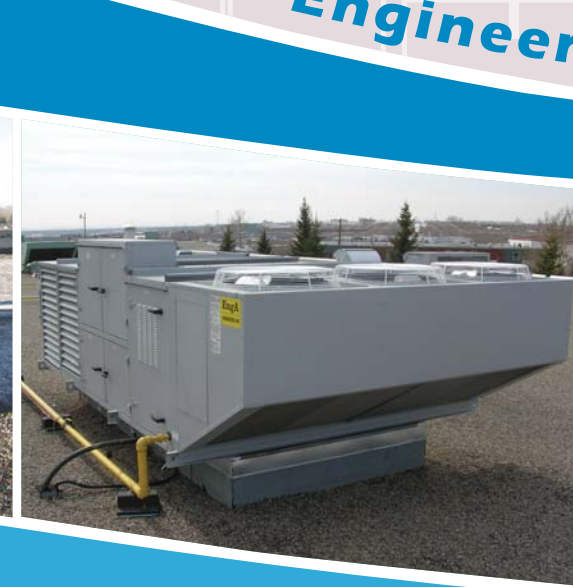


EngA **ENGINEERED AIR**

If you have an idea - We'll manufacture it!



HEATING :: VENTILATING :: AIR CONDITIONING :: AIR QUALITY :: ENERGY RECOVERY



The Product:

The Engineered Air DJX Series furnaces redefine heating for the commercial – industrial market place. Our complete line of indirect gas-fired heating products incorporates independent proportional control of combustion air and gas flow. This ability to maintain the proper ratio of combustion air to gas burned is called “linearization”. With Linearization our DJX Series product maximizes heating efficiency and Energy Savings.

DJ models meet or exceed the ASHRAE 90.1 2007 and ASHRAE 189.1 high performance building requirements for (non weatherized) steady state at high fire operation.

The DJX heat exchanger was engineered to operate at nominal 90% efficiency throughout its complete firing rate and with increased efficiency during part load conditions. The DJX Series exceeds standards and optimizes energy performance.



DJX Air Turnover

The Features:

- Energy efficient – Low operating costs.
- High turndown – Better control & comfort.
- All stainless steel heat exchanger.
- Electronic ignition – No waste of energy in off cycle.
- Wide range of airflow & gas inputs – Allows for flexibility in design.
- Wide range of control options – Can interface with all design requirement.
- Flexible equipment casing construction – meets harsh climate construction.
- Combined mechanical cooling and energy recovery packages.
- Quality Assurance Program – Highest quality in the industry.

Optional Features:

- Mechanical cooling – package or split systems available
- Hydronic cooling coil
- High turndown 15:1 burner control
- Approved for -40°F operation (-60°F optional)
- DJM electronic controller is used to increase part load efficiency
- Indoor and outdoor configurations
- Airflow rate from 1,000 to 44,000 CFM
- Gas Input capacities from 100 to 1,400 MBH



DJM Control Module

The Company:

Since the time of our incorporation in 1966, Engineered Air has grown to become one of the largest, fully integrated manufacturers of custom heating, ventilating, air conditioning, refrigeration and heat recovery equipment in North America.

Over the years, Engineered Air has built a solid reputation for innovative designs and uncompromising quality. We have worked from the beginning to establish Engineered Air as a company uniquely different from our competitors. We listen to our customers and build quality equipment to meet their specific needs, all through our integrated Direct Sales Force, Design and Manufacturing facilities.

Engineered Air has a well established policy of continuing capital investment in people and technology. Continuous research development and constant improvements in manufacturing procedures assure unsurpassed quality, reliability and service.

HEATING, VENTILATING, AIR CONDITIONING, REFRIGERATION AND ENERGY RECOVERY PRODUCTS

Air Cooled Condensers
Air Handling Units
Airtex Radiant Ceiling Panel
Air Washers
Condensing Units
Convectors
Dehumidifiers
Direct Fired Air Curtains
Direct Fired Make-Up Air Heaters
Energy Recovery Units
Evaporative Coolers
Fan Coil Units
Finned Tube Radiation
Fluid Coolers
Heating, Cooling and/or Ventilating Units
Heat Transfer Coils

Heresite Corrosion Protection
Humidifiers
Indirect Fired Make-up Air Heaters
Indirect Fired HVAC Units
Multizone Units (new & replacement)
Packaged Air Conditioners
Prefabricated Equipment Rooms
QDT Heat Recovery Pipes
Recovery Air - Energy Recovery Wheels
Replacement Units
TRAC "Family of Electronic Controls"
Tri Med UVC and Odor Control Products
TRP Air to Air Heat Exchangers
Unit Heaters
Unit Ventilators
Water Chillers

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