AIR SENTRY X-SERIES

X-Series Breathers are the perfect solution for high humidity and high dust environments. To extend the desiccant's life, the X-Series incorporates two check valves and a reusable top cap. The check valves provide a closed system until airflow is required, extending the service life of the desiccant. Specifically, the intake check valve allows airflow into the breather only when differential pressure between the atmosphere and fluid reservoir exceeds a 0.1-psi threshold, while the exhaust check valve permits air to exit the reservoir when the differential pressure exceeds a 2.0-psi threshold. A 0.1-psi check valve is also available for exhaust. When the gold silica gel cartridge turns dark green, simply install a new replacement cartridge to keep things moving.

Applications - High Humidity / High Dust Applications - Paper Mills • Wash-Down Areas • Steam-Cleaning Rooms • Mine Quarries

SPECIFICATIONS

Model	Check Valve PSI in/out	Height Inches (cm)	Diameter	Mounting Connector	Silica Gel lbs (kg)	Max Absorbtion Capacity FL Ounces (ml)	Max Air Flow	Max Reservoir Fluid Flow	Type of Medium
X-50	0.3 / 0.3	5 (12.7)	3 (7.6)	1/2" FNPT	0.6 (0.27)	3.68 (109)	10 cfm	75 gpm	100% Silica Gel
X-100	0.3 / 0.3	6.25 (15.9)	3.25 (8.3)	1/2" FNPT	0.8 (0.4)	4.91 (145)	10 cfm	75 gpm	100% Silica Gel
X-501	0.1 / 0.1	7 (17.8)	5 (12.7)	1" slip fit	1.4 (0.6)	8.6 (254)	20 cfm	150 gpm	100% Silica Gel
X-502	0.1 / 0.1	10 (25.4)	5 (12.7)	1" slip fit	2.7 (1.2)	16.56 (489)	20 cfm	150 gpm	100% Silica Gel
X-503	0.1 / 0.1	7 (17.8)	5 (12.7)	1" MNPT	1.4 (0.6)	8.6 (254)	20 cfm	150 gpm	100% Silica Gel
X-505	0.1 / 0.1	10 (25.4)	5 (12.7)	1" MNPT	2.7 (1.2)	16.56 (489)	20 cfm	150 gpm	100% Silica Gel
X-521	0.1 / 0.1	7 (17.8)	5 (12.7)	2" MNPT	1.4 (0.6)	8.6 (254)	20 cfm	150 gpm	100% Silica Gel
X-522	0.1 / 0.1	10 (25.4)	5 (12.7)	2" MNPT	2.7 (1.2)	16.56 (489)	20 cfm	150 gpm	100% Silica Gel