



Desiccant Breathers

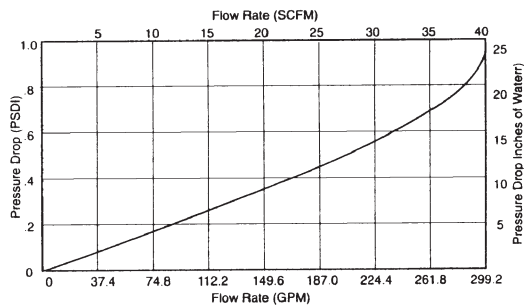
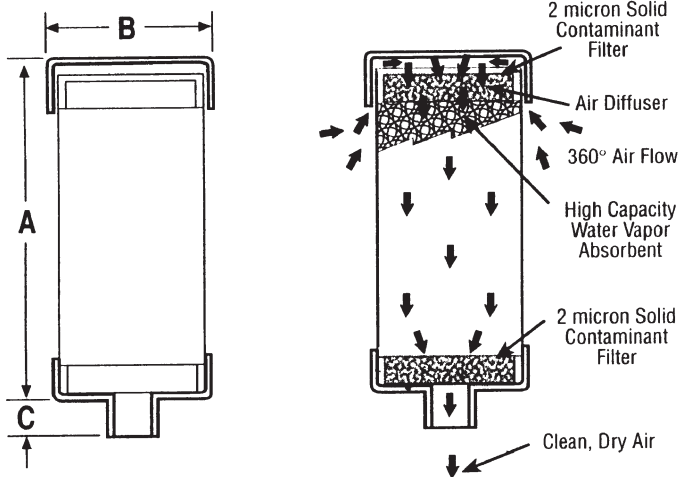
Model DB

Specifications

- Construction: ABS plastic & impact-modified acrylic
- Removes corrosive water vapor
- Operating temp. range: -20°F to +200°F (-28°C to +93°C)
- Four standard sizes (3" to 10")
- Bi-directional air flow
- Silica gel turns from gold to green when maximum absorption is reached
- Dual filter system with anti-static guard
- Solid contaminant filtration surface area 20.6 in² (133 cm²)
- Silica gel absorbs up to 40% of its weight in water
- Resistant to alkalis, hydrocarbons, non-oxidizing acids, salt water, and synthetic oils

Option

- Activated charcoal media (consult factory)
- 5 PSI Maximum Operating Pressure



MODEL	SILICA GEL LBS (KG)
DB-03	.8 (.04)
DB-05	1.4 (0.6)
DB-08	2.7 (1.2)
DB-10	3.5 (1.6)

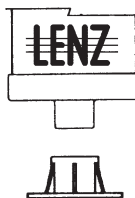
Dimensional Detail

Model No.	Breather Connector	Micron Rating	Capacities		Max. H ₂ O Capacity		A		B		C	
			CFM	GPM	Fl. oz.	Cup	in.	cm.	in.	cm.	in.	cm.
DB-03	1 5/16" O.D. Tube	2	35	262	3.1	.4	3.5"	9.0	5"	12.8	1.25"	3.2
DB-05	1 5/16" O.D. Tube	2	35	262	6.2	.8	5.0"	12.8	5"	12.8	1.25"	3.2
DB-08	1 5/16" O.D. Tube	2	35	262	13.9	1.7	8.0"	20.5	5"	12.8	1.25"	3.2
DB-10	2" NPT	2	100	750	18.5	2.3	10.0"	25.4	5"	12.8	1.6"	4.1

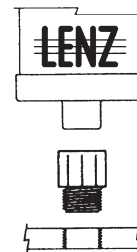
Note: Connector for sizes 3, 5 and 8 1 5/16" O.D. tube is designed to interface fit with an adapter on new installations – adapters need not be replaced.
Hex diameter on DB-10 is 2.56"

Model No.	Description
DB-BA	Bayonet adapter
DB-C1	1"-12 UNF female to female coupling
DB-C2	1 1/2"-16 UNF female to female coupling
DB-FA	Flange adapter
DB-R1	1" NPT pipe thread reducer
DB-R2	3/4" NPT pipe thread reducer
DB-R3	1/2" NPT pipe thread reducer

DB-FA
Flange
Adapter



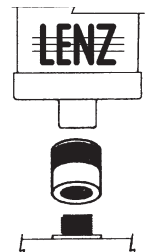
DB-R1, R2, R3
Threaded
Adapter



DB-BA
Bayonet
Adapter



DB-C1, C2
Spin-on
Adapter



See Technical Bulletin TB.TA07.708 for further information at (Technical Data - www.lenzinc.com).