

PRE-heat

RECAPTURE REHEAT RECYCLE

Shell & Tube

Air-to-Air Heat Exchanger

The most durable and heavy-duty heat exchanger PRE-heat offers.

AirLock Design

Our airlock floating tube expansion design eliminates the destructive forces caused by uneven growth from partial heat exchanger plugging, which dramatically increases the lifecycles of our heat exchangers.

Versatility & Sustainability

In-line and staggered tube patterns, as well as multiple shell side flow passes and multiple tube side passes with full or partial baffles, allow us to design the proper exchanger to meet your performance needs and fit into the required space.

Tube Applications

Our tube and shell heat exchangers can recover heat energy from industrial furnaces, kilns, ovens, and dryers of all types. They can also be utilized in heat exchangers for all types of VOC abatement for fume incineration.



Size
Large



Temperature
Up to 1600°F



Pressure
Up to 7 PSI



Effectiveness
Up to 75%



Flow Ratio
Approx. 5:1



Lifespan
15-20 Years



Corrosion Resistance
● ● ●



Dust Handling
● ● ●



Cleaning
● ● ●

