

# Storagetech™ STORAGE TANK VENT AIR DRYERS

## Advantages

- Remove corrosion effects
- Protection against high humidity and steaming
- Conservation the purity of stored liquids
- Removal of undesired gases
- Can be used in storage tank farms
- Can be used undesired damp

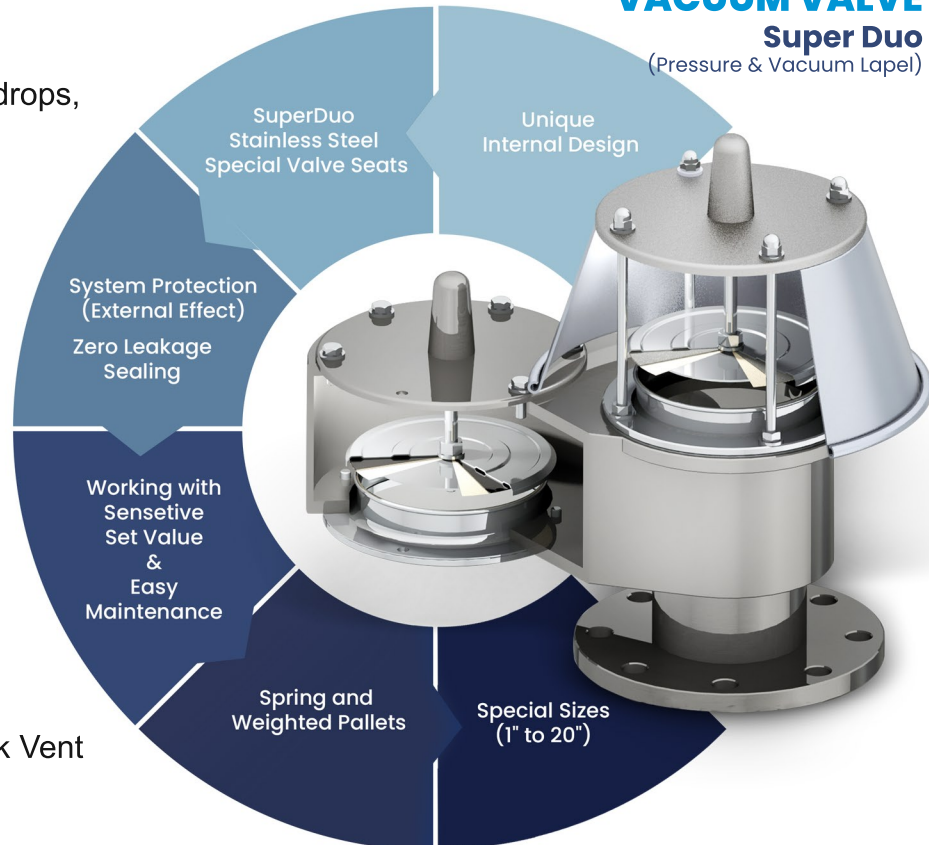


Storagetech™ Storage Tank Vent Air Dryers has been developed to effectively remove humidity from inside the storage tank to prevent risk of damages by the humidity which may reduce the quality of the stored material or make the material completely useless.

## Technical Details:

- Developed to work with low pressure drops,
- Prevents absorption of steam by a material in a storage tank,
- Can be equipped with; Storagetech™ Pressure & Vacuum Relieve Valve,
- Material can be specified following; AI / CS/ SS 304 / SS 316 and other higher grades,
- Flange Connections are according to ASME / DIN/ JIS etc.
- Easy installation and maintenance,
- Easiness with renewal of Storage Tank Vent Dryer ISG filter.

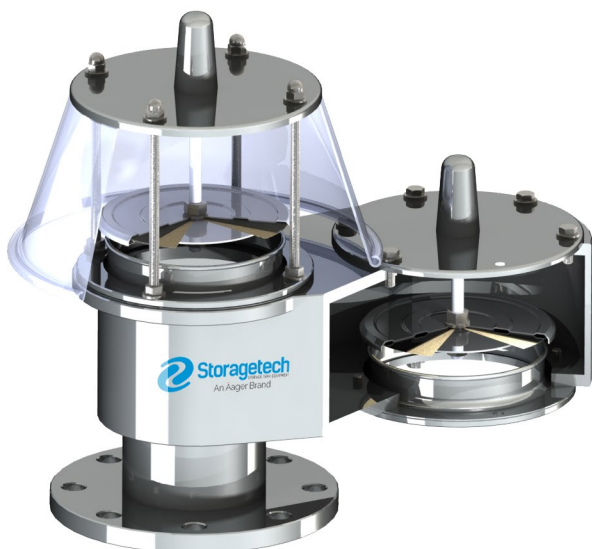
## **PRESSURE VACUUM VALVE Super Duo** (Pressure & Vacuum Lapel)



## Model 1300 Storage Tank Vent Air Dryers

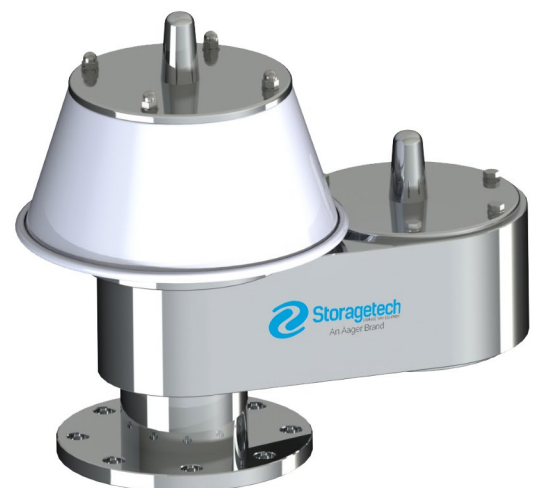
Storagetech™ Vent Air Dryers Model 1300 prevents humidity from entering air storage tanks. It reduces the corrosion ability of the stored products, also protects pumps and pipelines from corrosion with condensed water vapor and controls the rust corrosion at the air gap part of all storage tanks.

Storagetech™ Vent Air Dryers is 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. Most Storage Tank Vent Air Dryers are installed outside, it is suggested that they be put on non-solar side of tanks and protect from direct solar beams for working with lower temperature.



Since humidity is a pollutant for any product stored in the tank, the reduction of this humidity content by the tank vent dryers can only increase the service life of the tank tank and the purity of the stored products. This is why Storage Tank Vent Air Dryers is a must for all storage tanks.

Storage Tank Vent Air Dryers ISG filters – (Indicator Silica gel) can adsorb humidity up to 30% of its weight and the desiccant colour change from orange to green. This is a key point that the desiccant is saturated and need to be replaced and has high adsorption efficiency at high temperatures. Color change can be easily observed from the sight glass and Storage Tank Vent Air Dryers ISG filters are easily replaceable. The product that we use in the filter is environmentally friendly because it does not contain Cobalt II Chloride.



# Storagetechnic™ VENT AIR DRYERS

## FEATURES :

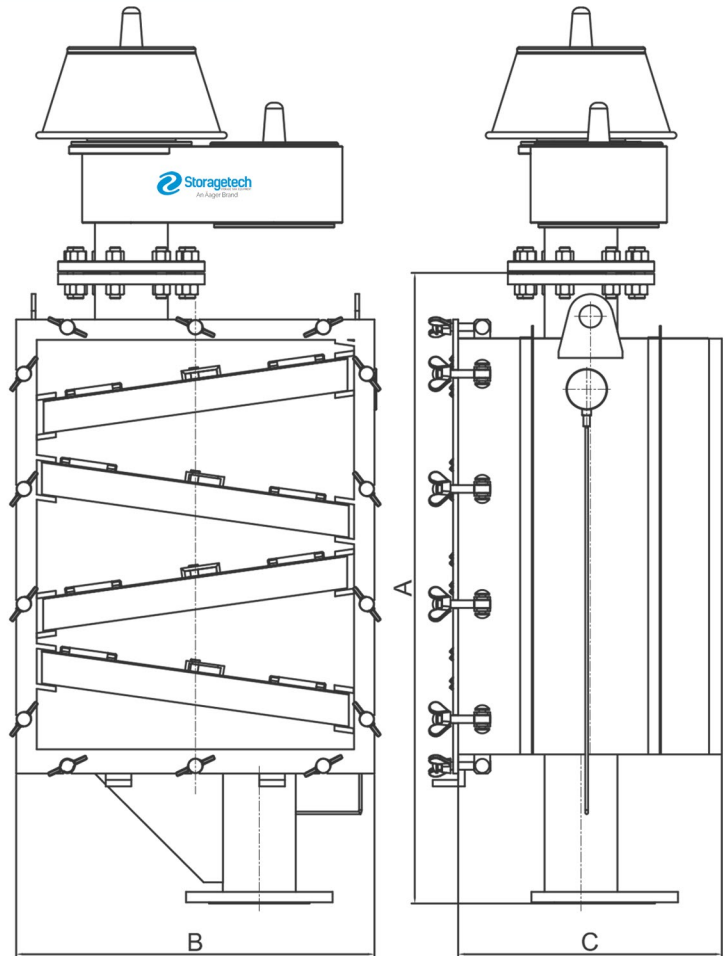
- Prevents humidity
- Remove corrosion effects
- Color change can be observed with sight glass
- Low pressure drop
- Easy filter change
- Easy maintenance

## 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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