

EXPERTS IN HUMIDITY MANAGEMENT

WE CONTROL THE HUMIDITY SO YOU CAN CONTROL EVERYTHING ELSE

Cotes is in business to apply our unique expertise about all aspects of humidity management based on adsorption technology, and to put this know-how to work ensuring that our customers derive maximum benefit from controlling levels of moisture in the air.

Our aim is to provide our customers with superbly engineered, high-quality adsorption dehumidification solutions designed to help them boost the efficiency and profitability of key business operations.

Effective humidity management provides a wealth of practical, financial and energy-saving benefits, as well as a degree of control over operating conditions that is often crucial for future profitability. When our customers contact us, we will be as open, forthright and helpful as possible in helping them achieve such control.

CONTROLLING HUMIDITY

Get control of conditions

Cotes adsorption dehumidifier systems remove moisture from any volume of air that passes through them. We're world-leader experts in helping our customers establish full control of the levels of moisture in the air – anywhere, any time.

Our expert know-how about how best to apply adsorption dehumidification technology enables companies to establish and maintain full control over levels of humidity in industrial processes, buildings, structures, installations and equipment.

Roll back costs

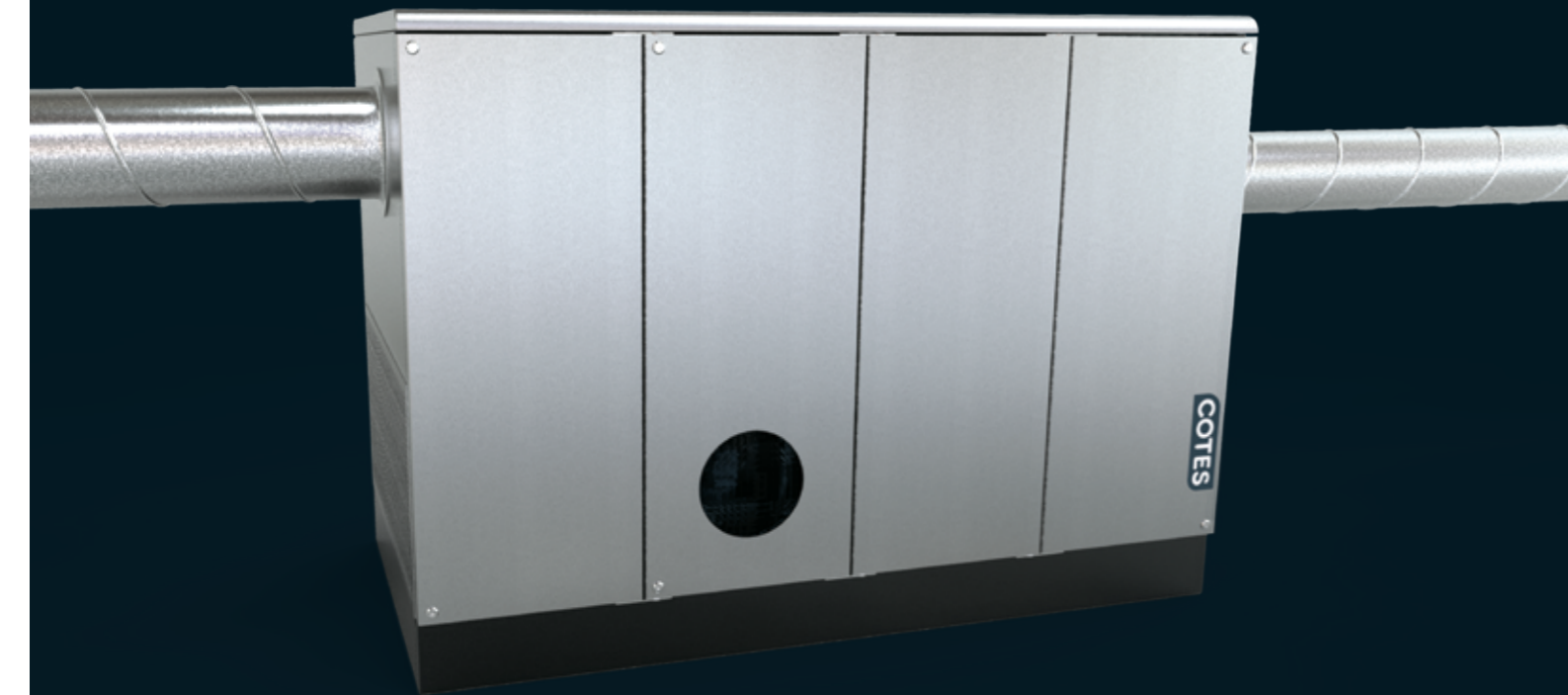
Effective control of humidity enables companies in many different industries to roll back both operating and maintenance costs as well as to extend the service life of investment-heavy assets such as wind turbines, offshore installations, ships, vehicles and aircraft.

Improve quality

Controlling humidity helps make it easier to tackle practical problems that cause costly glitches in product quality and process efficiency – things like seasonal fluctuations, condensation, corrosion and rust, bacterial growths, mould and powder clumping.

Boost productivity

Cotes humidity management solutions make it possible to notch up productivity in many different industries, by making sure that a wide range of operating conditions and efficiency parameters can be adhered to. This improves both uptime and profit margins.



THE COTES ADVANTAGE

Robust and resilient

Cotes adsorption dehumidifiers are robust, top-quality units developed, designed and engineered by specialists who are some of the world's leading experts in this field.

Easy to maintain

Cotes dehumidification equipment is simple, dependable and inexpensive to service and maintain, to provide you with humidity management you can rely on.

Easy to control

Microprocessor-based control units and advanced sensors make sure Cotes dehumidifiers are easy to control, with the exact degree of automation you require.

Reliable operation

Cotes dehumidifiers are designed to withstand constant use, and work exactly as intended to provide you with completely reliable humidity management.

Energy efficient

Cotes dehumidifiers are designed to use as little energy as possible to achieve maximum effect, and can be powered by virtually any available source of energy.

Low operating costs

Cotes dehumidifiers have a long service life and are remarkably cheap to run. They also provide you with big-time savings on other aspects of your operations.

Full control

We provide you with the most technically effective adsorption dehumidification solutions currently available, featuring a wide range of control units and sensors that make it easy to regulate both humidity and dew point in any installation.

These enable you to establish and maintain full control over humidity conditions, protecting your operations, your equipment and your quality standards, as well as giving you the best possible return on investment.

COTES PRODUCT RANGE

- COTES ALL ROUND / CR**

ALL ROUND HUMIDITY MANAGEMENT

IDEAL FOR

 - > All-round dehumidification
 - > Warehouses
 - > Ice rinks
 - > Small-scale process industry
- COTES FLEXIBLE / CRP/CRT**

EASY TO CUSTOMISE

IDEAL FOR

 - > Providing dry air for process industry
 - > Meeting exact specifications for humidity and temperature
 - > Where exceptionally dry air is required
 - > Deep drying with high ΔX
- COTES MOBILE / CRB**

SMALL AND EASY TO HANDLE

IDEAL FOR

 - > Temporary, ad hoc dehumidification tasks
 - > Drying out buildings and structures
 - > Keeping store rooms dry
 - > Preventing condensation in waterworks
 - > Drying out buildings damaged by flooding
- COTES WIND / CRBW**

COMPACT AND EASY TO TRANSPORT

IDEAL FOR

 - > Use in both onshore and offshore wind turbines
 - > Mounting in towers and nacelles
 - > For use during transport, storage and operation
 - > Mounting in small spaces
 - > Deep drying with high ΔX
- COTES CLOSED CIRCUIT / CRLK**

FOR SPECIAL CONDITIONS

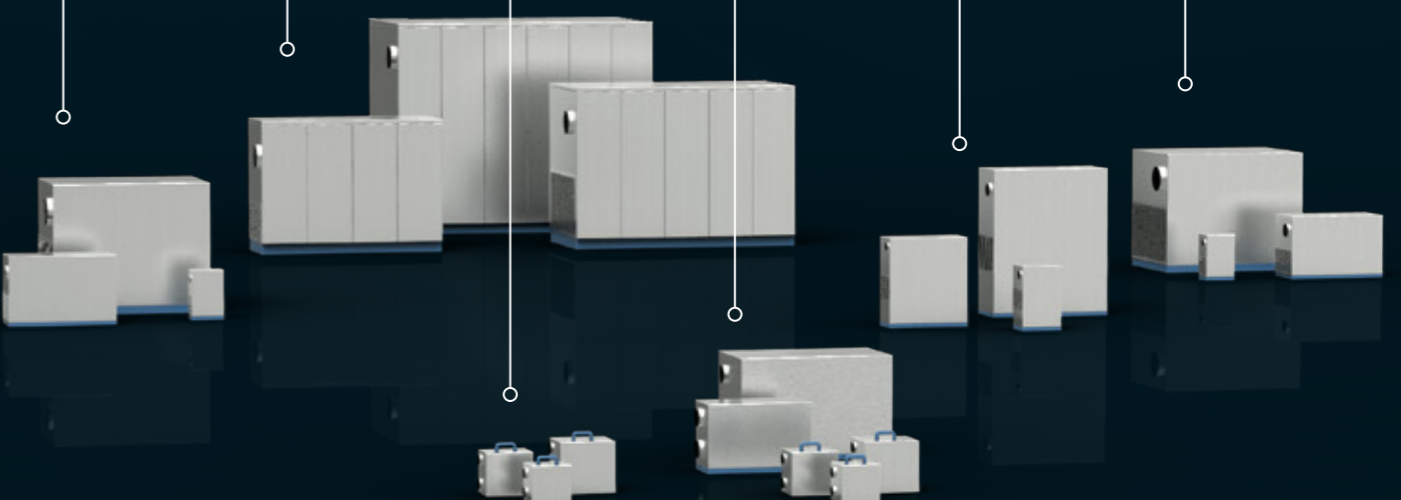
IDEAL FOR

 - > Installations where it is not possible to use ducts for regeneration air
 - > Basements
 - > Closed systems
- COTES COOL AIR / CRTI**

FOR PARTICULARLY COLD CONDITIONS

IDEAL FOR

 - > Cold stores
 - > Freezer installations



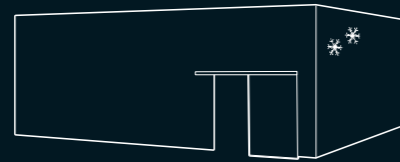
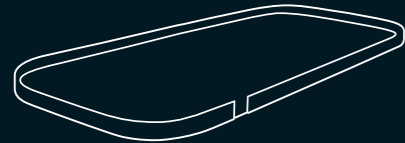
Cotes dehumidifiers are available with a wide range of control units and sensors that make it easy to regulate both humidity and dew point in any installation.

BENEFITS FOR MANY INDUSTRIES

Cotes adsorption dehumidifier systems are used throughout the world in (for example)

- > Wind turbines
- > Pharmaceutical production
- > Spray drying installations
- > Lithium-ion battery production facilities
- > Food industry production facilities
- > Waterworks
- > Warehouses and storage facilities
- > Ice rinks and indoor winter sports venues
- > Building dehumidification

ICE RINKS
SIGNIFICANTLY REDUCED OPERATING COSTS AND FEWER CONDENSATION PROBLEMS

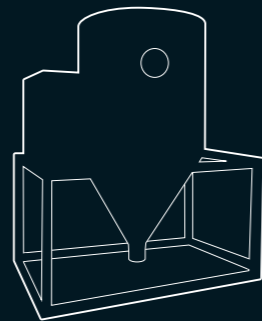
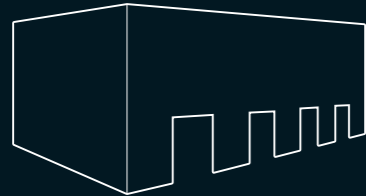


COLD STORES
LESS ICE FORMATION AND SIGNIFICANTLY REDUCED OPERATING COSTS



WIND TURBINES
75%
REDUCED SPEED OF CORROSION

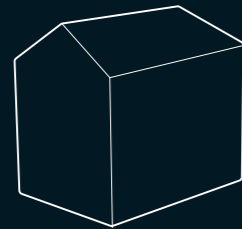
STORAGE FACILITIES
AVOIDS COSTLY, DISRUPTIVE DAMAGE TO GOODS WHILE IN STORAGE



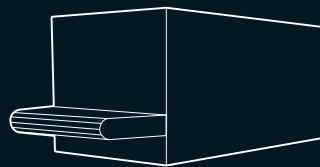
SPRAY DRYING INSTALLATIONS
35%
INCREASED DRYING CAPACITY



LITHIUM-ION BATTERY PRODUCTION
PRODUCTION NOT POSSIBLE WITHOUT LOW DEW POINT



BUILDING SITES AND DAMAGE CONTROL
SIGNIFICANTLY REDUCED MAINTENANCE AND REPAIR COSTS



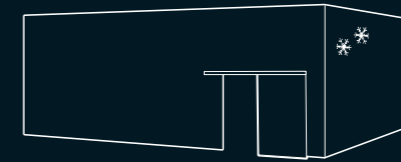
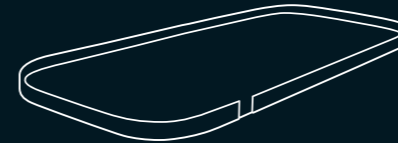
FREEZER TUNNELS
50%
GREATER EFFICIENCY



WATER WORKS
SIGNIFICANTLY REDUCED MAINTENANCE AND REPAIR COSTS

SIGNIFICANT ENERGY SAVINGS

ICE RINKS
70-80%

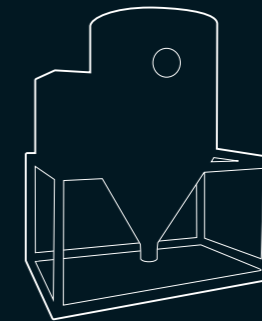
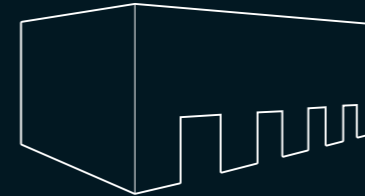


COLD STORES
10%



WIND TURBINES
90%

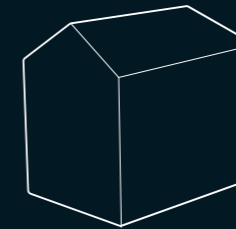
STORAGE FACILITIES
60%



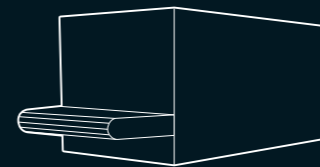
SPRAY DRYING INSTALLATIONS
15%



BUILDING SITES AND DAMAGE CONTROL
15%



LITHIUM-ION BATTERY PRODUCTION
30%



FREEZER TUNNELS
SIGNIFICANTLY REDUCED ENERGY CONSUMPTION



WATER WORKS
SIGNIFICANTLY REDUCED ENERGY CONSUMPTION

CLOSE TO YOU

We have a worldwide network of Cotes experts ready to provide you with solutions to virtually any humidity management requirement.



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