

Vibrating Fluid Beds

Evaporator Dryer Technologies, Inc.



EDT Vibrating Fluid Bed



Pilot Size Vibrating Fluid Bed

Evaporator Dryer Technologies provides Vibrating Fluid Beds/Coolers engineered with new technological advancements to achieve the best processing results.

Our fluid beds feature an exclusive directional air disperser screen that provides optimum product fluidization of powder particles. This special design directs powder flow towards the powder discharge while the fluid bed sidewalls remain free of powder build-up. The screen is designed to be flat and crevice free without any pockets that can cause powder flow disturbance.

EDT offers a range in size and capacity fluid beds - from large processing systems to small pilot size units.

Each unit is custom designed in accordance with USDA Sanitary Guidelines and is sized to fit the needs of the application.

Special Features and Benefits

- ▶ **NEW** directional air disperser screen.
- ▶ Built-in CIP using EDT liquid-activated retractable CIP spray nozzles - No air lines connections are required.
- ▶ Protected with built-in EDT Fire Suppression spray nozzles.
- ▶ EDT Heavy-Duty Manways - a double-hinged cover is designed to eliminate liquid and air leakage.
- ▶ Vibration Isolation - quiet operation.
- ▶ USDA accepted for sanitary applications.



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Vibrating Fluid Beds

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Directional Air Disperser Screen



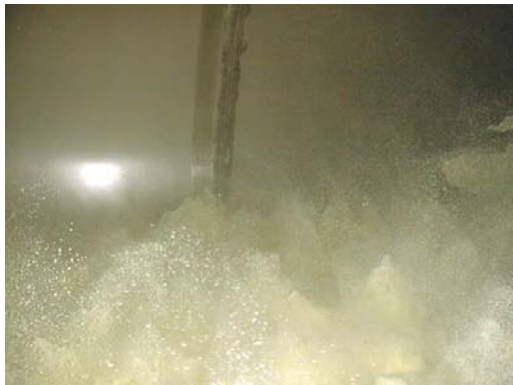
Directional Air Disperser Screen

Directional Air Disperser Screen

EDT fluid beds feature our exclusive directional air disperser screen that provides optimum product fluidization of powder particles.

This special design directs powder flow towards the powder discharge while the fluid bed side walls remain free of powder build-up. The screen is designed to be flat and crevice free without any pockets that can cause powder flow disturbance.

Also available is a straight flow air disperser. This screen is designed so the powder will not augment towards the powder discharge, yet keep the fluid bed side walls free of powder build-up.



Fluidized Whey Powder



Evaporator Dryer Technologies, Inc. is an engineering company providing the services of design, engineering and supply of evaporating and spray drying systems and components with an innovative approach that will modernize and improve plant performance, and enhance operational safety.



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