



Sidel Systems (USA) Inc.

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or

1-800-668-5003

Sid Abma



Sidel Systems
SRU Flue Gas Condenser

Sidel Systems has been designing and installing high efficiency hot water heating systems since 1978 ...long before the natural gas pricing crisis we are in today.



- ❑ Natural gas is one of their largest monthly expenses.
- ❑ It has been our commitment to design an energy efficient heating system to keep natural gas bills as low as possible.



- ❑ The heating system is one part of the design.
- ❑ The boiler room is the second part
- ❑ The design of the heating system has to work efficiently with the flue gas condenser.

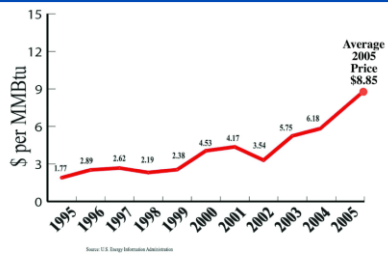


The Basics

- ❑ Boilers average 75% - 85% efficiency.



U.S. Natural Gas Prices



Some Options

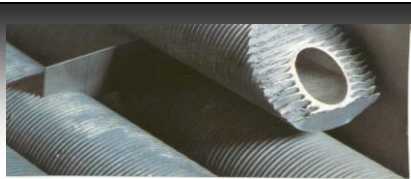
- Economizers are easily installed.
- Some of the waste heat is transferred into the boiler feed water.
- Will improve boiler efficiency by 2 – 4%.



Sidel SRU Flue Gas Condenser

- Typically improves boiler efficiency by 10 – 15%.
- Aluminum on the flue gas side.
- Stainless steel on the water side.
- Our tube is actually two tubes.





- Aluminum is a high conductor, ideal for heat transfer purpose.
- Each fin is individual, not spiral wound, flue gasses can easily travel up through the condenser.
- Typically, back pressure across our unit is about $\frac{1}{2}$ water column .

- Most of the condensing takes place at the top of the unit, where cool water enters.
- As the condensation runs down the unit, it is at the same time washing the fins clean.









- Likely Applications**
- Food Processing Plants
 - Slaughter Houses
 - Hospitals
 - Hotels
 - Commercial Laundry Facilities
 - Universities
 - Federal and State Buildings
 - Chemical and Pharmaceutical Plants





Sidel Systems USA Inc. is a recognized partner of Energy Star.
Our product is guaranteed to save you money as well as helping to save the environment.



We thank you for your time and interest.
Contact us at
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