

ECLIPSE RHT

INDIRECT AIR HEATERS

**Clean, indirect process heat
in a completely packaged
combustion system.**

Eclipse Recirculating High Temperature (RHT) indirect air heating burners are designed to heat recirculating ovens and dryers where the products of combustion must be isolated from the process air stream. They are also excellent for use in industrial space heating systems. The RHT features industry-proven Eclipse burners. The firing chamber and exhaust tubes are assembled as a single unit for easy installation and optimum performance. Nine sizes are available with outputs ranging from 0.17MMBTU/h (50Kw) to 2.73MMBTU/h (800Kw).

Typical Applications

- Paint Drying Processes
- Food Ovens
- Batch Ovens
- Spray Dryers
- Air Make-up Systems
- Indirect Process Air Heating

Standard Features

- Process temperatures up to 550° F. (290° C).
- Products of combustion are separate from process air stream.
- High temp limit protection and process air pressure switch.
- Free-floating design allows for thermal expansion.
- High efficiencies of 60-75%.
- Low process air flow pressure drops.
- Robust construction.
- Meets NFPA 86 recommendations.



Packaged Solution

The RHT Indirect Air Heater is a completely packaged system that includes the heat exchanger, combustion chamber, burner, combustion air blower and gas train. The heater unit is built with high temperature alloys. End users can be confident our global service network will support them long after the sale.

Options

- Choice of on-ratio or fixed air burners.
- Multi-fuel burners are available.
- Valve trains to meet agency standards.
- Control panels for flame failure and temperature control.
- Insulated or non-insulated profile ducts.

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