

Specialty Breathers – Tank Breathers

High volume storage protection

Overview

- Large PVC tank breathers protect chemicals in storage or process tanks
- Handles extreme temperatures and weather conditions
- Accommodates airflow rates up to 900 cfm
- Bi-directional airflow
- Multi-tiered filtration process
- Water vapor adsorbent
- Sight glass indicator for easy system monitoring
- Rebuildable



Tank Unit Adapters

A flange or field adapter is included with the purchase of a tank breather.



DC-6-2-18 DC-14-4-36 DC-6-2-12
(not shown 10-2-18, 10-3-30, 14-3-30, 18-4-36, 18-6-44)

TANK BREATHERS

Model Number	DC-6-2-12	DC-6-2-18	DC-10-2-18	DC-10-3-30	DC-14-3-30	DC-14-4-36	DC-18-4-36	DC-18-6-44
Unit Height (in./cm)	12/30.5	18/45.7	18/45.7	30/76.2	30/76.2	36/91.4	36/91.4	44/111.8
Unit Diameter (in./cm)	6/5.2	6/15.2	10/25.4	10/25.4	14/35.6	14/35.6	18/45.7	18/45.7
Filtration Area (in ² /cm ²)	47.7/307.7	47.7/307.7	148.2/956.3	137.8/889.3	288.6/1862.1	276.1/1781.1	477.1/3078.2	440/2838.7
Amount of Silica gel (lbs./kg)	6	9	27	40	90	97	195	208
Adsorption Capacity (pints)	1.8	3.8	8.8	15.2	32	37.8	62.4	69.6
Max. Flow Rate (cfm)	100 @ 1 PSID	100 @ 1 PSID	100 @ 1 PSID	250 @ 1 PSID	250 @ 1 PSID	500 @ 1 PSID	500 @ 1 PSID	900 @ 1 PSID
Filtration (μ absolute)	3	3	3	3	3	3	3	3
Op. Temp. Range (°C)	-28.9 to 121	-28.9 to 121	-28.9 to 121	-28.9 to 121	-28.9 to 121	-28.9 to 121	-28.9 to 121	-28.9 to 121
Hydrophilic Agent	Silica Gel	Silica Gel	Silica Gel	Silica Gel	Silica Gel	Silica Gel	Silica Gel	Silica Gel
Connection Size (NPT)	2"	2"	2"	3"	3"	4"	4"	6"

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