

Total Climate Control

People are turning to self-storage as a solution to organize their personal and business lives. Most people prefer to store their materials in optimal conditions to help insure they will stay in the same condition they left it. The customer's self-storage choice will ultimately depend on their needs, what they are storing, and even the physical location of the storage facility. If customers are storing in a humid environment or storing important or valuable items, they are willing to pay a higher price for humidity and climate controlled storage to prevent damage that excess moisture will cause.

Total climate control

Munters equipment and DryFlo ducting are the ideal combination for Total Climate Control of your self storage facility. It allows the introduction of outside air and helps prevent liabilities such as mold, mildew, and structural/material deterioration. With this low maintenance equipment and ducting system, you will have total climate controlled space conditions, lower utility bills and satisfied customers. Munters remote monitoring capabilities and 24 hour national service network truly supports the Total Climate Control package.



Munters systems prevent mold, mildew, and structural/material deterioration by constantly controlling temperature and humidity in storage facilities.

Self Storage



BENEFITS

- Consistent humidity and temperature control
- Helps prevent mold, mildew, structural and material damage
- Lower utility bills
- Remote monitoring
- 24 hour national service network



5 Ton DryCool Split System Illustration

Indoor applications

Munters DryCool Split System

Munters Split System is equipped with five tons of cooling and a desiccant wheel to control humidity and temperature independently. It offers two stages of cooling. First the unit activates the two ton compressor unit, then the second stage brings on a three ton remote condenser. This unique combination of compressor staging and the utilization of Munters' desiccant dehumidification wheel provides continuous humidity control while consuming less energy than conventional HVAC systems. Conventional 5 ton systems consume more energy because they use all five compressor tons to control climate, even when there is no need for cooling. Munters HCU Split System offers easy installation, and the compact

air-handler fits into a 5' x 5' mechanical room. The three ton condensing unit is installed outdoors either on the roof or next to your storage building.

The system units



The 2 Ton HCU and 3 Ton Remote Condenser work together to provide continuous humidity control, while consuming less energy than conventional HVAC systems.

Outdoor applications Munters Humidity Control Unit



Munters Humidity Control Unit (HCU) combines the proven technologies of air conditioning and desiccant dehumidification systems to create the best option for protecting valuables. The HCU is a stand alone unit that heats, cools, and dehumidifies in a single package. It offers:

- More drying capacity than conventional systems
- Consistent humidity and climate control in the storage space environment
- Liability prevention

Munters HCU is also the most energy efficient method of humidity and climate control on the market.

Above: A typical outdoor HCU installation.



Dryflo is flexible, unlike metal ducting.

DryFlo Ductwork

Munters DryFlo ducting are cylindrical tubes constructed of a durable fabric that uniformly disperses air into the space. The cost-effective DryFlo systems are an attractive replacement for conventional metal ductwork and can save up to 70% of installation time. Traditional metal duct systems discharge air through side mounted metal diffusers. The air is directed to specific zones resulting in less efficient mixing of air in the space and often causing drafting and hot or cold spots. With a Munters DryFlo system, the air is discharged more uniformly along the entire length of the tubes providing more consistent and uniform air dispersion in the space.

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