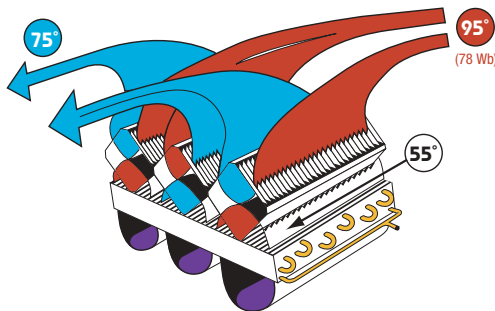


A climate of innovation™



# Makeup Air Dehumidifiers



DEOP Series, 6,000-CFM Makeup Air Dehumidifier, Elementary School, Lexington, KY—Features Super-Efficient MSP™ Technology

## 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 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%
- 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

### CORPORATE OFFICE:

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Huntington Station, NY 11746  
Phone: 631.424.8030  
Fax: 631.351.8249  
info@nauticadehumid.com

[www.nauticadehumid.com](http://www.nauticadehumid.com)

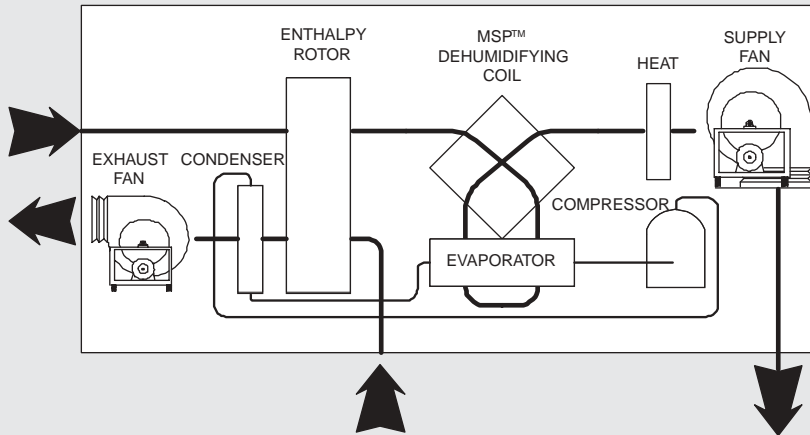
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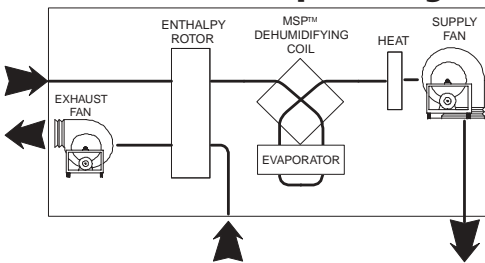
# Makeup Air Dehumidifiers—Application Options



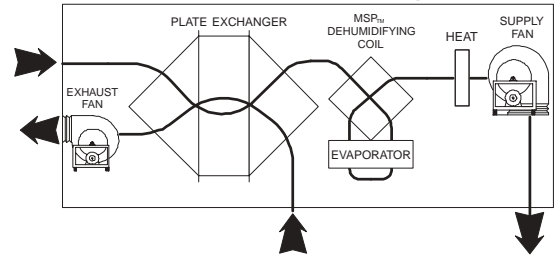
## DE—Integral Unit

- *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*

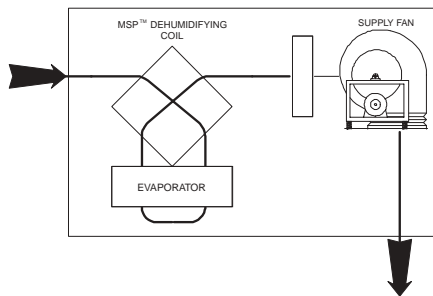
## DE—with Rotary Exchanger



## 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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