



Munters DSS Pro

The next level of dehumidification



Welcome to the next level of dehumidification

Munters DSS Pro represents an evolutionary leap forward from the market-leading Munters DSS system, with performance upgrades that make a real difference. It is suited to a wide range of industries, including the specific demands of pharmaceutical, food and battery applications thanks to its class-leading dehumidification efficiency.

Suitable for indoor or outdoor installation, Munters DSS Pro is now equipped with our new AirPro casing. This new enclosure offers a variety of benefits, from significantly improved durability to reduced air leakage and lower energy consumption. All of this makes Munters DSS Pro perform at optimal levels for even longer than ever before, giving you durable efficiency and more importantly, peace of mind.

The more sustainable option

As the inventor of the desiccant wheel, Munters knows what it takes to engineer the very best in dehumidification rotor technology. With Munters PowerPurge™ technology, you get the outstanding performance you need with superior energy efficiency.

For certain applications Munters Green PowerPurge™ can help you consume up to 30% less energy. Munters DSS Pro is also ready for sustainable energy, which means the transition will be seamless if you decide to make the switch to renewable energy.

A better fit for your needs

In addition to the improved performance and durability, Munters DSS Pro also has a smaller physical footprint. This makes the system more convenient to install, and can potentially increase the amount of space you have for the parts of your business which generate revenue.

More than a system

With Munters you get more than industry-leading solutions. You also get a partner with the knowledge and expertise to ensure your indoor climate is always exactly as it needs to be. We support you all the way from design and quotation to the ongoing service you need from our offices all over the world.



Meet DSS Pro

All in One

Munters DSS Pro is the flexible standard with full function integration, delivering your ideal indoor climate whenever and wherever it is needed.

It is available for indoor and outdoor installation in 20 different configurable sizes, and 3 different desiccant rotor types are available depending on the application and where the unit needs to be installed. Nine different rotor sizes can be selected with different widths in relation to the requested dehumidification capacity.

General features include:

- Airflow range from 3,000 m³/h up to 140,000 m³/h
- Choice of housing material e.g. Munters Protect or stainless steel
- Configurable fans on process circuit
- Electric, steam and gas reactivation as standard
- Pre- and post- treatment fully configurable
- Full humidity and temperature control
- Wide range of power supply 380 - 440V 50/60Hz

New AirPro enclosure

Brand new AirPro casing is 50% stronger, offering outstanding reliability and efficiency over a longer period. The casing also improves thermal-break and insulation by 20%, and ensures 4 times less air leakage. This all results in 8% lower energy consumption alongside longevity and reliability being improved by 15%.



Smaller footprint

Munters DSS Pro is smaller than before, but also improves performance. Less floor space required and enhanced capabilities add up to significant savings.

The new Munters DSS Pro has a range of valuable improvements both inside and out, ensuring that it can provide you with the climate you need more efficiently than ever before.



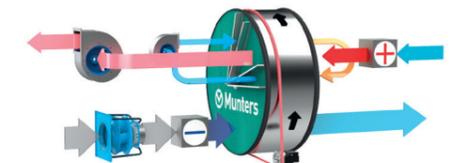
Smart selection process

Genesys is our innovative and intuitive selection tool, which ensures that you get the right Munters solution to your specific needs.

Our sales engineers can then provide you with drawings, flow diagrams, technical specifications and costs, giving you a clear picture of the offer and the benefits. You get the detailed information you need, with easily accessible documentation from the start.

Performance

Outstanding performance with the Munters premium desiccant rotor technology and patented PowerPurge™. Achieve the best performance and reliability while reducing your energy costs and total operational costs in the long term.



Quality

Outstanding Munters design and quality components ensure reliable operation and the best possible performance, while complying with the harmonized European standards and technical specifications for CE and UKCA marking. The new AirPro enclosure is TÜV tested and is complying with European EN1886 standards. Munters DSS Pro is manufactured in an ISO 9001 certified production facility.

Flexibility and simplicity

Munters modular philosophy makes delivery and site installation easy.

Advanced controls and communication

Munters DSS Pro is equipped with the Munters custom configured control system, which is mounted in a separate control enclosure. Available controls include HMI systems which can be local or remote, a variety of options for remote connectivity like Munters Connected Climate™ (MCC), and control based on flow or pressure.



Expertise in every application

Food

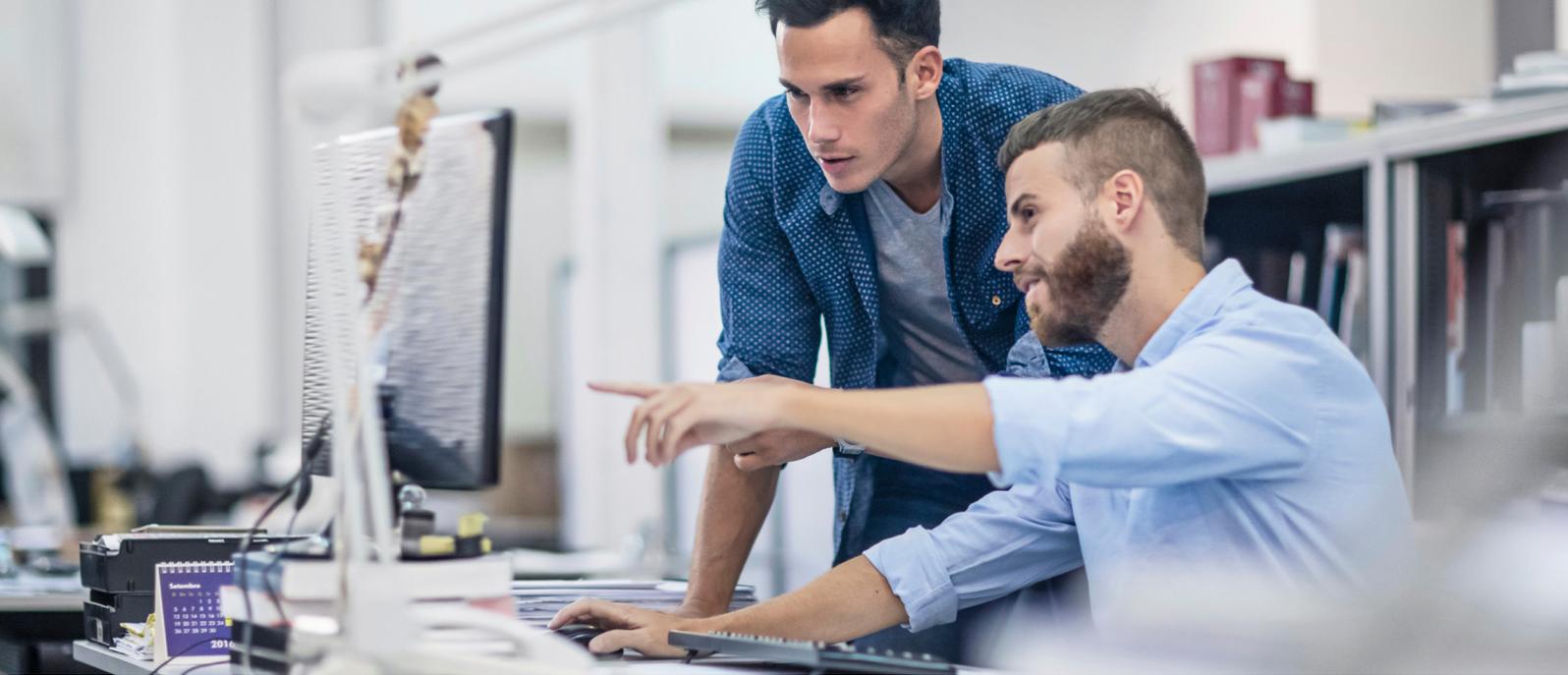
We know that when it comes to food manufacture, a stable climate is essential to ensure the best possible product quality. Munters DSS Pro provides the ideal climate at all times, and offers long lasting performance thanks to new, stronger casing and improved efficiency throughout the unit. As hygiene is also crucial, Munters DSS Pro is made from specially selected materials which will never compromise your products.

Pharmaceutical

Pharmaceutical businesses need the perfect conditions for manufacturing and packaging treatments and medicines. Munters DSS Pro can help you achieve your required conditions while ensuring your environment remains sterile and clean. When you need the air to remain at a precise humidity for as long as possible, Munters DSS Pro is the solution you can rely on.

Battery

In a world where sustainable energy is crucial, battery production is an essential, growing industry. We know that production facilities need the best possible climate in order to manufacture batteries of the highest quality, and that operating in a more environmentally friendly way is essential. Munters DSS Pro helps with all of this and more, as it offers excellent performance over time, while being ready for sustainable energy.



Why choose Munters?

With decades of experience leading the dehumidification industry, Munters knows what it takes to provide customers with the best possible service and solutions. We will guide you through the entire process, from choosing the best solution for your needs to keeping the equipment running at its optimum levels for its entire lifetime.

Selecting and quoting the right design

Munters DSS Pro is always a great choice for dehumidification applications, but it can come in a variety of configurations. We will talk you through the decision-making process, and offer a solution based entirely on your needs.

Shortly after a consultation, we will offer a quotation which will include all of the information you need in order to make the best decision for your business. It will include the exact specifications of Munters DSS Pro, along with how and when it will be installed.

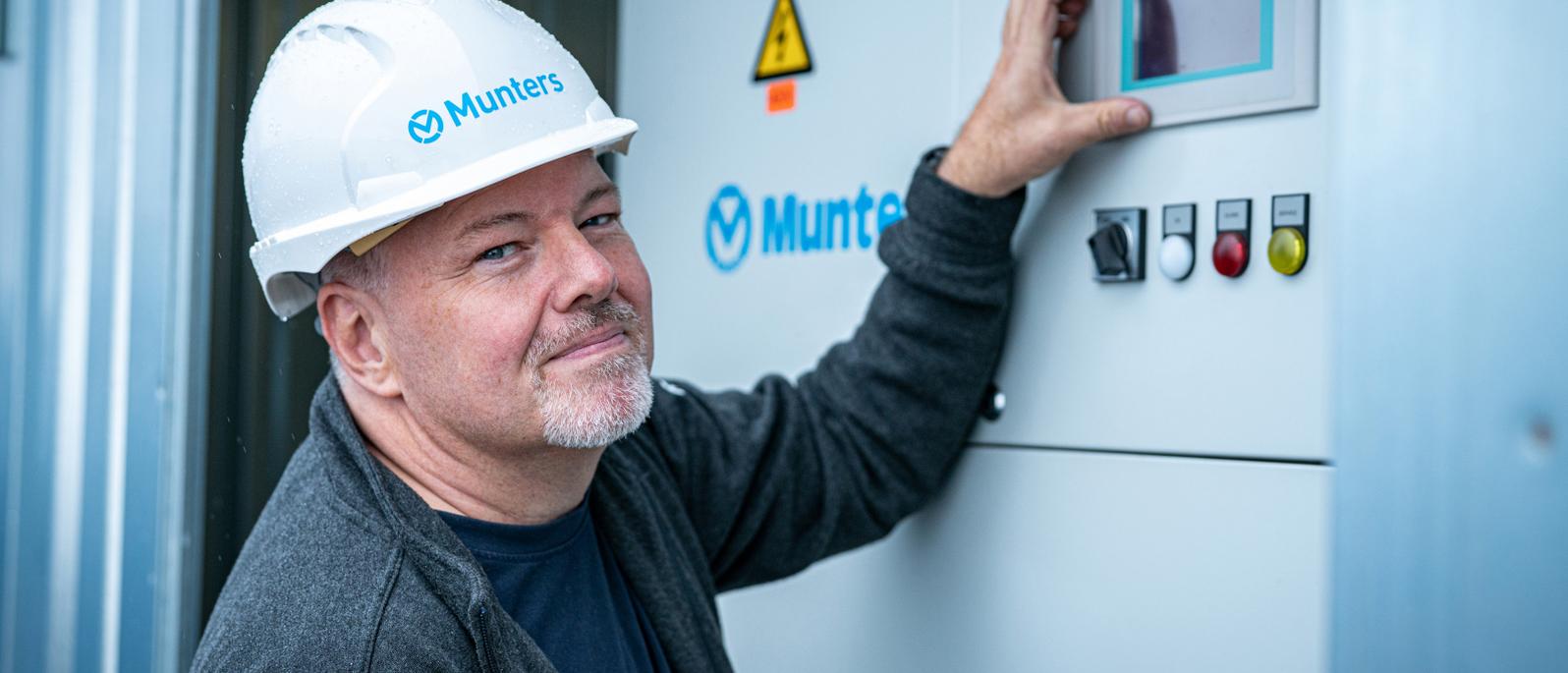
Premium parts

We know that only the very best is good enough, so we invest in premium components and parts for all of our equipment. Munters DSS Pro is packed with fantastic features, and uses the best possible parts for dehumidification performance in even the most challenging applications.

Service for life

After you choose Munters DSS Pro, we will deliver and install it at the time which works best for you. We will plan the process together, so installation will be as quick as possible when we arrive with the equipment.

Installation is only the beginning. As Munters DSS Pro is the centre of your indoor climate control, we need to ensure it is always running at optimal levels. We will carry out scheduled maintenance, and any replacements to components will be original spare parts which live up to the high standards of Munters.



Munters Services With you all the way!

With Munters as your service partner, your air treatment equipment will receive the attention, care and maintenance needed to reach its maximum life expectancy. Throughout each phase of the equipment life cycle, the knowledge and expertise of Munters Services will insure optimal operation, minimum energy consumption, and extension of the life of your investment.

Our range of services available through our global network of Munters Services Engineers and Technicians include:

- Comprehensive installation and start-up services
- PrimaCaire™ (extended warranty) agreement
- Flexible ServiceCaire™ maintenance agreements to fit your specific needs
- Performance checks and optimization
- Numerous upgrade options for substantial energy savings and improved performance

Find your nearest Munters office at www.munters.com

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