

DDS DEHUMIDIFICATION SYSTEM



Desiccant dehumidifier

FEATURES

- Energy efficient
- Delivers low dew point
- Energy recovery
- Avoids cool – reheat
- Improves IAQ

DDS Dehumidification System

When commercial applications require higher moisture removal capacities or when control needs are more critical, Munters offers the DDS Series active desiccant dehumidification system. The DDS incorporates a Munters Honeycombe® wheel which is formulated with a unique desiccant blend and is globally recognized to deliver superior moisture removal efficiency thereby saving energy. Suitable for the most stringent humidity control requirements, independent of temperature control, of any commercial building, the Honeycombe wheel provides building operators total control of their ever-changing environments.

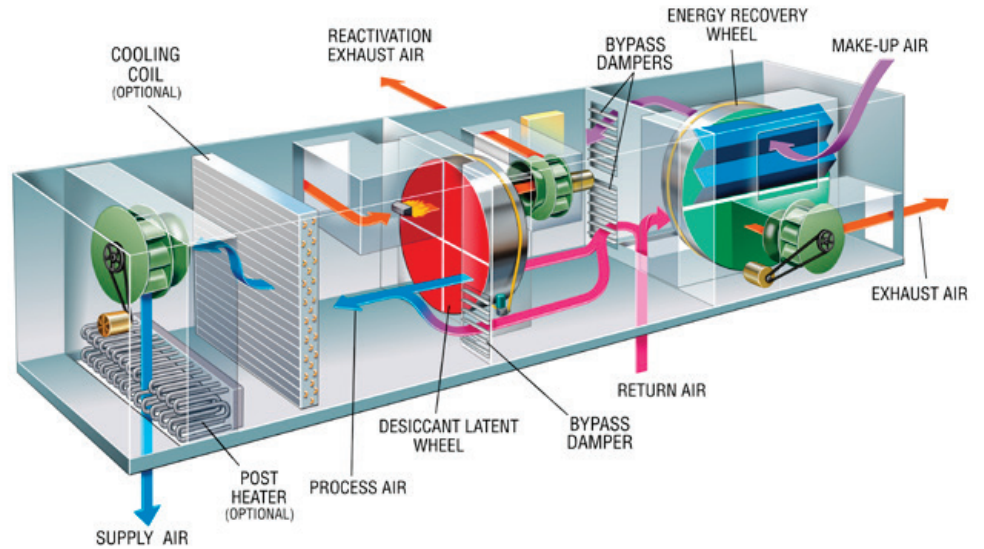
The DDS System provides the flexibility to address a wide range of commercial applications – whether the need for humidity control requires low dew point conditions like ice arenas, or condensation prevention like hospital operating rooms, or high capacity for senior housing or elementary schools needing to address the latent loads from high ventilation requirements. The DDS modular concept offers a variety of configurations and components to design a complete environment control system with supply volumes up to 50,000 SCFM to maintain Your Perfect Climate.



Munters DDS offers a variety of configurations and components to design a complete environmental control system for spaces such as operating rooms and ice arenas.

DDS

- Modular design for system flexibility
- Honeycombe® desiccant wheel
- Steam, electric or gas reactivation
- Packaged DX refrigeration or chilled water cooling coils, steam coils, hot water, or gas heating
- Total & sensible heat recovery options
- Humidification options
- Fan, filter and control options
- ETL listed



DDS Advanced Features

Desiccant Rotor

This is the “heart” of the system. No other air handler manufacturer builds its own rotors or has the expertise to match other system components with the rotor for maximized and dependable performance. The position of the desiccant rotor provides unprecedented accessibility, and “cleanability,” while maintaining a small footprint.

Double Wall Construction

2" foam panels (R-14) and FRP pultrusion frames ensure no thermal bridging for a true “no through metal” design.

Full Sized Access Doors

2" foam injection doors provide easy access to all major components for ease of maintenance.

Controls

Reactivation energy is modulated to meet moisture loads for improved efficiency. Temperature, humidity and fan speed control, and BMS connectivity options are available.

Galvalume Plus Exterior

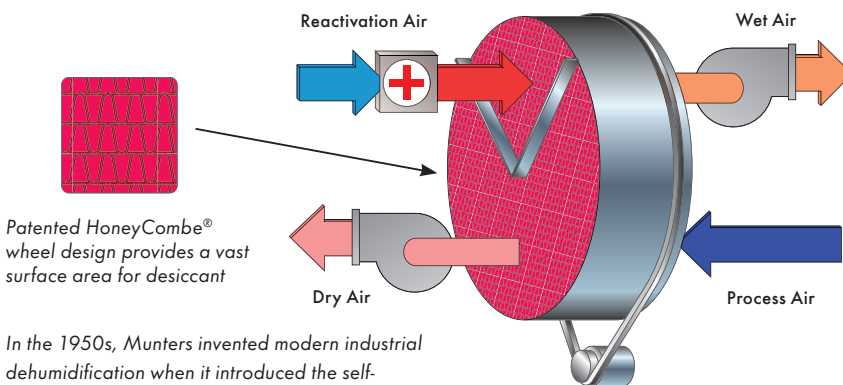
The maintenance free exterior provides superior protection in harsh environments and climates.

Custom Options

A wide range of options are available including cooling, heating, humidification, fans and filtration.

DDS Performance Software

DDS selection software permits your Munters Sales Engineer to deliver a quick response to performance questions.



Patented HoneyCombe® wheel design provides a vast surface area for desiccant

In the 1950s, Munters invented modern industrial dehumidification when it introduced the self-regenerating desiccant rotor, the heart of the dehumidifier.

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