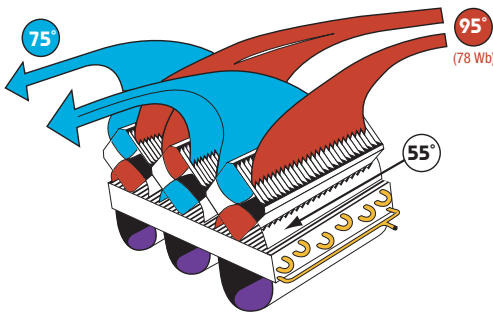


A climate of innovation™



Makeup Air Dehumidifiers



DEOP Series, 6,000-CFM Makeup Air Dehumidifier, Elementary School, Lexington, KY—Features Super-Efficient MSP™ Technology
US Patent 5,816,315, foreign patents pending

The Most Efficient Way To Improve Air Quality

The challenge: Tighter buildings...tougher indoor air standards...greater energy efficiency...control operating and maintenance expenses. Nautica's patented, Multiple Small Plate (MSP™) dehumidifying technology answers the challenge by supplying low-cost makeup air. Our super-efficient MSP™ technology is available in complete packaged systems with options to integrate with virtually any HVAC system, for any size building.

Key Benefits & Features

- **Reduce Energy Costs Up To 50%**
- **Cure "Sick" Buildings**
- **Meet ASHRAE 62 Standards**
- **Complete Packaged Design**
- **DX and Chilled Water Models**

- Meets mandated IAQ requirements for schools and other buildings
- Prevents mold spores and other bio-contaminants that thrive on excessive humidity
- Delivers "grain neutral" air to indoor spaces — dehumidifying air with a latent heat ratio of over 60%
- Patented super-efficient MSP™ technology saves space, simplifies rooftop, ground level or indoor installation
- Lowers operating expenses—reduced load on air conditioning system, enabling lower tonnage requirements
- Simple refrigeration system uses no hot gas reheating, no solenoid valves or associated parts
- Options available for any application
- Capacities from 500 to 25,000 CFM and up

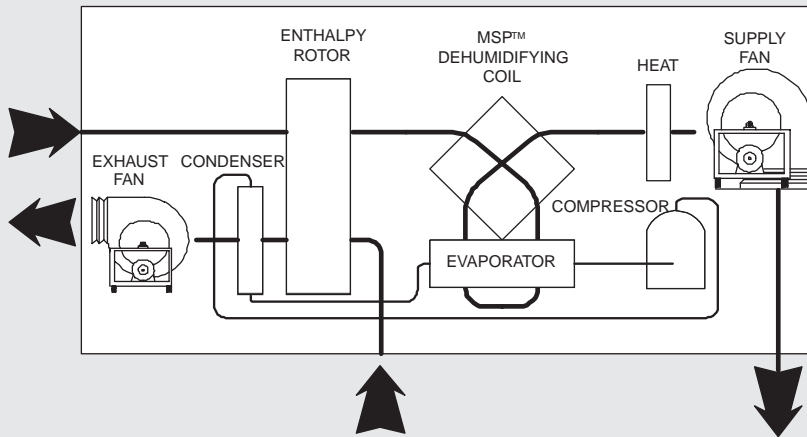
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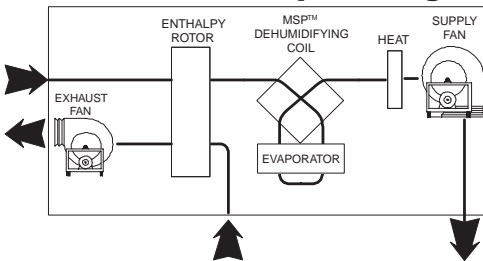
Makeup Air Dehumidifiers—Application Options



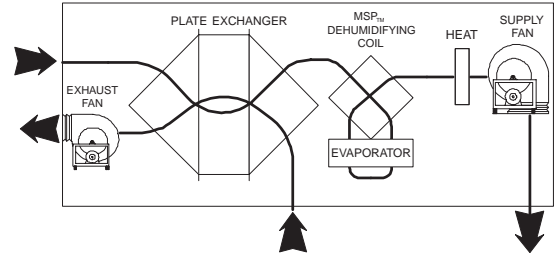
DE—Integral Unit

- *Totally self-contained air cooled package for indoor or outdoor applications*
- *MSP™ Dehumidifying Coil with reduced refrigeration load, allows exhaust air stream to be used for heat rejection*

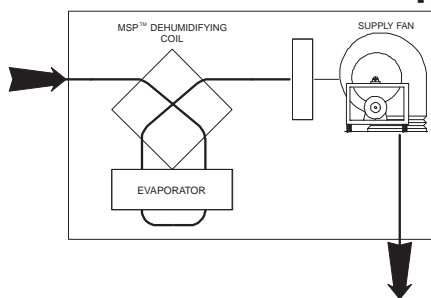
DE—with Rotary Exchanger



DE—with Plate Exchanger



DH—Dehumidifier Only



Additional Features

- *Split or packaged units*
- *Indoor & outdoor construction*
- *Air cooled, water cooled or chilled water*
- *Heat pumps—water and air source*
- *Double-wall construction*
- *Stainless steel drain pans*
- *Internally isolated fans*
- *Modular designs*
- *Cooling option*

More Options

- *Energy recovery ventilators—using plate or rotary exchangers*
- *Hot water or steam heating coils*
- *Direct or indirect gas heating*
- *Electric heat*
- *Integral F&B coils*
- *Single point electrical connections*
- *Unit mounted disconnect switch*
- *Self-contained control system*
- *High efficiency MSP™ heat exchangers*
- *Variable frequency drives*
- *Roof curbs— isolation and standard*

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NAUTICA
DEHUMIDIFIERS

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