

# M-Series

## Heavy Duty Applications

**M-Series** breathers are designed from heavy duty materials capable of handling the requirements of the most severe environments. They replace the standard breather cap or vent tube on tanks and reservoirs. Pipe threads on the bottom standpipe make the units easy to install.

All M-Series designs have 2 micron pleated filters and silica gel bags that are easily replaced.

The M-Series design features our proprietary Splash Sentry®. This device is included in all M-Series models and prevents foaming or splashing fluids from entering the breather during normal operating conditions.



Typical applications include:

- HEAVY DUTY OFF-ROAD EQUIPMENT
- MOBILE EQUIPMENT



### CASE STUDY

*Due to poor oil cleanliness, a manufacturing operation had to change gearbox oil annually. They were using a standard air filter on all gearboxes. After switching to Air Sentry® M-107 breather they were able to more than double the life of the gear oil, resulting in a savings of nearly \$4,000 per year per gearbox.*

### Sizing Information

Model	Height in. (cm)	Diameter in. (cm)	Mounting Connection	Weight lbs. (kg)	Water Capacity fl.oz (mL)	Maximum Air Flow cfm	Maximum Reservoir Fluid Flow gpm	Type of Medium
M-103	6.6 (16.8)	10 (25.4)	1 inch male NPT	8.4 (3.8)	12 (355)	35	262	100% Silica Gel
M-104	6.6 (16.8)	10 (25.4)	2 inch male NPT	9 (4.1)	12 (355)	120	900	100% Silica Gel
M-105	12 (30.5)	10 (25.4)	1 inch male NPT	14 (6.4)	26 (770)	35	262	100% Silica Gel
M-106	12 (30.5)	10 (25.4)	2 inch male NPT	16 (7.3)	26 (770)	120	900	100% Silica Gel
M-107	13.5 (34.3)	16 (40.6)	3 inch male NPT	41.5 (18.9)	128 (3785)	300	2250	100% Silica Gel
M-203	6.6 (16.8)	10 (25.4)	1 inch male NPT	7.4 (3.4)	—	15	112	100% Activated Carbon
M-204	6.6 (16.8)	10 (25.4)	1 inch male NPT	8 (3.6)	—	15	112	100% Activated Carbon
M-205	12 (30.5)	10 (25.4)	1 inch male NPT	12 (5.5)	—	15	112	100% Activated Carbon
M-206	12 (30.5)	10 (25.4)	2 inch male NPT	14 (6.4)	—	50	375	100% Activated Carbon

### Replacement Filters and Gel

Model Number	Replacement Silica Gel Bag #	Weight of Silica Gel Bag lbs. (kg)	Replacement Activated Carbon Bag #	Weight of Activated Carbon Bag lbs. (kg)	Replacement Polyester Pleated Filter #	Filter Weight lbs. (kg)
M-103	095A201	3.0 (1.4)	—	—	095A204	2.0 (0.9)
M-104	095A201	3.0 (1.4)	—	—	095A204	2.0 (0.9)
M-105	095A202	4.0 (1.8)	—	—	095A205	3.0 (1.4)
M-106	095A202	4.0 (1.8)	—	—	095A205	3.0 (1.4)
M-107	095A203	18.0 (8.2)	—	—	095A206	5.0 (2.3)
M-203	—	—	095A207	2.0 (0.9)	095A204	2.0 (0.9)
M-204	—	—	095A207	2.0 (0.9)	095A204	2.0 (0.9)
M-205	—	—	095A208	3.0 (1.4)	095A205	3.0 (1.4)
M-206	—	—	095A208	3.0 (1.4)	095A205	3.0 (1.4)