

CO₂ Storage Tank Vent Absorber

Model 1500

Certificates & Standards



Product Description

Storagetech™ Model 1500, Storage Tank Vent Absorbers are equipped with additionally replaceable MMHasso™ Filter cartridges that contain cells and particulate filters. With its new design model 1500 is more accessible and compact.

Advantages

The 1500 model of Storagetech™ is designed with both the outer casing and filter system in a cylindrical way. This unique design of Äger's talented R&D and engineering team will ensure you:

- Prevents humidity.
- The pollutant (unwanted) gas filtration reduces the pollution by up to 99%.
- Remove corrosion effects.
- Various chemicals can be absorbed in one unit at the same time.
- Filter basket can be easily replaced in minutes.
- Specially designed for the usage of the top of the tank and on the ground.



Technical Details:

- Low-Pressure-Drop: absorbers to remove pollutant gases from the airflow during the filling and stored condition of storage tanks.
- Can be equipped with PVRV
- Can be specifying with AL, CS, SS and other higher grades.
- Flange connections are according to ASME/DIN/JIS.
- Manufactured in accordance with EPA and EN standards.
- It works up to 10.000 m³/h gas flow rate.

How to use:

- Storagetech absorbers are particularly designed with new technology for low vaporize temperature chemicals, hazardous chemicals, and other storage tank vents.
- Dry Scrubbers & Absorbers are mounted on the breather valve of the tank. It may be gathered on the top of the tank or on the ground.
- Tanks Farms implies the group of tanks that consists more than one tank. Storagetech Tank Vent Absorber can be used also for the tank farms instead of using different absorbers for each tanks and that brings a serious cost reduction for the companies. It works perfectly for the tank farms and comes out with the same performance such as using it for the one tank



Why to Use

Each request is specially evaluated and applicable methods are presented. Filtration process is carried out by both physical and chemical methods.

Absorbent must be chosen truly. Based on the correct definition on the unwanted gas or content, appropriate absorbent method can be chemical, physical or both which shall be applied to provide maximum effectiveness.

Product Recommendations



Flame Arrestor

End-Of-Line,
With Automatic
Opening Hood,
Deflagration

Model: 312

Storagetech™ Flame Arrestors (End-of-line, with Automatic Opening Hood) are passive devices that prevent the propagation of a flame or fire from entering into an opening in a pipeline or vessel discharging flammable vapor. As different from model 310, Model 312 end of line flame arrestor's weather hood is designed to react fire instantly tanks to it's fusible link, which is melted during the fire and let the weather hood release the gas/fire to the atmosphere.

Storagetech™ manufactures storage tank equipment, such as flame arresters, breather valves, gauge hatches, floating roofs, and floating suction pipe.



Pressure Vacuum Relief Valve With Flame Arrestor

End-Of-Line,
Weight Loaded,
Combination,
Atmospheric Deflagration
Proof

Model: 330

Storagetech™'s Model 330 Pressure Vacuum Relief Valve with Flame Arrestor provides protection to bulk storage tanks and vessels from over and under pressurization.



Flame Arrestor

Vertical,
In-Line,
Detonation

Model: 320

Storagetech™'s Model 320 In-line Detonation Flame Arrestor (also called flame arrestor or fire arrestor) is designed for installation in gas pipelines. Detonation occurs when a flame travelling through the pipeline reaches supersonic velocities, usually as a result of the pipeline configuration or pipeline surface roughness. Changes in gas density and pressure causes the flame velocity to metamorphose from subsonic to supersonic.



Flame Arrestor

Horizontal,
In-Line,
Detonation

Model: 321

Storagetech™'s Model 321 In-line Detonation Flame Arrestor (also called flame arrestor or fire arrestor) is designed for installation in gas pipelines. Detonation occurs when a flame travelling through the pipeline reaches supersonic velocities, usually as a result of the pipeline configuration or pipeline surface roughness. Changes in gas density and pressure causes the flame velocity to metamorphose from subsonic to supersonic.

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data sheet series

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