

# INDIRECT FIRED MODULAR UNIT

FOR COMMERCIAL HEATING & VENTILATION APPLICATIONS

## SAVE ENERGY WITH SUSTAINABLE INDIRECT FIRED TECHNOLOGY

The Modular Indirect Fired Bent Tube Heater is designed to deliver clean air into an indoor environment. Units are designed for indoor or outdoor installation and can use either natural or LP gas. **The maximum turndown capability is 28:1 depending on total BTU required.** The unit is able to maintain a constant 80% combustion efficiency over the entire gas firing range by maintaining a uniform air-to-fuel ratio, even on mild days. Further energy savings can be realized by utilizing a factory mounted variable frequency drive for reduced electrical and gas consumption.



### FEATURES

- Type 409 Stainless Steel Heat Exchanger
- G90 Galvanized Housing
- Full Electronic Vernier Type Modulation
- Unit Mounted HMI LCD Interface for easy unit monitoring and serviceability

### APPLICATIONS

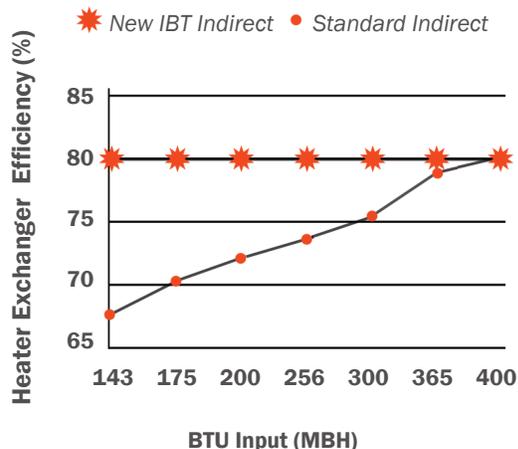
- Apartment Buildings
- Nursing Homes
- Hotel Corridors



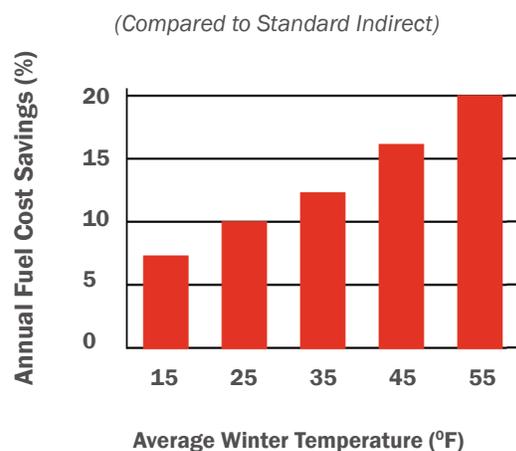
R-IBT is available with evaporative, chilled water or packaged DX cooling

80% Combustion Efficiency • 6:1 Turndown Ratio Per Exchanger  
Variable Air Volume • 100% Fresh Air Cooling • Mixing Box Options

#### INDIRECT FIRED ENERGY COMPARISON



#### ANNUAL FUEL SAVINGS @ 80%



# IBT HMI CONTROLS

ADVANCED HUMAN MACHINE INTERFACE (HMI)



## SIMPLE INSTALLATION & SERVICEABILITY

- CAT-5 Connection
- Fault Indicators with Fault History
- Monitoring of Component Status
- Real-time Display of Temperature Readouts
- Testing Interface Ensures Easy Start-Up

## HIGH LEVEL FUNCTIONALITY

- Standard Unit Mounted LCD Interface
- Optional Remote Mounted LCD Interface (5 Max)
- VFD and Mixing Box Control via LCD Interface
- 7 Day Programmable Thermostat
- Discharge or Space Temperature Control with Optional Room Override
- DDC Interface options Standard with LCD Panel



Standard unit mounted HMI  
with optional HMI for remote mounting