



AIRWATERGREEN

Air Technology Sweden

ENERGY-EFFICIENT DEHUMIDIFICATION

Reduce costs and improve the working environment with our unique dehumidifiers

airwatergreen.com/en

Dry climates with a reduced carbon footprint

Airwatergreen founded in 2009, prides itself on providing energy efficient products to remove moisture and odour for healthier homes, offices and workplaces.

Headquartered in Uppsala, the company has over 500 installations in 8 countries dedicated to creating sustainable climates for buildings, goods and people. The innovative, world patented dehumidification technique called warm condensation removes water from the air with improved energy efficiency in all temperatures. This coupled with easy installation, smart intuitive operation and remote monitoring options means trusted support and climate protection.



Energy efficient climate solutions

Year-round high efficiency condensation and water vapour removal regardless of temperature or season.

Reduced maintenance costs

Keep spaces dry with effective dehumidification even at low temperatures.

Improved working environment

Correct humidity levels inhibit mould and bacteria growth for healthier, pleasant workplaces.

No condensation, no corrosion, no mould.



Airwatergreen dehumidification provides smart, climate control and improved air quality for properties, material stores, offices and work environments with low energy consumption.

Humidity corrosion damage effects can be considerable. Walls and ceilings in buildings become damaged as moisture penetrates concrete and effects metal and electronic equipment. Repainting and replacing corroded or seized parts is costly and accumulated water droplets allow naturally occurring germs to multiply and mould to grow.

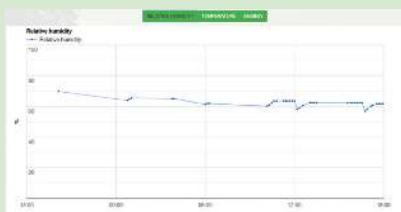


To prevent sanitation issues the moisture content in the air is lowered by passing the air through the Airwatergreen desiccant dehumidifier. The moisture is removed preventing plant damage and potential contamination issues



A frequent application is cold setting rarely occupied areas, water plants, sub stations and archives. Our intelligent dehumidifier automatically responds as moisture levels and relative humidity (RH) levels rise above required conditions.

For cold surfaces to prevent condensation, we have the intelligent dew point control option. The dehumidifiers steer towards the level relevant to the temperature of the cold surface, pipe, walls etc.



Our dehumidifiers offer easy installation without ventilation pipework, useful when dehumidifying underground, historic areas or facilities where building fabric damage is to be avoided.

FLEX

PORTABLE WARM CONDENSATION DEHUMIDIFIER



With the FLEX series you can safely lower the temperature saving energy and cost. Dehumidifiers are adapted to condense moisture in all types of environment and work equally efficient in all temperatures.

FLEX is usually configured to reach a pre-set level of relative humidity but can also be set for dew point control or follow the Mold index.

FLEX is available in four models, Basic, Smart, Cloud and Integrate.

FLEX Cloud and Integrate are connectable to your Internet connection or various control systems.

Temp Guard is a function that is used to maintain a certain temperature in the room to avoid freezing temperature. With this function active the dehumidifier can be set to act as an element if a certain predefined temperature is passed. The Temp Guard function is for the FLEX series Smart, Cloud and Integrate.

 FLEX BASIC	Black
Working range (°C)	-20°C to +50°C
Working range (RH)	10% to 100%
Connection	230V 1-50Hz 10A
Average power	400W
Peak power	2,0kW
Enclosure	IP63
Airflow	400m ³ /h
Dimensions BxHxL	340x650x1060 mm
Weight	20kg
Noise	65 dB
Filter standard	G4

Installation is simple and easy!

All you need is electricity and drainage for the condensed water. All dehumidifiers in the FLEX series are self-regulating on relative humidity (RH) and you are always in full control of the functions on the display.

ACCESSORIES

FOR YOUR BEST SOLUTION

DRAINAGE PACKAGE



For installation where there is no direct access to drainage pipes or gutters, to take care of the condensate. The drainage package includes a pump with a level sensor to easily and conveniently remove the condensate.

TROLLEY



For installation where mobility is important and no drain is available. The built-in container can collect up to 40 litres of water. Emptying the container is simple - just roll the dehumidifier out of the way and use the built-in faucet. The wagon is also available in white.

WALL MOUNT



For installations on walls.

REX

A POWERFUL WARM CONDENSING DEHUMIDIFIER



 REX BASIC	Black
Working range (°C)	0°C to +50°C
Working range (RH)	10% to 100%
Connection	400V 3-50Hz 16A
Average power	2250W
Peak power	4000W
Enclosure	IP63
Airflow	1000m ³ /h
Dimensions WxHxL	750x780x1900 mm
Weight	120kg
Noise	65 dB
Filter standard	G4
Adjustable airflow	No
Dew point steering	No
Modbus	No

REX is a powerful desiccant warm condensing dehumidifier that works equally energy efficiently in all temperatures. This is the industrial solution for effectively dehumidifying large volumes of air in, for example, storage rooms, treatment plants and larger buildings.

REX can be controlled against various parameters such as the relative humidity (RH). The dehumidifier can be connected to external systems via Modbus which enables real-time monitoring and control through laptops and smartphones.

REX is prepared to be connected to ventilation pipes if desired. Several dehumidifiers can be installed to work in parallel.

REX is available in three models, Basic, Cloud and Integrate

Installation is simple and easy!

All you need is electricity and drainage for the condensed water. Rex stands on wheels and can easily be placed in a suitable place. The cost of installation and service is kept to a minimum, as the unit is independent and mobile with standardized pipe dimensions for all connections.

SERVICES AND SUPPORT



RENTAL

We also give you the opportunity to rent or lease the dehumidifiers. We offer rental agreements with different arrangements and contract times. Either you choose a rental agreement where you are offered to buy the equipment after 6 months, or you can lease the equipment for exactly the period you want. Of course, we include full service and support in our rental agreements.



SERVICE AGREEMENT

Extended warranty during the service period where we perform regular service adapted for your installation. Our original spare parts are designed for the best performance for the machines. This provides an extended warranty period of up to 5 years. We offer both standard agreements and customized solutions!

OTHER SERVICES WE OFFER

Moisture measuring and consultancy

We measure moisture level and temperature over a period of time at selected locations to identify any moisture challenges. The report contains the recorded data and our recommendations based on the results of the measurements and our experience.

Installation

Airwatergreen's support organization delivers installation in coordination with you

Renovation and repair

Renovation & repair of the dehumidifier can also be performed in the event of damage, without a service agreement or if no service agreement is in place.

Connection

Through your existing internet connection, we connect your FLEX and REX Cloud dehumidifiers. Through your account with us you always have complete control over the climate in your building. We also offer alarm services linked to e-mail / textmessages and logging of the climate in real time.

System Integration

By choosing FLEX INTEGRATE or REX INTEGRATE you also get integration possibilities to connect your dehumidifiers with your existing control system. Your climate control system becomes even more efficient with Airwatergreens smart handling of moisture. For example, it may mean that you are given the option of keeping a lower temperature in the room when not in use. We work with all major suppliers of control systems.