

# ABOVEGREEN

LOWER COST, HIGH QUALITY, LEED CERTIFICATION

February 9, 2009

To Whom It May Concern:

This letter is to verify that the **MSP Technology's** dehumidification systems can help project teams achieve **LEED® Certification**. The nature of these systems makes them of a high environmental quality.

- MSP dehumidification systems *always* help projects qualify for LEED **Energy and Atmosphere Credit 1, Optimize Energy Performance**. This technology could earn from 1 to 10 points by making buildings up to 50% more efficient than if they were to use standard units. *MSP Technology has software that may be used to explicitly prove energy performance values.*
- The thermal comfort resulting from using MSP Technology systems contributes toward LEED **Indoor Environmental Quality Credits 7.1 and 7.2, Thermal Comfort Design and Verification**.
- MSP dehumidification systems may be used to qualify for LEED **Water Efficiency Credits 1.1 and 1.2, Water Efficient Landscaping**. Project teams can use the water condensation from runoff for landscape irrigation purposes. *Using this technology thus saves on water costs over time.*
- The water condensation from runoff may also qualify project teams for LEED **Water Efficiency Credit 2, Innovative Wastewater Technologies** if the condensation is used for building sewage conveyance purposes (i.e. used to flush urinals or water closets).
- With this given, **MSP Technology products always qualify toward 1 – 15 LEED points.**

This product has been reviewed by a third party **LEED Accredited Professional**. If you have any inquiries about how this product qualifies for LEED Certification Credits then please feel free to contact us. *Further details about the green features of the MSP system are listed on page two of this brochure.*

Thank You and My Best,

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## GREEN FEATURES OF THE MSP TECHNOLOGY DEHUMIDIFICATION SYSTEMS

### PRODUCT OVERVIEW BY A THIRD PARTY LEED® ACCREDITED PROFESSIONAL

*T*he MSP Technology's dehumidification system is a high efficiency and intelligent product. This system is extremely cost effective, particularly in humid climate zones and where hours of operation are long (such as in hotels, public housing, laboratories, factories, cleans rooms and hospitals). This system uses an *internal air-to-air heat exchanger* to regulate the temperature of dehumidified air; this minimizes the amount of energy needed to operate the system and thus greatly reduces energy costs. Since this system has an internal heat exchanger, it can be driven with chilled water. This feature is especially useful in cities, metropolitan areas and campuses where central chiller plants are common.

The Electronically Commutated (EC) fan motors used to run this high efficiency system are on the cutting-edge. These motors are a quantum leap in fan performance because high efficiency is maintained throughout the range of fan speeds. EC motors have "built-in" speed control. Heat producing VFD's are not necessary – and this translates into more energy savings.

On top of these benefits, it is well known in the green building industry that humidity can cause major problems. In humid climates, moisture can build up on the surfaces of rooms, and even penetrate to the interior walls. This may cause mold problems and lead to health problems for building occupants *and* maintenance issues over time. Given this, the MSP Technology's dehumidification system is a long-term, practical, sustainable choice; not only will you be reducing energy costs but you will also be protecting your building materials and protecting your building occupants.

**The triple bottom line** is that the MSP Technology dehumidification systems excel in providing:

- ✓ **Extraordinary energy savings** (as much as 50% more efficient than other systems);
- ✓ **Occupant comfort** (removing humidity is the key to a comfortable thermal environment) and;
- ✓ **Building maintenance savings over time** (less moisture means less mold and less maintenance).

*When you pair this triple bottom line with the environmental benefits of this product **LEED** wise, what you have is a superior dehumidification system. It's a win-win on many levels. Don't pass this one up!*

Vincent Bataoel, LEED AP

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<http://www.abovegreen.com>