

## Energy Management System

AMLOC®

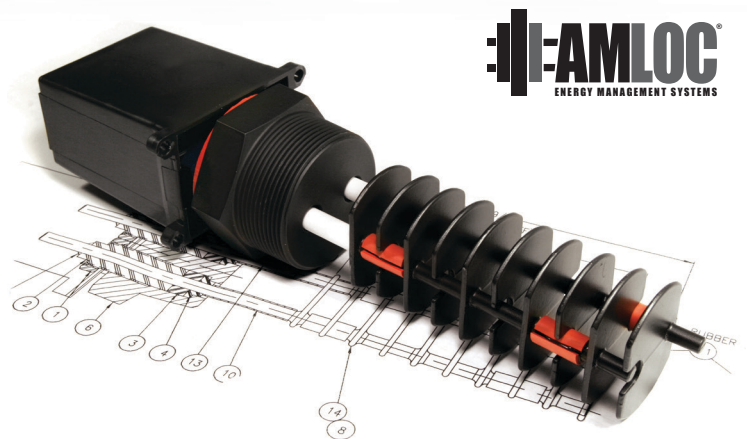
### AMLOC® EMS Legendary Performance

#### Control the Bottom Line

Month after month, the cost of electric power detracts from profitability. Air system audits prove it is rare to find a dryer that operates consistently under full-load conditions and expose a myriad of operations that can be optimized to reduce electrical consumption. As a pioneer in energy management, AMLOC® systems have automatically slashed regeneration costs for decades by matching energy use to real-time water load. Extended regeneration cycles prolong service life through reduced wear and tear on components. That is why all Legendary class desiccant dryers deploy AMLOC® automatic moisture load control systems as standard equipment. Specify AMLOC® to manage your desiccant regeneration functions and improve your bottom line

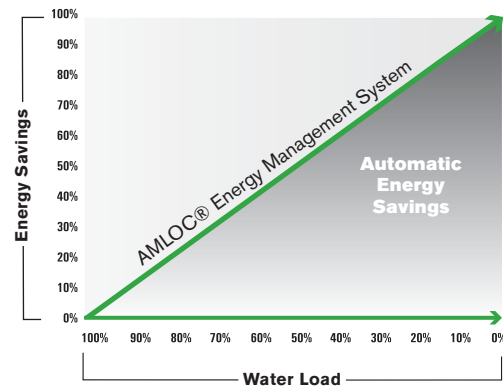
#### SENSORY PERCEPTION

Off-the-shelf moisture sensors are notorious for being plagued with "drift" and needed regular recalibration. This was unacceptable, so we focused on reliability and engineered our own. AMLOC® Energy Management Systems maintain accuracy, dew point stability and never need recalibration. Patented one quarter century ago, AMLOC® generates tens-of-thousands of dollars in energy saving annuities for industry leaders. The model of durability as demonstrated by our lifetime warranty, our PTFE or ceramic coated, stainless steel capacitance probes sense the changes to the dielectric constant imparted upon the desiccant by the extracted water vapor. Capable of identifying an aging or fouled bed, desiccant regeneration cycles are managed with precision.



#### LIFETIME AMLOC® PROBE WARRANTY

SPX FLOW warrants that the AMLOC® probe, having been engineered specifically for industrial compressed air and gas service, will maintain accuracy of calibration and, durability against defects in materials and workmanship, for the life of the dryer.



# Get a Bead on Best Performance

Only our Legendary class dryers benefit from premium grade, DE-4 Activated Alumina. Strict quality control ensures that perfect, spherical 4mm beads are supplied with our finest dryers. Once layered, each moisture hungry DE-4 bead meshes to produce a matrix of large, consistent flow paths. This prevents channeling and produces the lowest bed pressure drop design in the industry. Systematic synergy is created as DE-4 premium grade desiccant and superior AMLOC® capacitance probe sensing technology combine to produce unparalleled energy efficiency and best performance.



Premium Grade DE-4 Activated Alumina



Industrial Grade Activated Alumina

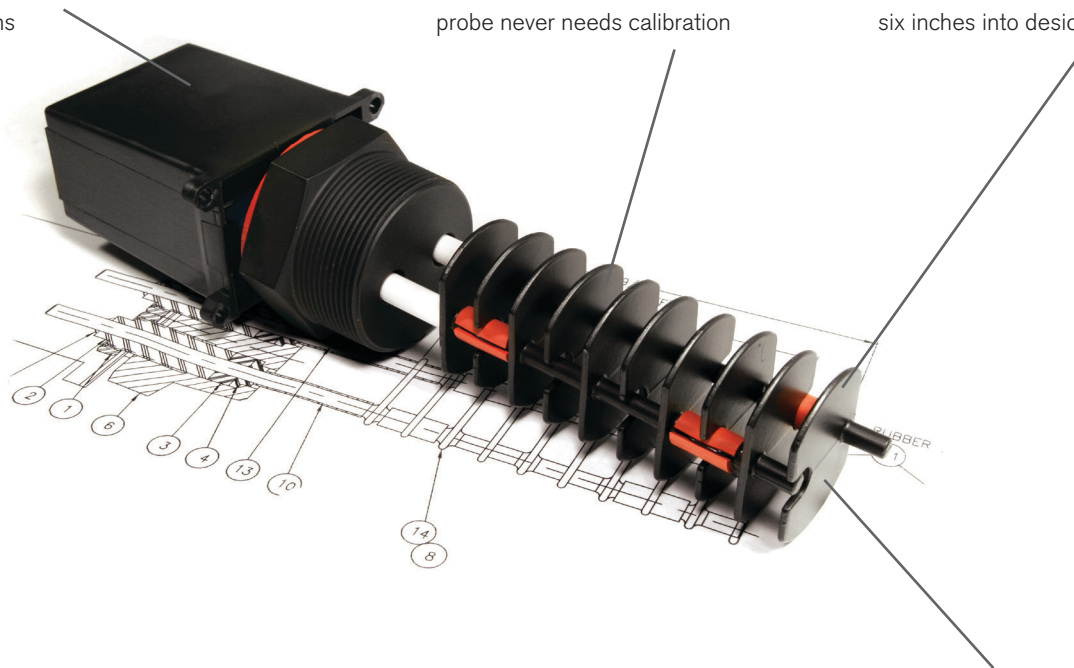
## Only AMLOC® uses the Desiccant Bed to Sense the Actual Moisture Content of the Desiccant

This is the most durable and reliable sensing probe in the industry – period.

Integral electronics interprets and relays real time bed conditions

Precision Engineered capacitance probe never needs calibration

Rugged design extends over six inches into desiccant bed



PTFE or ceramic coated, stainless steel sensory plates for accuracy and long life

# SPXFLOW

SPX FLOW Inc. | 4647 SW 40th Avenue | Ocala, Florida 34474-5788 U.S.A.

P: (352) 873-5793 F: (352) 873-5770 E: [ppc.americas@spxflow.com](mailto:ppc.americas@spxflow.com)

[www.spxflow.com/pneumatic-products](http://www.spxflow.com/pneumatic-products)

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