



Friedrich PlusOne Velocifin

An Innovative Heat Exchanger Design

The PlusOne® Velocifin™ heat exchanger improves the efficiency and performance of Friedrich gas furnaces. Its patented finned design increases heat transfer and reduces energy consumption, making it a notable innovation for us and the entire HVAC industry.

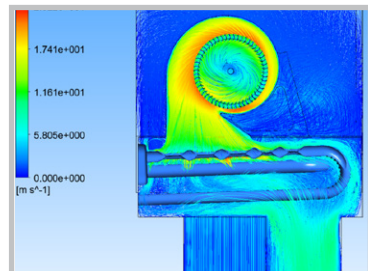
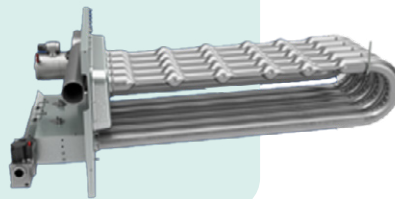
THE VELOCIFIN DIFFERENCE

Velocifin provides the benefits of increased heat transfer and improved overall product performance.

Velocifin offers a simple yet innovative heat exchanger that extracts more heat from the gas burned, improving efficiency. Unlike typical heat exchangers with a turbulator installed into the tubes, which inhibit efficient airflow, Velocifin has a finned heat exchanger with no separate parts (e.g., turbulators) and an aerodynamic profile with minimal pressure drop.

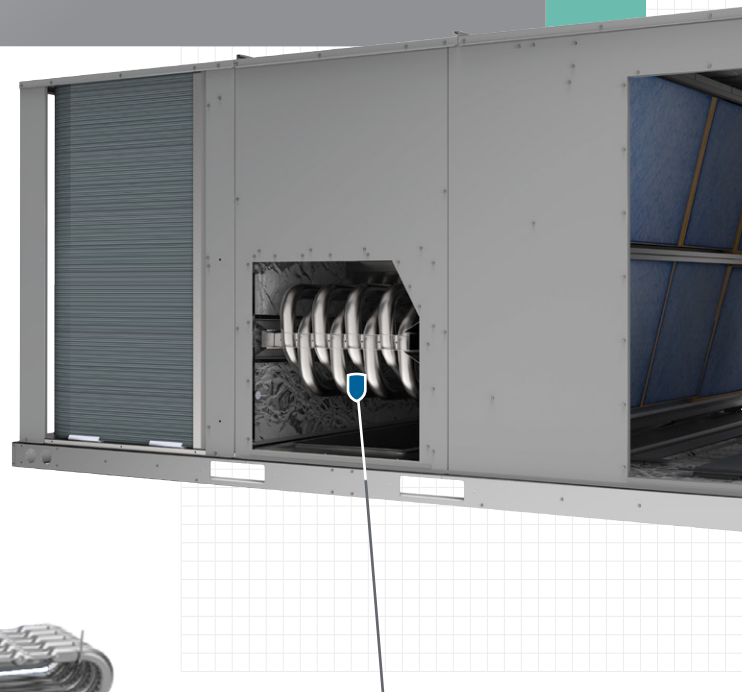
Patented Finned Design

The Velocifin heat exchanger features integral baffles or vanes to minimize pressure drop, guide airflow in the desired direction and increase air turbulence—a unique, patented design.



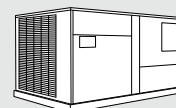
Improved Heat Transfer

The Velocifin heat exchanger uses an innovative velocity concept to enhance heat transfer. The patented finned design allows it to extract more heat from the gas burned, resulting in a more efficient product.



The Velocifin heat exchanger is an assembly based on a simple design that requires fewer parts and features slide-out functionality in many models, making it easier to service and maintain.

AVAILABLE IN:



THE VELOCIFIN **ADVANTAGE**

Velocifin provides several key benefits over standard heat exchangers, including:



EASE & SERVICEABILITY

Easy to Maintain: A minimalistic approach to design makes for a simpler, more easily serviced product

Lighter and Removable Heat Exchanger Assembly: Easier for contractors to handle, access and install

In-house Manufactured Burners: With Friedrich parts, it's more dependable and easier to source replacement parts



PERFORMANCE

Advanced Performance: Delivers 81% AFUE rating with less surface area

No Condensate Collection: Has no low spots or other areas for the moisture to collect, improving the performance of the heat exchanger

Stainless Steel Heat Exchanger Option: Includes a 20-year limited parts warranty



Mechanical engineers choose Velocifin

because it increases heat transfer by increasing flue gas velocity through a heat exchanger with an increase in surface area (fins).



Contractors choose Velocifin

because it offers increased gas heat efficiency within the same size furnace cabinet and has a simple design with common parts to stock. In select models, it also features a slide-out design, making it easy to access and service.



Building owners choose Velocifin

because it provides a reliable and efficient heat exchanger that can help to reduce heating costs.

Learn more about Friedrich Commercial Air at Friedrich.com/Commercial

CONTACT US

For additional information, contact your local Friedrich sales representative.



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