



REBUILDABLE STEEL BREATHERS

For High Flow Applications

This breather unit replaces the standard dust cap or OEM breather cap on equipment. As air is drawn into equipment through the breather, the pleated filter element removes solid particulate while the desiccant extracts moisture. While in service or during shutdown, the desiccant beads attract moisture from inside the equipment reservoir, actively drying the equipment.



FEATURES:

- Carbon or Stainless Steel Housing
- Easy-to-Replace Desiccant Bags that Remove Moisture From Incoming Air
- Replaceable Filter that Removes Particles to 1 Micron Absolute ($\beta \geq 1000$)
- Eliminates Rust Forming Condensation
- Prevents Sludge Deposits and Water-Contaminated Fluid
- Reduces Wear and Tear on Equipment

CUSTOMIZATION OF MATERIAL:

Steel Housing	Carbon Steel 304 Stainless Steel, 316 Stainless Steel
Gasket/Seal Material	Baun-N*, Viton®, EPDM, SBR Rubber
Media	Silica Gel*, Activated Carbon Molecular Sieve, Activated Alumina
Filter Material	Mircoglass*, Polyurethane Filter Plastisol Filter

*Standard Component

APPLICATIONS:

- Diesel Tank Storage
- Bulk Storage
- Hydraulic Reservoir
- Chemical/Harsh Environments

SPECS

	DC RS-3	DC RS-5	DC RS-9	DC RS-15	DC RS-25	DC RS-50	DC RS-75	DC RS-100	DC RS-150	DC RS-200
Height (in/cm)	11.5/29.2	13.75/34.9	18.25/45.4	19.25/48.9	22.5/57.1	31.25/79.4	39.75/101	31/78.7	36.75/93.3	42.75/106.6
Width (in/cm)	10.1/25.7	10.1/25.7	10.1/25.7	15.5/39.4	15.5/39.4	15.5/39.4	15.5/39.4	23.5/59.7	23.5/59.7	23.5/59.7
Approx. Dry Weight (lbs./kg)	16/7.26	20/9.07	27/12.25	49/22.23	64/29.03	100/45.36	144/65.32	190.86/18	253/114.76	315/142.88
Amnt. of Desiccant (lbs./kg)	3/1.36	5/2.27	9/4.08	15/6.80	25/11.34	50/22.68	75/34.02	100/45.36	150/68.04	200/90.72
Max. Absorption Capacity (gal/L)	0.14/0.54	0.24/0.9	0.43/1.62	0.71/2.7	1.19/4.5	2.38/9	3.57/13.5	4.75/18	7.13/27	9.51/36
Max. Airflow Rate (lbs./kg)	85 @ 0.5psid	85 @ 0.5psid	80 @ 0.5psid	205 @ 0.5psid	140 @ 0.5psid	115 @ 0.5psid	80 @ 0.5psid	270 @ 0.5psid	250 @ 0.5psid	240 @ 0.5psid
Operating Temp.	-20-220 °F/-29-107 °F									
Connection Size	2"	2"	2"	3"	3"	3"	3"	4"	4"	4"
Body Material	Carbon steel, Polyurethane, Polypropylene, Microglass, Polycarbonate, Normex, Buna-N (silica gel as hydrophilic agent)									

*Desiccant Weight May Vary Up to 0.5lbs. for Easy Carrying



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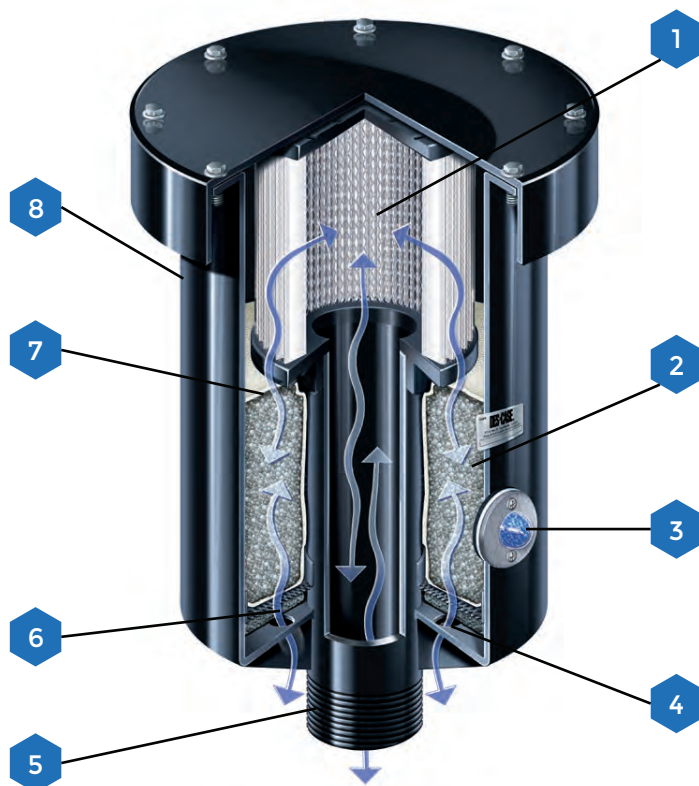
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REBUILDABLE STEEL BREATHERS

For High Flow Applications



1. Pleated Filter Element
2. Desiccant
3. Outside Sight Glass Indicator
4. Air Vents
5. Integrated Standpipe
6. Foam Pad
7. Easy-to-Replace Desiccant Bag
8. Rugged Housing

REBUILD PARTS AND ACCESSORIES:

Model #	Description
DC-RS- X-RK	Rebuildable Steel Breather Kit
DC-RS- X-F1	Rebuildable Steel Breather Microglass Filter Elements
DC-RS- X-D1	Rebuildable Steel Breather Desiccant Bag Sets
DC-RS- X-SG1	Rebuildable Steel Breather Sight Glass Cartridges
DC-RS- X-P1	Rebuildable Steel Breather Foam Pad Inserts
DC-RS- X-G1	Rebuildable Steel Breather Gasket Seals

*For part codes containing "X" substitute the appropriate "RS" model number
(For example: The part code for a sight glass cartridge for the DC-RS-150 would be DC-RS-150-SG1)

*Pressure/release valve on any tank or storage system is recommended

*Desiccant bags for units above RS-25 are packaged in 25lb. increments for easy handling

REBUILD KIT COMPONENTS:

- Replacement Filter Element: Pleated filter element captures airborne contamination to 1-micron absolute.
- Desiccant Bag Filter: Polypropylene bag has handles for easy removal and replacement.
- Sight Glass Indicator: Silica gel changes color from blue to pink when the unit requires rebuilding.



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