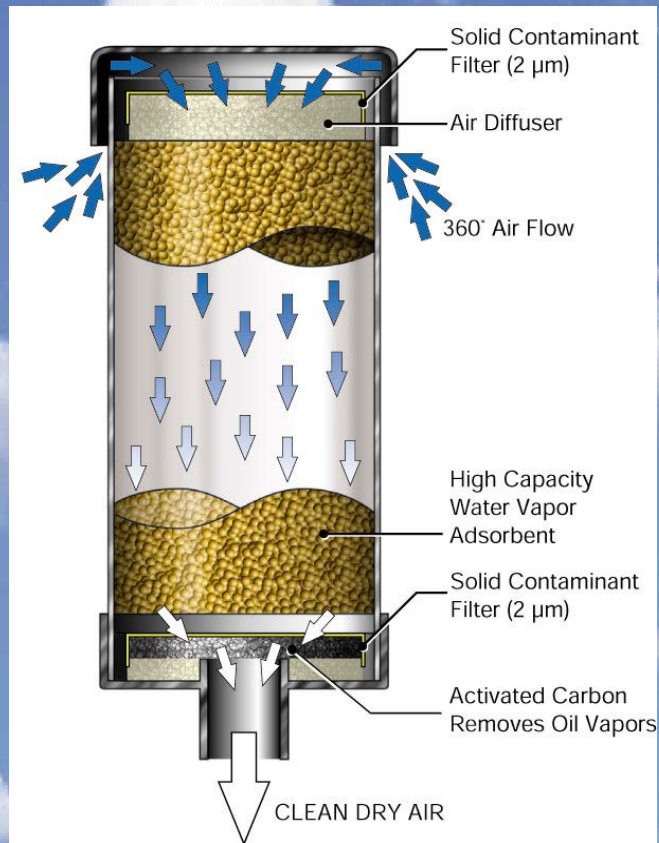


AIR SENTRY®

Contamination Control Breather Technical Specifications



AIR SENTRY® CONTAMINATION CONTROL BREATHERS

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Standard Disposable Breathers (D-Series)

All Units have a 1" Friction Fit except Models D-108, D-208, and D-308, which have a 2" MNPT Connection; and Model D-109, which has a 3" MNPT Connection.

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Type Of Medium
D-100	3.5	5	1.5	3.1/0.4	35	262	2 Micron Filter/Silica Gel
D-101	5	5	2.2	6.2/0.8	35	262	2 Micron Filter/Silica Gel
D-102	8	5	3.6	13.9/1.7	35	262	2 Micron Filter/Silica Gel
D-108	10	5	4.8	18.5/2.3	100	750	2 Micron Filter/Silica Gel
D-109	14	6	6.1	18.5/2.3	250	1875	2 Micron Filter/Silica Gel
D-200	3.5	5	1	N/A	15	112	2 Micron Filter/Activated Carbon
D-201	5	5	1.8	N/A	15	112	2 Micron Filter/Activated Carbon
D-202	8	5	2.6	N/A	15	112	2 Micron Filter/Activated Carbon
D-208	10	5	3.8	N/A	50	375	2 Micron Filter/Activated Carbon
D-301	5	5	2	4.4/0.6	20	150	2 Micron Filter/Activated Carbon/Silica Gel
D-302	8	5	3	9.0/1.2	20	150	2 Micron Filter/Activated Carbon/Silica Gel
D-308	10	5	4.3	13.8/1.6	50	375	2 Micron Filter/Activated Carbon/Silica Gel

Mini Disposable Breathers (Z-Series)

All Units have a ½" Female NPT Connection

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Type Of Medium
Z-131	2	2	0.15	0.5/0.06	10	75	2 Micron Filter/Silica Gel
Z-132	3.25	2	0.2	0.9/0.12	10	75	2 Micron Filter/Silica Gel
Z-133	2	3.25	0.5	1.6/0.2	10	75	2 Micron Filter/Silica Gel
Z-134	3.25	3.25	0.8	2.8/0.35	10	75	2 Micron Filter/Silica Gel
Z-231	2	2	0.13	N/A	3	22	2 Micron Filter/Activated Carbon
Z-232	3.25	2	0.18	N/A	3	22	2 Micron Filter/Activated Carbon
Z-233	2	3.25	0.3	N/A	3	22	2 Micron Filter/Activated Carbon
Z-234	3.25	3.25	0.4	N/A	3	22	2 Micron Filter/Activated Carbon

Inline Filter/Dryers (L-Series)

All Units have a ½" Female NPT Connection at each end

All Inline Filter/Dryers are rated for 60 psi

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Type Of Medium
L-141	5.5	2	0.4	1.1/0.13	10	75	2 Micron Filter/Silica Gel
L-142	8.5	2	0.6	1.8/0.23	10	75	2 Micron Filter/Silica Gel
L-143	5.5	3.25	1.2	2.0/0.25	10	75	2 Micron Filter/Silica Gel
L-144	8.5	3.25	1.8	6.5/0.81	10	75	2 Micron Filter/Silica Gel
L-241	5.5	2	0.25	N/A	3	22	2 Micron Filter/Activated Carbon
L-242	8.5	2	0.28	N/A	3	22	2 Micron Filter/Activated Carbon
L-243	5.5	3.24	0.5	N/A	3	22	2 Micron Filter/Activated Carbon
L-244	8.5	3.24	0.8	N/A	3	22	2 Micron Filter/Activated Carbon

Steel Breathers (M-Series)

All Steel Units are Available with Activated Carbon for Fume and Odor Control

See Steel Breather Sales Brochure for Replacement Parts

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Connection Size	Type Of Medium
M-103	6.6	10	8.4	12/1.5	35	262	1" MNPT	2 Micron Filter/Silica Gel
M-104	6.6	10	9	12/1.5	120	900	2" MNPT	2 Micron Filter/Silica Gel
M-105	12	10	14	26/3.2	35	2262	1" MNPT	2 Micron Filter/Silica Gel
M-106	12	10	16	26/3.2	120	900	2" MNPT	2 Micron Filter/Silica Gel
M-107	13.5	16	41.5	128/ 1 gallon	300	2250	3" MNPT	2 Micron Filter/Silica Gel

Shock-Resistant Breathers (R-Series)

All Units have 1" MNPT except Models R-111, which has 1 1/8"-16 Female Threads, and R-123, which has 2" MNPT

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Type Of Medium
R-100	5	5.2	2.5	3.1/0.4	35	262	2 Micron Filter/Silica Gel
R-101	6.5	5.2	3.2	6.2/0.8	35	262	2 Micron Filter/Silica Gel
R-102	9.5	5.2	4.5	13.9/1.7	35	262	2 Micron Filter/Silica Gel
R-111	6	5.2	2.8	6.2/0.8	35	262	2 Micron Filter/Silica Gel
R-123	12	5.2	5.5	18.5/2.3	100	750	2 Micron Filter/Silica Gel
R-200	5	5.2	2.2	N/A	15	112	2 Micron Filter/Activated Carbon
R-201	6.5	5.2	2.5	N/A	15	112	2 Micron Filter/Activated Carbon
R-202	9.5	5.2	3.4	N/A	15	112	2 Micron Filter/Activated Carbon
R-223	12	5.2	3.8	N/A	50	375	2 Micron Filter/Activated Carbon

Replacement Cartridges for R-Series Breathers

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Replacement for Model	Type Of Medium
A-300	3.75	5	1.8	3.1/0.4	35	262	R-100	2 Micron Filter/Silica Gel
A-301	5	5	2	6.2/0.4	35	262	R-101 or R-111	2 Micron Filter/Silica Gel
A-302	8	5	3.3	13.9/1.7	35	262	R-102	2 Micron Filter/Silica Gel
A-323	10	5	4.6	18.5/2.3	100	750	R-123	2 Micron Filter/Silica Gel
A-303	3.75	5	1.2	N/A	15	112	R-200	2 Micron Filter/Activated Carbon
A-304	5	5	1.5	N/A	15	112	R-201	2 Micron Filter/Activated Carbon
A-305	8	5	2.4	N/A	15	112	R-202	2 Micron Filter/Activated Carbon
A-324	10	5	2.9	N/A	50	375	R-223	2 Micron Filter/Activated Carbon

Breathers For Very High Humidity Conditions (X-Series)

Models X-101 and X-102 are 1" Friction Fit; Models X-121 and X-122 are 2" MNPT

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Type Of Medium
X-101	7	5	3.3	6.2/0.8	35	262	2 Micron Filter/Silica Gel
X-102	10	5	4.8	13.9/1.7	35	262	2 Micron Filter/Silica Gel
X-121	7	5	3.3	6.2/0.8	35	262	2 Micron Filter/Silica Gel
X-122	10	5	5	13.9/1.7	35	262	2 Micron Filter/Silica Gel

Replacement Cartridges for X-Series Breathers

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Replacement for Model	Type Of Medium
A-341	8.5	5	2.3	6.2/0.8	35	262	X-101	2 Micron Filter/Silica Gel
A-342	9	5	3.6	13.9/1.7	35	262	X-102	2 Micron Filter/Silica Gel
A-343	8.5	5	2.4	6.2/0.8	35	262	X-121	2 Micron Filter/Silica Gel
A-344	9	5	3.7	13.9/1.7	35	262	X-122	2 Micron Filter/Silica Gel

Gas Neutralization System Breathers (F-Series)

All Units have a Spark and Flame Arrestor; All Units are 1" Friction Fit

Model	Height (inches)	Diameter (inches)	Weight (lbs)	Water Capacity (fl.oz/cups)	CFM Rating	GPM Rating	Type Of Medium
F-302	9.25	5	3.4	10.3/1.3	5	38	2 Micron Filter/Silica Gel/Activated Carbon
F-309	17.25	5	7.1	22.3/2.8	5	38	2 Micron Filter/Silica Gel/Activated Carbon