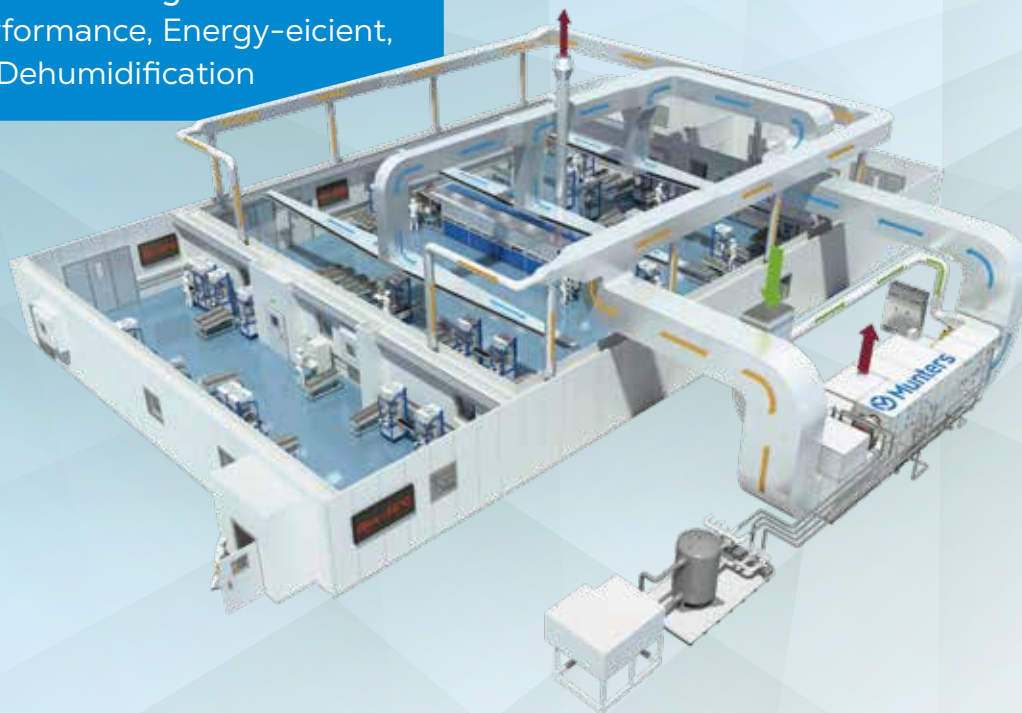


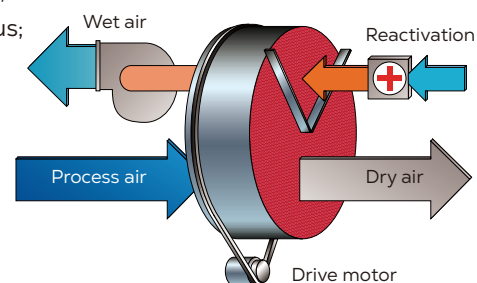
Industrial Processing Dehumidifiers
High-performance, Energy-efficient,
Hygienic Dehumidification



GREENDRY Series Dehumidifiers

New Generation of Dehumidifiers

- High-performance and energy-saving dehumidifier;
- Unique frame-free configuration and hermetically sealed overall foam design;
- Simple and easy operation, with real-time control of equipment operating status;
- Swing door design;
- Enlarged maintenance area;
- Reduced energy consumption and running cost;
- Minimized service cost and frequency;
- Avoidance of mold and corrosion to prevent equipment fault and product loss;
- Enhanced hygienic conditions of the process environment.;
- Direct-fired gas react design;
- Higher capacity, shorter flame length, easily meets ANSI/CSA standards.



Working principle of rotor dehumidification

Working Principle

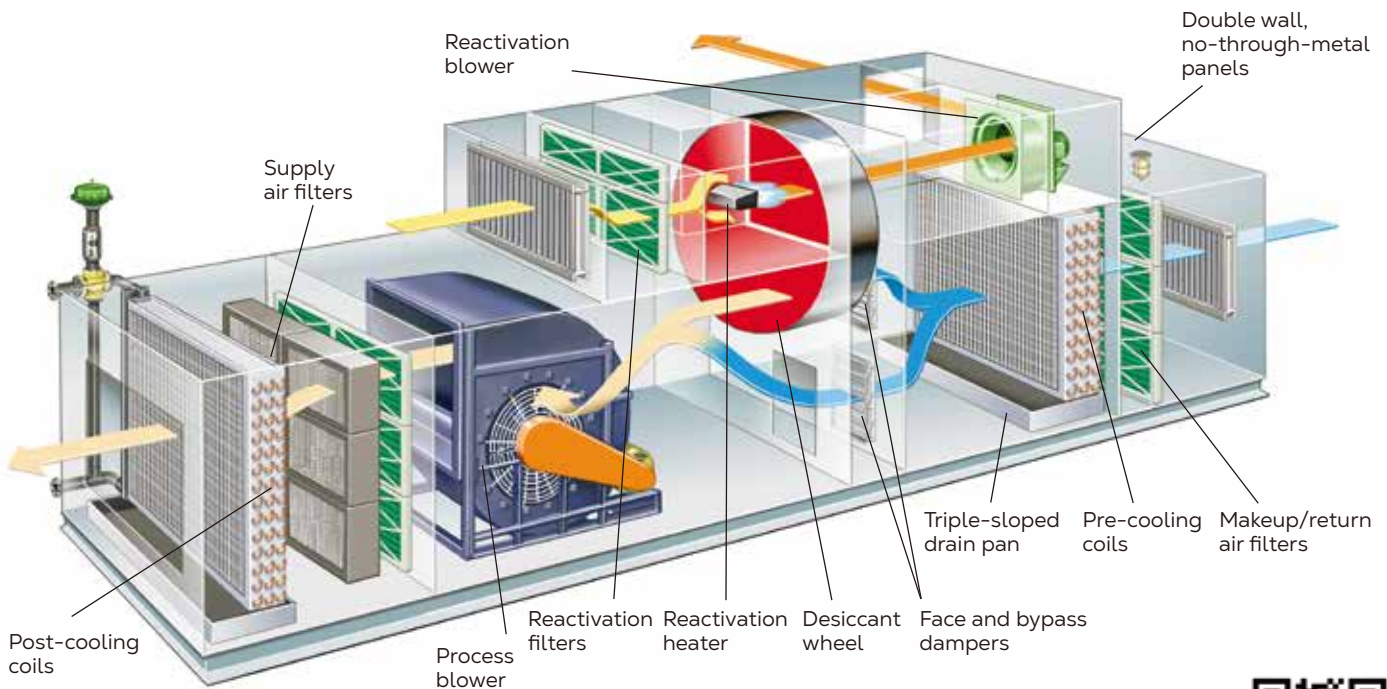
- Munters dehumidification systems remove moisture from the air by using desiccant, a material which easily absorbs and holds water vapor;
- Central to the dehumidifiers is a Munters desiccant rotor made up of corrugated material which is rotating constantly;
- The wheel's 360° area is divided into two sections: 270° of process section and 90° of reactivation section;
- Air is blown through the rotor and the moisture in the air is absorbed by the desiccant on the rotor material;
- In the reactivation section, ambient air is heated and passed through the rotor to remove the moisture absorbed in the process side of the desiccant rotor;
- The desiccant on the rotor is reactivated and the wheel re-acquires the ability to absorb the moisture;
- With the wheel rotating at low speed, dehumidification and reactivation follow each other continuously, so that dry air is always available for production;
- Special ultra-low dew point energy saving option, escorted by global R & D platform, up to 40% energy saving.

GREENDRY Specification

Product Type	Air Flow Rated	Air Flow Range	Application		Classic Reaction Type		Option DH control
			Normal	Super DH	Electrical	Steam	
MCA	2000	1143-5624	✓	N/A	✓	✓	✓
	3000	1143-7291	✓	N/A	✓	✓	✓
	4000	1143-7291	✓	✓	✓	✓	✓
	5000	1482-10825	✓	✓	✓	✓	✓
	6000	2201-10825	✓	✓	✓	✓	✓
	7000	2772-13635	✓	✓	✓	✓	✓
	8500	2772-13635	✓	✓	✓	✓	✓
	10000	2772-13635	✓	✓	✓	✓	✓
	12000	3294-16199	✓	✓	✓	✓	✓
	15000	3294-22749	✓	✓	✓	✓	✓
	20000	4626-27782	✓	✓	✓	✓	✓
	25000	5649-35517	N/A	✓	N/A	✓	✓
	30000	7222-45943	N/A	✓	N/A	✓	✓
	35000	9342-45943	N/A	✓	N/A	✓	✓

* Consult Munters for more information

Flexible Configuration - Tailor made to your overall solutions



For more
information visit
munters.com



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