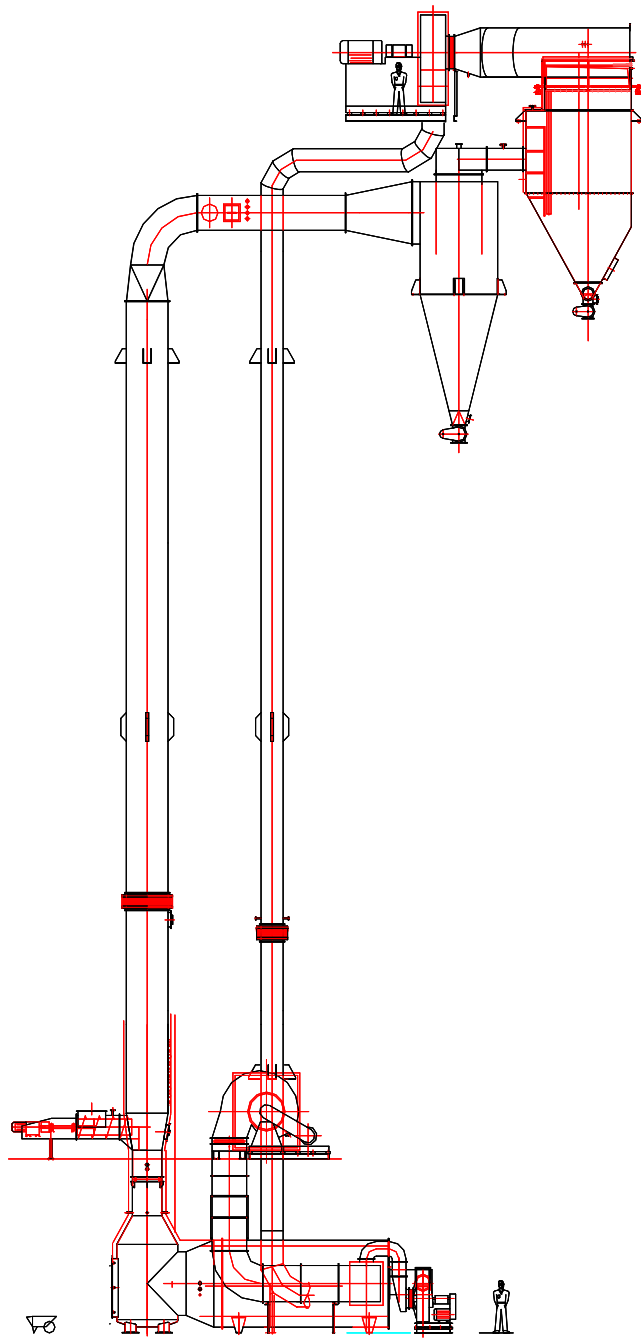
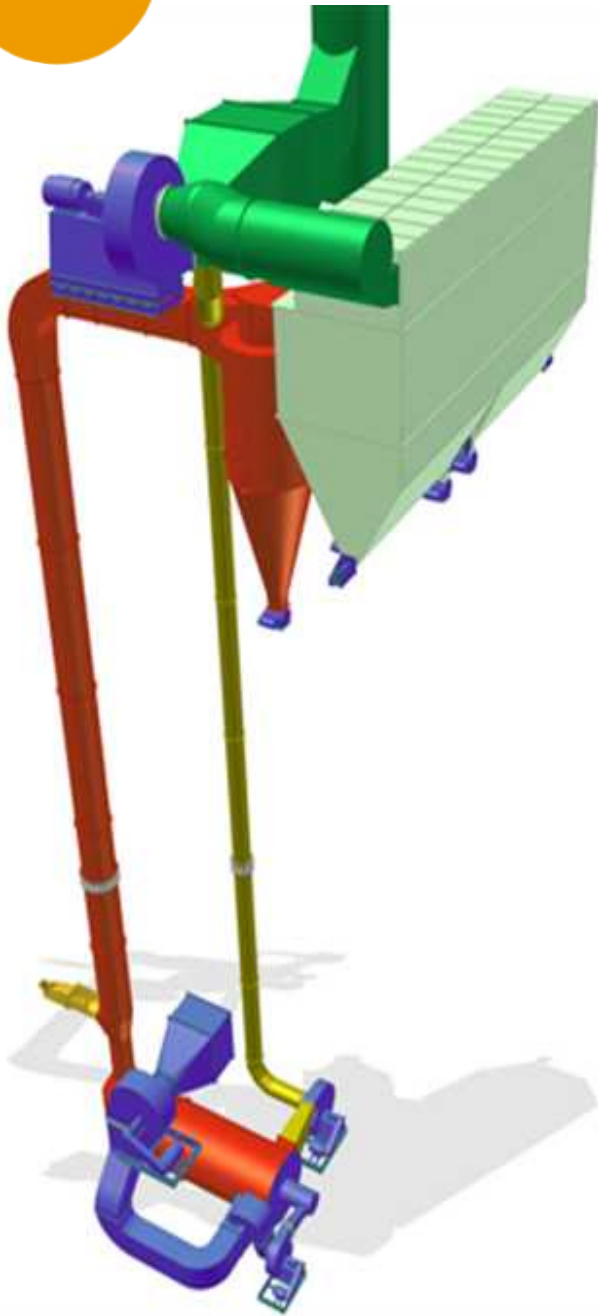


Specialists in Drying and Cooling sm



Ventilex



Flash Drying

For Drying of Chemicals, Food, Dairy, Pharmaceuticals, and Aggregates

VENTILEX USA Inc.

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Flash Drying

About Ventilex

Ventilex Flash Dryers are known worldwide for their high quality and efficient operation. Our Flash Dryers are used in all types of industries for Drying of fine graded products.

Ventilex has been manufacturing process equipment for over 40 years. We started with air filtration and then added drying and cooling. Ventilex has 1,000's of successful installations worldwide on all types of granular, powdered, fibrous, and flaked products.

The Application

Each application is carefully studied and researched using our vast database of installed applications, pilot testing, laboratory testing, and reference materials. We listen closely to the objectives and search for the optimum results—keeping in mind the cost to achieve the desired process.

Ventilex staff consists of Application Engineers, Process Engineers, Mechanical Engineers, Electrical Engineers, and ties it all together with a state-of-the art manufacturing facility. Great engineering is backed-up by certified welders, with a true CAD-CAM facility. Ventilex keeps our stainless steel and carbon steel in separate facilities to make sure there isn't any cross contamination.

The Product

Designed and manufactured to the quality that the industry has come to expect from Ventilex, our ability to save energy is the cornerstone to satisfy your drying and/or cooling requirements.

Flash Dryers utilize the gas stream for transferring the product. For Flash Drying, residence times are normally short and rely on the moisture or solvent to be removed to be unbound. Flash Drying can also be used as a pneumatic transport, thus serving as 2 needs.

Flash Drying depends on a carrier gas, normally air, to transfer the thermal energy. The gas stream is heated, and this can be accomplished with natural gas, propane, steam, oil, waste heat, or even turbine exhaust!

Flash Drying requires an accelerated air stream. This is normally accomplished by means of a high pressure fan and a Venturi. The feed is introduced into the gas stream by a metering device, normally a screw conveyor, and is lifted and conveyed where the thermal transfer takes place from the product to the gas stream.



Separation of the product and the gas stream is accomplished by use of highly-efficient cyclones, and any remaining particles are removed in some cases by a bag filter, scrubber, or other means to meet your discharged air requirements. Closed loop systems with condensers are also available for solvent recovery, N2 processing and heat recovery.

The Quality

Ventilex meets or exceeds all world-wide engineering and manufacturing standards. All products are manufactured to ASME, DIN, ISO and CE standards. Our finishes, when applicable, meet or exceed USDA and FDA regulations for surface finish and design criteria.

Take The Test

Test at our facility. Ventilex has outfitted a complete pilot testing facility that can test almost any product for drying or cooling.



Testing at the Ventilex Pilot Plant can be an economical method of determining if Flash Drying is the proper method for drying your product. Costs are based on per day of testing plus any out of pocket expenses. Additionally, discharged air quality testing can be arranged by Ventilex through a neutral third party at additional costs.

Ventilex offers lab-scale testing at no charge. Send us 5 liters along with your MSDS and a completed Data

Questionnaire sheet and we will tell you our opinion of how your product will be processed by our equipment.

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