

**> WORLD FIRST!**



# Adsorption dehumidifier A4 ES, A4 ESX

**A REVOLUTION IN DRYING WATER DAMAGE  
AND BUILDING MOISTURE.**



**Corroventa**

Technology and products for water damage, moisture, odours and radon  
[www.corroventa.com](http://www.corroventa.com)

# Efficient dehumidification in wet and dry.

Adsorption dehumidifiers A4 ES and ESX are part of our new series of smart and energy efficient dehumidifiers. Its low weight and noise level make it both easy to use and transport while giving quiet operation. The ESX model also has an integrated additional heater for use in unheated spaces or to assist faster drying when moisture has penetrated the material. A4 ES and ESX have a number of integrated operating and control modes so that the drying effect can be optimised for the specific drying task and they are also prepared for remote control and remote monitoring. This gives you greater flexibility, you do not use any unnecessary energy and it also gives you total control over the drying process without any reduction in the drying effect. Good for the environment, drying results and overall economy.



## The modern family

ES stands for EnergiSpar (Energy Save) and is the world's first intelligent, portable drying system for professional dehumidification. To optimise the drying process, all machines in the ES family can cooperate with each other through a smart control system and network and via internal and external sensors. You can use it alone or connect several turbines and/or dehumidifiers together, which means that no job is too big nor too small for the ES family. Add in the compact design, needs adapted and optimised drying process, minimised energy consumption and you have a system that is unique to the market.

## Compact and light

When developing the A4 ES and A4 ESX Dehumidifiers major focus was put on developing highly efficient units but with a very compact design. The moisture control technician should be able to carry lots of machines in the service vehicle and move the machines between different jobs ergonomically.



30 x A4 ES  
(A4 ESX)  
units in a  
VW Caddy



## High capacity level

Despite their compact appearance the A4 ES and A4 ESX Dehumidifiers are very high performance machines.

27 l/24hrs



## Extremely quiet

Because the dehumidifier is frequently used in residential environments we have taken a lot of trouble to make the dehumidifier quiet despite its high performance.



Max 44 dB(A)  
Quiet mode 40 dB(A)

# Stackable, simple to use and control.



## User friendliness

A4 ES and A4 ESX have a smart carrying handle that folds in to allow transportation and stacking of the units on each other but also to coil up electrical cables for a better working environment. NOTE: The electrical cable has a magnet at the connector which allows the cable to be secured to the machine quickly and easily.



## Good combination with other products

A4 ES and A4 ESX can be used with other products with very good results. Intelligent integrated control system to achieve optimised performance and collaboration between turbines, dehumidifier and water separator.



24 machines can be loaded on a standard Euro pallet

## Dehumidifier model A4 ESX

Has an integrated additional heater, extra hot and dry air when drying materials or where the room temperature needs to be raised.

## Stackability and logistics

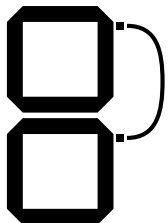
A4 ES and A4 ESX are optimised in size and height to allow simple transport and good logistics, 24 machines can be loaded on a standard Euro pallet. In addition, the machines are very stable when they are stacked which provides good safety for local transportation.

## Flexible

A4 ES and A4 ESX make it possible to handle several types of job with one machine without costing in energy consumption.

## Remote control

A4 ES and A4 ESX come prepared for remote monitoring and control.



## Built for professionals

With over 25 years in the industry we listened to our customers thoughts about how the machine is used and the environment that it is going to be used in. We have built the machine to be used and operated in demanding environments and the whole design is robust and durable.



## Energy efficient/ environmentally friendly

A4 ES and A4 ESX have flexible operating modes for optimised energy use and drying effect based on needs. A compact design and low weight to minimise energy use in the logistics chain and to improve the working environment.





## Technical data A4 ES, A4 ESX dehumidifiers

Capacity 20°C, 60% RH	up to 27 l/day
$\Delta X$	up to 5 g/kg
Dry air volume	up to 350 m <sup>3</sup> /h
Dry air distribution	2 x $\varnothing 50$ + 2 x $\varnothing 100$ mm
Humid air	1 x $\varnothing 80$ mm
Connection	230V / 50 Hz
Weight	18 kg
Size (L x W x H)	475 x 295 x 430 mm

### ES series – products in the ES series



### Technology and products for water damage, moisture, odours and radon

Corroventa was founded in 1985 by Dr. Knut Claesson. His passion for dehumidification technology, and specifically for using it to develop new products and techniques within the field of drying damp and water damage has been the driving force behind the company's operations since it was founded.

[www.corroventa.com](http://www.corroventa.com)

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