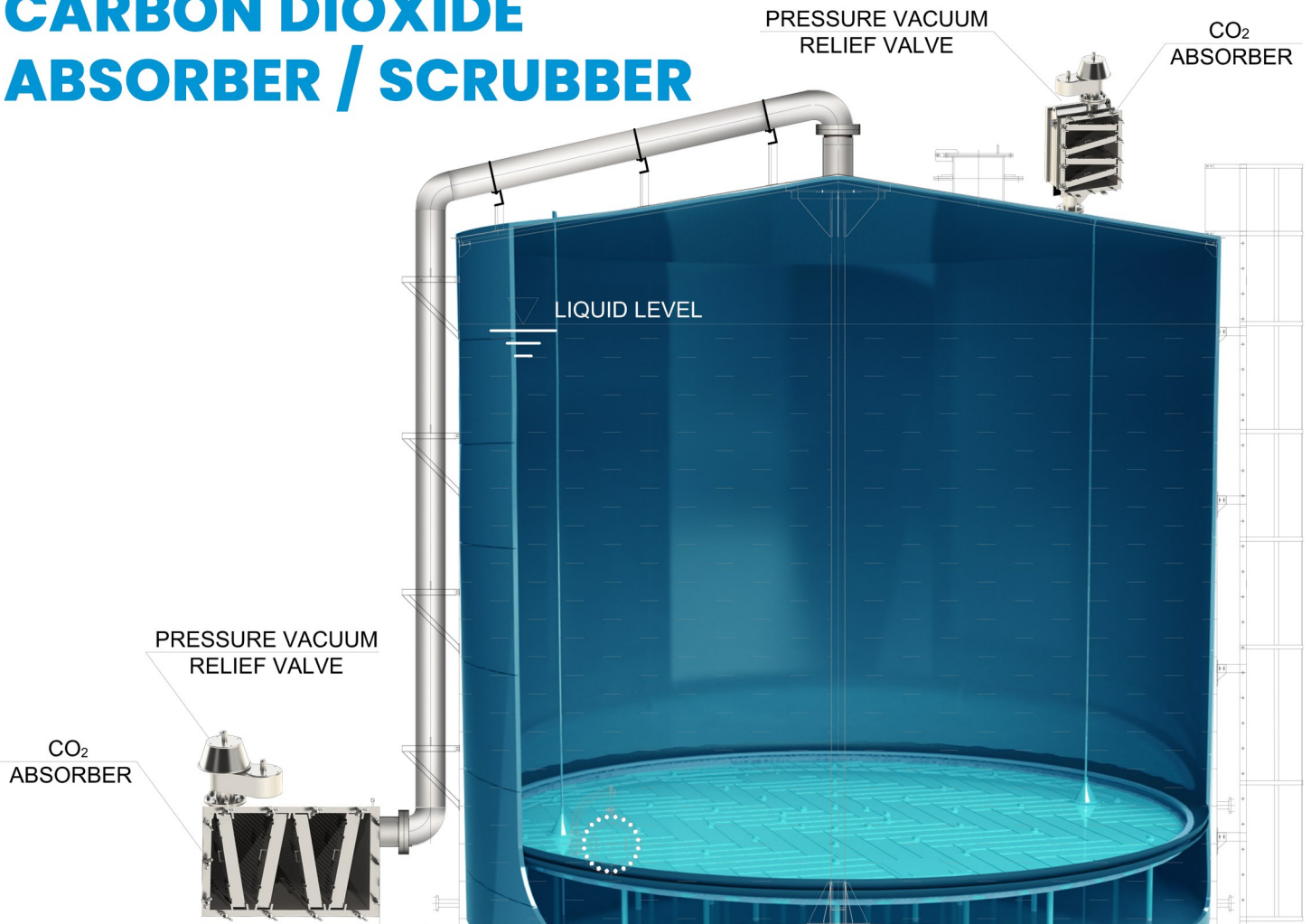
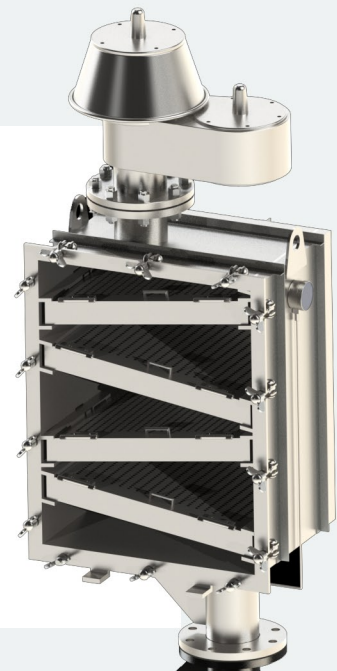


# STORAGE TANK VENT CARBON DIOXIDE ABSORBER / SCRUBBER



## Storage Tank Vent Carbon Dioxide Absorber / Scrubber

- This product absorbs and separates CO<sub>2</sub>
- Low pressure drop
- Specially designed for use top of the tank and on the ground
- Blocking CO<sub>2</sub> in the air entering the tank
- Easy filter change
- Easy maintenance

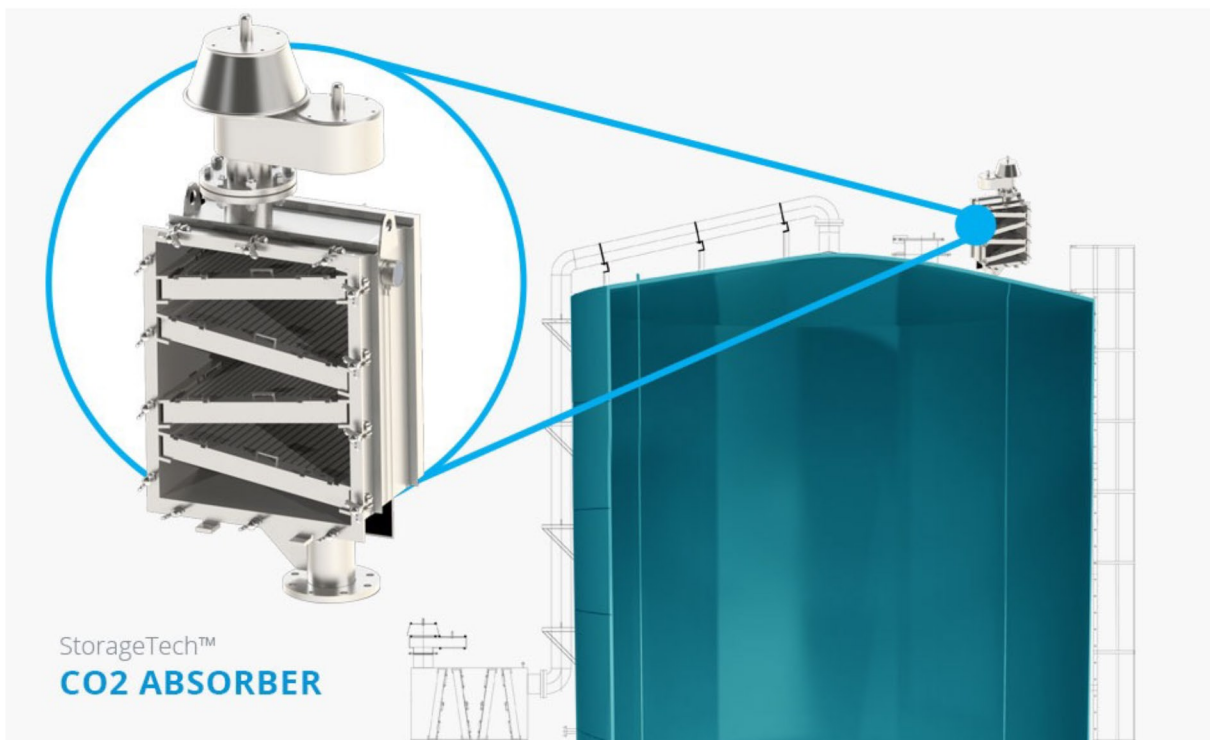


## **Model 1200 Storage Tank Vent CO<sub>2</sub> (Carbon Dioxide) Scrubber/CO<sub>2</sub> Absorber**

StorageTech™ Model 1200 Storage Tank Vent CO<sub>2</sub> (Carbon di-oxide) Absorbers are equipped with replaceable MMHasso™ Filter cartridges that contains cells and particulate filters. StorageTech™ designs and manufactures Low-Pressure-Drop CO<sub>2</sub> Scrubber /CO<sub>2</sub> Absorber to remove CO<sub>2</sub> gases from the airflow during emptying and filling of storage tanks and already exist CO<sub>2</sub> inside of the storage tank. StorageTech CO<sub>2</sub> Scrubber/CO<sub>2</sub> Absorber which particularly designed with new technology for Condensate, demineralized water tank and other storage tank vents. The most common design is use of 4-stage asymmetric structure active filtration principle in which MMHasso™ Filter cartridges is embedded inside the filter media.

CO<sub>2</sub> Scrubber & Absorbers are mounted on the breather valve of the tank. It very well may be gathered either on the top of the tank or on the ground. The CO<sub>2</sub> filtration effectiveness up to 100% empowers a high caliber of demineralized water.

MMHasso™ Filter for Demineralized Water Tank Vents is to be introduced at the breathing vent to avert CO<sub>2</sub> entrance in to the DM water stockpiling tank. The aim is to maintain full removal of the CO<sub>2</sub> from the outer sources.



The most common way of measuring very low ionic impurity levels in ultra-pure water is conductivity and resistivity analyzes. Demineralized water is usually exposed to air from CO<sub>2</sub>, which increases its conductivity and gives the appearance of a pollutant in water. The CO<sub>2</sub> Scrubber for DM Tanks allows you to maintain your pH and low conductivity of demineralized water. Contingent upon the CO<sub>2</sub> focus in the approaching air, the water conductivity can be expanded to ~ **0.8-1.5 suS/cm**.

Storagetech™ is a global manufacturer of Low-Pressure-Drop CO<sub>2</sub> Scrubber/CO<sub>2</sub> Absorber which especially structured with new innovation for demineralized water tank and other storage tank vents. Model 1200 is important for industries such as demineralized water, power generation, semiconductors and pharmaceuticals having strict legal requirements. In additional MMHasso™ filters are usually used in to remove odor from the air too.

- ***Specially designed for working with DM Tanks, Condensate Storage Tanks and other storage tanks***
- ***With MMHasso™ Filter cartridges provides Low Pressure Drops***
- ***Easiness with renewal of Filter cartridge***
- ***Material can be specified following; Al / CS/ SS 304 / SS 316 and other higher grades,***
- ***Easy installation and maintenance***
- ***Flange Connections are according to ASME / DIN/ JIS etc.***



## STORAGE TANK VENT CARBON DIOXIDE ABSORBER FOR STORAGE TANK VALVES

### Features

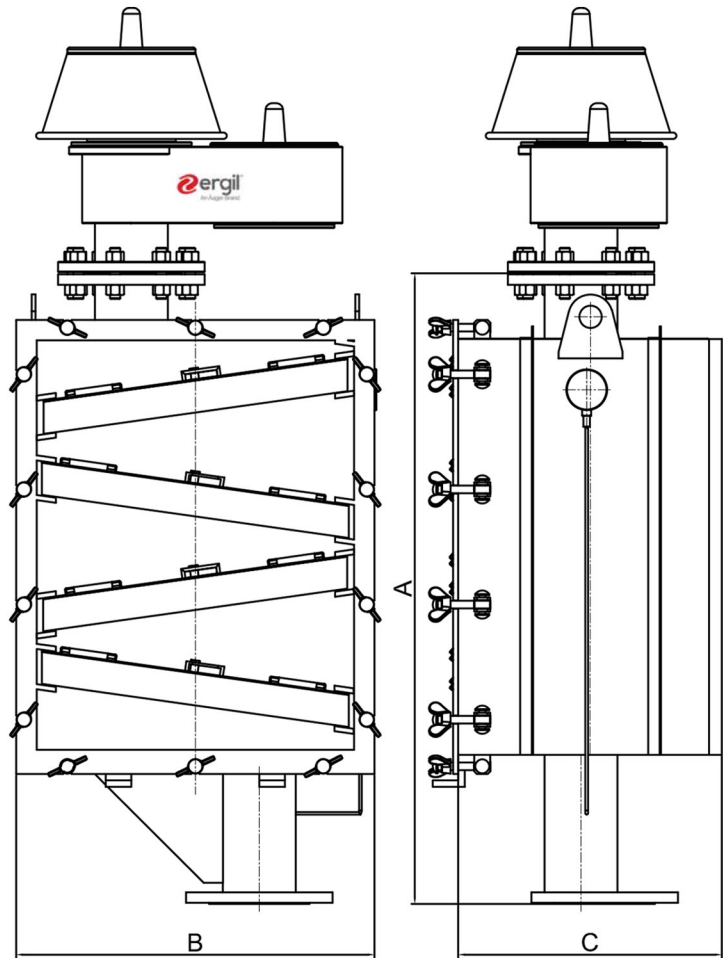
- This product absorbs and separates CO<sup>2</sup>
- Low pressure drop
- Specially designed for use top of the tank and on the ground
- Blocking CO<sup>2</sup> in the air entering the tank
- Easy filter change
- Easy maintenance

### SIZES :

2" TO 16" NM INLET/OUTLET

### MATERIALS :

ALUMINIUM  
STAINLESS STEEL  
CARBON STEEL



SIZE		A (mm)	B (mm)	C (mm)	MAX. FLOW RATE PRESSURE/VACUUM (Nm <sup>3</sup> /h)
NPS	DN				
2"	50	750	350	300	240/140
3"	80	800	400	325	500/290
4"	100	900	500	400	950/550
6"	150	1100	650	475	2100/1250
8"	200	1350	800	550	3500/1900
10"	250	1650	1050	700	4800/2900
12"	300	2050	1300	900	7100/4100
14"	350	1300	2100	1000	---
16"	400	1500	2500	1200	---

## MATERIALS OF CONSTRUCTION

ITEM	ALUMINIUM	CARBON STEEL	STAINLESS STEEL
BODY MATERIAL	1050 H14(AL)	S 235 JR	SA 240 Gr. 304/316
TRIM MATERIAL	SS 304 / SS 316	SS 304 / SS 316	SS 304 / SS 316
HARDWARE	SA153 / SS304 / SS316	SA153 / SS304 / SS316	SA153 / SS304 / SS316
GASKET FOR P.V.R.V	NITRILE / VITON	NITRILE / VITON	NITRILE / VITON
GASKET FOR CO2 ABSORBER	KLINGERITE	KLINGERITE	KLINGERITE

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