



Better Air is Our Business®



American Air Filter®

SAAFShield™

Features and Benefits

AAF SAAFShield™ Reactivity Monitor Technology allows users to take immediate action to protect expensive electronics by monitoring corrosion in real time or on a periodic basis to determine equipment or material vulnerability to corrosion.



Product Features	Customer Benefits	SAAFShield™ Detecting Unit	SAAFShield™ Reading Unit
Dynamic Compensating Technology (patent pending) removes effects of noncorrosive environmental factors, such as humidity and temperature	<ul style="list-style-type: none"> Stable corrosion readings Typically 20% in accuracy of corrosion readings under ambient conditions 	✓	✓
Instant web-based report generation (SAAFShield Report) indicating corrosion rates	<ul style="list-style-type: none"> Clear and simplified interpretation of data Maintain historical information of your site 		✓
Multiple operational modes	<ul style="list-style-type: none"> Allows a single SAAFShield Reading Unit to link with multiple SAAFShield Detecting Units Allows the SAAFShield Reading Unit to link with the SAAFShield Detecting Unit for continuous monitoring 	✓	✓
On-screen graphical plot of corrosion information	<ul style="list-style-type: none"> Real-time, short-span monitoring of the environment's corrosiveness Graphics allow immediate corrective action to protect expensive electronics 		✓
Standards based reporting	<ul style="list-style-type: none"> Provides air quality classifications (G- or S-class) based on ISA standards Simplifies determination of equipment and material vulnerability to corrosion 	✓	✓
Quartz Crystal Microbalance (QCM) based corrosion monitoring provides increased sensitivity	<ul style="list-style-type: none"> Instrument resolution within 1Å/24 hrs Accuracy within ±0.5% of full-scale Equivalence to sensitivity of 20 nanogram mass change on sensor accuracy Extended service life of 4000Å (min. service life of 13 months in G1 environment for copper) 	✓	✓



10300 Ormsby Park Place Suite 600
Louisville, Kentucky 40223-6169

www.aafintl.com
Customer Service 888.AAF.2003
Fax 888.223.6500



AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

ISO Certified Firm

©2011 AAF International
The USGBC Member logo and LEED® are trademarks owned by the U.S. Green Building Council and are used by permission.