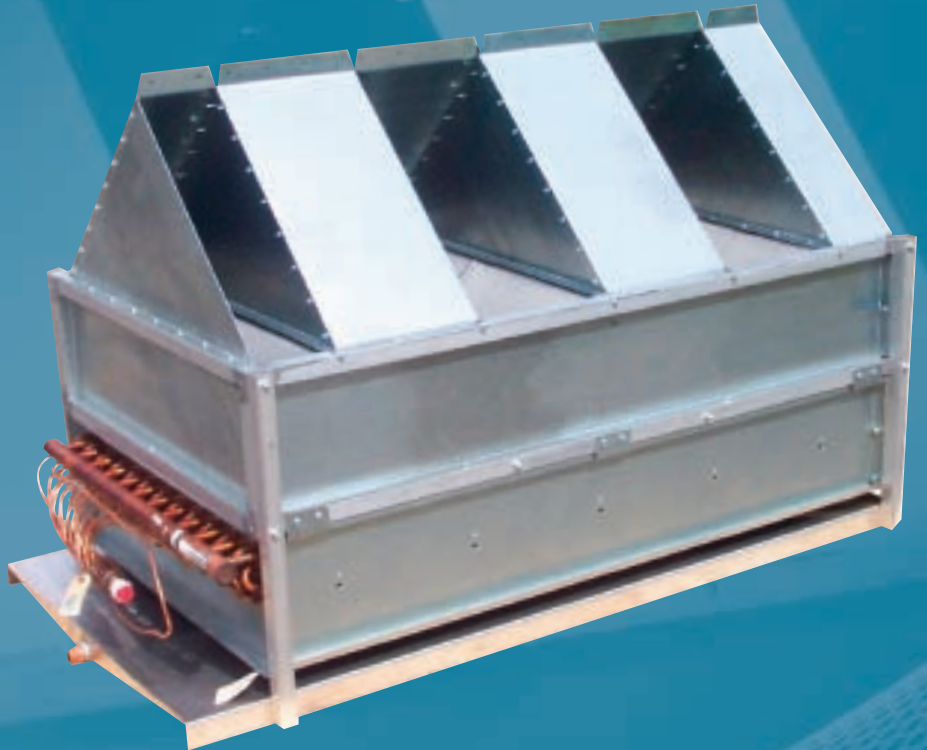


MSP TECHNOLOGY

THE NEXT GENERATION OF GREEN DEHUMIDIFICATION

SUPER-EFFICIENT BY DESIGN WITH GREEN₃™ TECHNOLOGY

REVOLUTIONARY
"WRAP-AROUND"
PLATE DEHUMIDIFIER.



MORE ADVANCED THAN HEAT PIPES AND LARGE PLATE HEAT EXCHANGERS

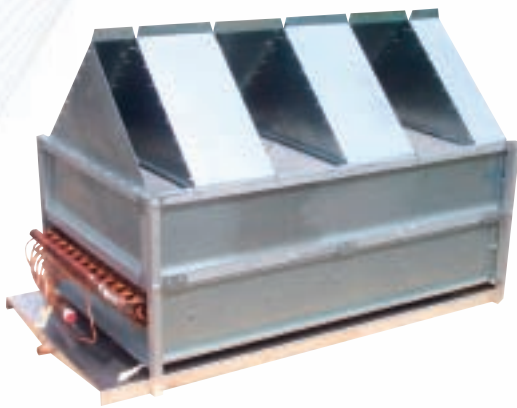
- Up to 50% Energy Savings
- Simplified Technology
- Increased Efficiency
- Low Maintenance
- No Moving Parts
- Easy to Install
- Free Reheat Energy
- Competitively Priced
- Superior Heat Transfer
- Pre-Engineered
- Compact Design
- Chilled Water or Refrigerant Models



SUPER-EFFICIENT DEHUMIDIFICATION BY DESIGN

MSP® Technology's patented heat exchangers and dehumidifying coils are designed specifically for simple application into air handling systems. They are the simplest, most cost-effective solution to the problems associated with combining air-to-air plate heat exchangers and cooling coils for dehumidification.

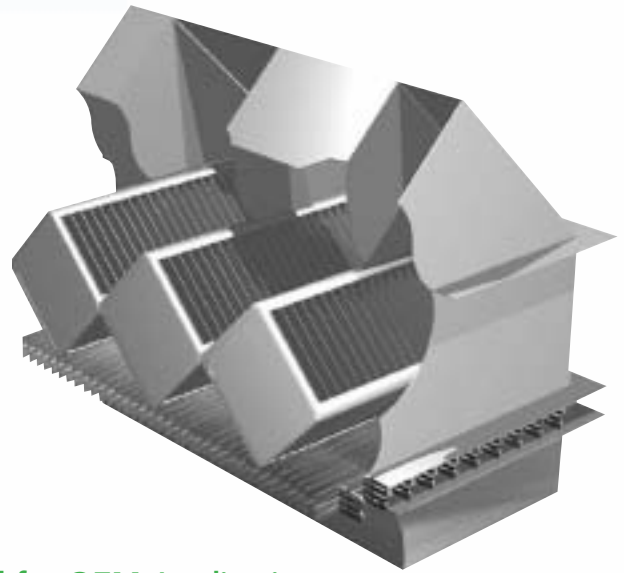
Compared to traditional designs, multiple small plate (MSP®) wrap-around dehumidification technology achieves the highest possible dehumidification capacity per unit of energy consumed with the lowest air pressure drop. The difference is in the MSP Heat Exchanger, not exotic materials or expensive machinery. MSP Technology's patented dehumidifying coils are designed to provide every benefit that you could possibly offer building engineers and owners.



Superior Results for Design Engineers

Now you can offer super-efficient dehumidifying and energy recovery solutions by specifying MSP® Technology's patented components. Give your clients the extraordinary economic benefits of multiple small plate technology with up to 50% energy savings.

- Efficiency unaffected by temperature differences (contrary to heat-pipes)
- Compact size with guaranteed performance (contrary to large plates)
- Uniform internal temperature and velocity profiles for superior coil circuit loading and low superheat
- No moving parts—low maintenance
- Versatile airflow configurations
- Chilled Water or Refrigerant models
- No reheat coil required
- Full draining (no standing water)



Ideal for OEM Applications

By simply providing cabinet size constraints and operating parameters, an MSP® Dehumidifying coil can be made to fit any application.

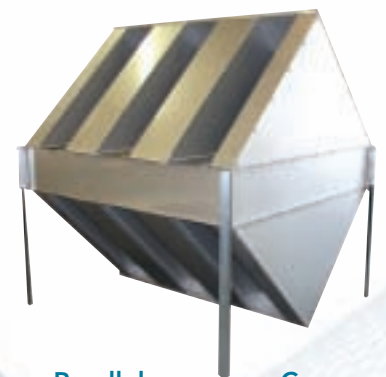
- Pre-engineered for lower initial design cost
- Compact and simple to install
- Reduces cabinet size
- No reheat required
- Competitively priced
- Versatile dimensions and airflow configurations

No preheat required in outside-air water source heat pump applications.

MSP® Heat Exchangers

MSP Technology's patented heat exchangers are the most efficient solution for the recovery of energy in sealed ventilation systems requiring no cross leakage of air. Unlike traditional crossflow or counterflow plate heat exchangers, the MSP heat exchanger can be equipped for cross (X) or over & under (=) patterns.

U.S. Patent# 6,182,747 (Other U.S. and Foreign Patents Pending)



Parallel Flow



Cross Flow





GREEN₃[™]

Super-Efficient By Design

- Up to 50% Energy/Cost Savings
- Low Profile Compact Design
- Free Reheat Energy
- Increased Efficiency Over Other Dehumidification Solutions

MSP Technology is a proud member of the U.S. Green Building Council.

The MSP® Dehumidifying Coil is eligible for USGBC LEED®* credits in at least 3 of 5 categories.

**INDOOR ENVIRONMENTAL QUALITY (IAQ)
ENERGY EFFICIENCY
WATER SAVINGS**

* LEED is the nationally accepted benchmark for the design, construction and operation of high performance green buildings.

GREEN YOUR IAQ TODAY

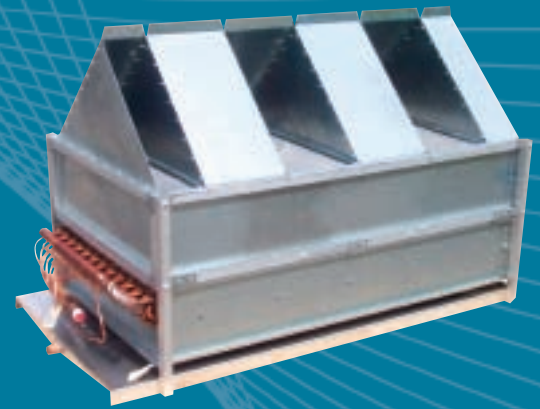
Flexible Solutions

MSP® Dehumidifying Coils are offered in a wide range of super-efficient, pre-engineered solutions. Capacities are available from 200 to 20,000 CFM, and larger models can be built to specification. The MSP Dehumidifying Coil is designed to deliver as low as 38° F dew point and is capable of converting more than 90% of the cooling energy to latent heat energy. MSP Technology uses ordinary refrigeration for cooling or, unlike traditional dehumidification systems, can be used with chilled water and no reheat is required.

- LICENSING**
- DESIGN SERVICES**
- OEM APPLICATIONS**
- CUSTOM MANUFACTURING**

MSP® Dehumidifying Coils units are pre-engineered and offered in a wide range of sizes with capacities to 20,000 CFM and higher and can be seamlessly integrated and tailored to fit your needs.

Specify MSP on your next project



OEM Partners

MSP® Technology licenses or sells our patented, multiple small plate technology to HVAC related equipment manufacturers. Take advantage of all the engineering and economic benefits that MSP offers while maintaining your trusted name in the industry. As for integrating our MSP components, they are easy to customize and install to your project's specifications. Our engineers will ensure that your MSP-based air handling system operates reliably and efficiently.



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