

---

# POWERFUL, SILENT-RUNNING TURBINES & WATER SEPARATORS

IDEAL MACHINES  
FOR DRYING LAYERED  
CONSTRUCTIONS



**CorroVenta**<sup>®</sup>



**A FLOOD OR WATER DAMAGE** can be problematic, but does not always need to result in a catastrophe. Corroventa has the knowledge and the equipment for dehumidifying different buildings and constructions, so that every case of water damage can be dried out as quickly and efficiently as possible. Through machine pools and depots in several locations throughout Europe, we can quickly get the right machines in place, even in the event of major floods that affect a large number of properties.





# PRESSURE DRYING & SUCTION DRYING LAYERED CONSTRUCTIONS.

At an early stage of water damage, pressure or suction drying is the ideal solution. The suction drying technique is based on a dehumidifier drying the air in the room at the same time as a turbine creates a high negative pressure in the construction. With pressure drying, the dried air is led into a turbine, which raises the temperature and pressure of the air. The dry and very warm air is then forced down into the building construction via a hose system, which is connected to holes that are drilled in the construction.

## ES - DIGITAL & FLEXIBLE CONTROL

ES is the most intelligent, flexible and energy-efficient product line on the market. Our turbines and water separators that are part of the ES family have a smart system for digital control. They have a wide range of integrated operating and control modes such as:

- Max Mode, which dries as quickly as possible irrespective of energy consumption.
- Eco Mode, which dries as energy efficiently as possible.
- $\Delta X$ , which produces air that is as dry as possible.



The machines can communicate with other ES machines, which optimises performance and combined effect. They can also be linked to SuperVision®, our system for controlling and monitoring the drying process via a computer, tablet or mobile phone. Together these elements create a unique system that saves time, money and energy.

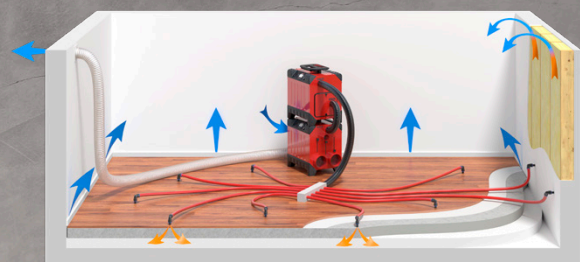
Consequently, the drying effect can be optimised for the assignment in question, at the same time as the machine consumes less energy and works even more quietly.

## SUCTION DRYING



A turbine that suction dries a floor construction with water separator and combi filter.

## PRESSURE DRYING



Dehumidifier and turbine pressure drying a layered floor and a stud wall simultaneously.

# QUALITY, DESIGN & FUNCTION FOR PROFESSIONAL DRYING IN OCCUPIED SPACES.

Corroventa's turbines and water separators in the new ES design are compact, stackable and ergonomic. You get unique advanced control options combined with great usability at connection. Our turbines are developed for drying layered constructions and, in particular, in occupied spaces where low noise levels are required. They are designed for an air volume of up to 300 m<sup>3</sup>/h. The water separators have several filter options for different needs and conditions.



**ES - AN ENERGY-EFFICIENT PRODUCT FAMILY.** Thanks to the smart control system with integrated operating modes, as well as energy-efficient components, the ES machines consume less energy than traditional machines. They are energy optimised for both big and small assignments.



**COMMUNICATE WITH EACH OTHER.** The ES machines have an intelligent integrated control system to achieve optimised performance and collaboration between turbines, dehumidifiers and water separators.



**SILENT MODE.** The machines work extremely quietly, and the ES models even have a silent mode which can be set at night. This is a huge advantage when the machines are used in residential environments, for example.



**SuperVision®** is used to control and monitor the drying process via computer, mobile phone or tablet. Each SuperVision® module can monitor up to eight ES machines and the drying process is controlled remotely, quickly and easily.



**STACKABLE** - the machines are designed so that they can be stacked safely. The compact design also means efficient logistics and easy transportation as there is room on a pallet or in a service vehicle for several machines.

**THE PRODUCT'S FEET** are made from PUR and leave no drag marks on the floor.



The large image shows turbine T2 ES.



**WIND THE CORD** around the handle and secure it against the metal casing using the magnet.

**EASY TO GRIP HANDLE.** Our machines have a slim design that enables them to be held close to the body, thus reducing strain on the back.

**ROUNDED, SOFT CORNERS** of polyurethane rubber (PUR) that do not rub against your legs as you carry the machine.



**CALCULATED WATER AMOUNT.** Easy to read off the amount of water collected from the construction.

(Applies to water separator WS4 ES in combination with ES turbine, which is digitally controlled.)

**3 STAGE FILTER TECHNOLOGY** that gives clean outlet air, which increases the service life of the turbine. Easy to access filter, which is easy to replace.

(Applies to water separator WS4 ES.)

**EASY MAINTENANCE**

– thanks to two knobs on top of the machine for servicing and filter replacement. The pump is easy to clean as it is attached to and accompanies the cover when removed. All dirt is easily washed from the bucket with water hose.

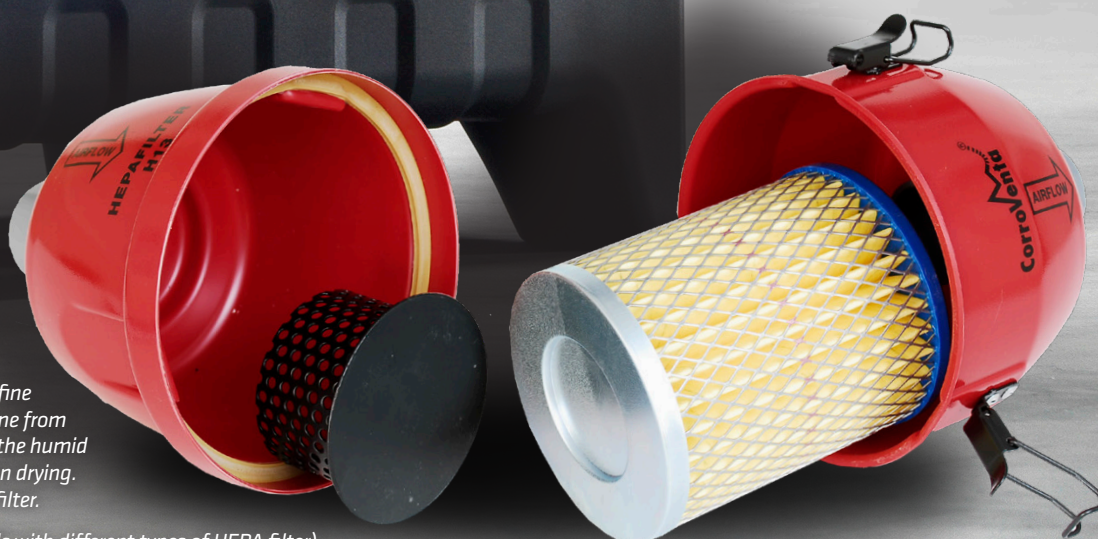
(Applies to water separator WS4 ES.)



**CORROFILTER INLINE H13**

Coarse filter, cyclonic filter and HEPA-H13 fine filter in the same unit. Protects the machine from dirt particles and eliminates impurities in the humid air outlet to the surroundings when suction drying. High separation level with HEPA H13 fine filter.

(Corrofilter Inline is available in two models with different types of HEPA filter)





# COMBINATION GIVES UNIQUE POSSIBILITIES.

Water separator WS4 ES has a capacity of 25 litres per minute. It can work with all turbines, but when connected with our ES-turbines you get unique functionality.

WS4 ES has a safe design, which ensures that water does not penetrate the connected turbine. The water separator has 3 stage filter technology that

gives clean outlet air, which increases the service life of the turbine.

## OUTSTANDING TURBINE PERFORMANCE DESPITE EXTREME LOAD

The turbine's air volume/-pressure can be adjusted based on the drying assignment's size and demand. When the temperature rises, the output is regulated down. This is done so that the machine can continue to work even at extreme load and not stop and require manual resetting like several other machines on the market do.

**FINE FILTER  
INLINE** - easy access and simple to change.



**EASY MAINTENANCE**  
- thanks to two knobs the machine can be opened for servicing and filter replacement.

The image shows water separator WS4 ES.

## TECHNICAL DATA - TURBINES AND WATER SEPARATORS



Product name	T2	T2 ES	T4 ES	WS4 ES
Product	Turbine	Turbine	Turbine	Water separator
Energy Saving (ES model)	-	+	+	+
Compatible with Supervision®	-	+	+	+
Silent mode	-	+	+	+
Digital control	-	+	+	+
Air volume m³/h	Up to 180	Up to 180	Up to 300	-
Pressure, mbar	Up to 260	Up to 260	Up to 260	-
Max. pump height, m	-	-	-	3.5
Capacity, l/min	-	-	-	25
Sound level at max. output, dB(A)	48	48	48	-
Power consumption, W	1,100	1,100	1,800	700
Connection	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Weight, kg	13	14	17.5	20
Size (L x W x H), mm	370 x 295 x 430	370 x 295 x 430	430 x 295 x 430	446 x 293 x 487
Article number	1003669	1002535	1001846	1001653



# WITH KNOWLEDGE ACROSS THE RANGE - SEMINARS & TRAINING

With the correct knowledge, better results can be achieved with fewer resources in a shorter time. It is as simple as that.

We are more than happy to share our knowledge with our partners through support and expert advice. We also have different seminars and training planned during the year, but are happy to tailor training to your needs.

At the same time, we are happy to benefit from your experiences and any problems that you may have been faced with in the field.

Realistic product development is important so that we can offer really efficient and user friendly products. This is beneficial to us both, in the long term.

## EXAMPLES OF ICONS

- ▶ Drying water damage in different house constructions and building materials.
- ▶ Drying damage from damp and installation of dehumidifiers in crawl spaces.
- ▶ Radon measurement and remediation of high radon levels from the ground and autoclaved aerated concrete
- ▶ Dehumidification of attics with demand controlled ventilation.



Practical tests of different drying techniques are carried out at our seminars. In our own building laboratories, theory and practice are combined; water damage in different structures is dried and evaluated with measurements.

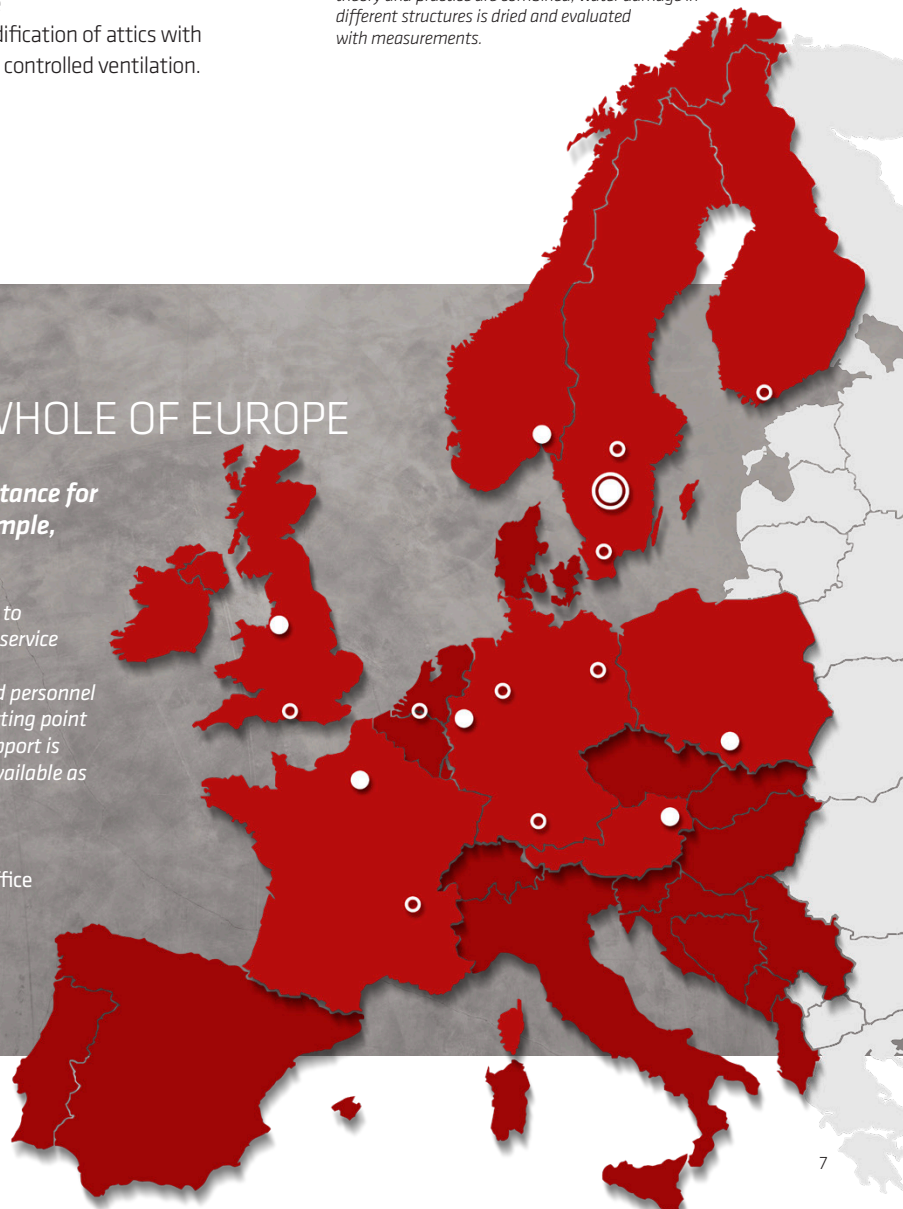
## SERVICE ACROSS THE WHOLE OF EUROPE

*Corroventa's products are of crucial importance for dealing with the consequences of, for example, a flood where large sums are at stake.*

*Both our partners and property owners must be able to depend on our products doing their job and that our service organisation is equally reliable.*

*All Corroventa's offices around Europe have trained personnel to carry out swift servicing of our machines. The starting point is simple - we are always available. Our technical support is available around the clock, and loan machines are available as cover while a fault is being rectified.*

📍 Main office    📍 Subsidiaries    📍 Sales office







PURCHASING



RENTING



MACHINE POOL



LEASING

## FOUR BUSINESS MODELS - CHOOSE ACCORDING TO YOUR NEEDS

*Being a partner to Corroventa opens the way for flexible collaboration. Our four business models are designed to create the best possible solution for our partners.*

- ▶ Purchasing the equipment with custom warranties, service and support agreements
- ▶ Renting for a limited period, for example to get machines during a high load.

- ▶ Machine pool. You retain the machine for a long period, which makes work easier for both parties. And the transport is reduced.
- ▶ Leasing.



## DO YOU HAVE ANY QUESTIONS OR DO YOU NEED HELP?

*Please visit [www.corroventa.com](http://www.corroventa.com) or call us to speak to an expert.  
We have the expertise and equipment to solve your problems as efficiently as possible.*

Corroventa develops, manufactures, sells and hires out high quality products for dealing with water damage, moisture, odours and radon. We are one of the market leaders and specialise in innovation within the industry. Our products are compact, effective, ergonomic and energy efficient. In emergency situations and during flooding, Corroventa's customers have access to one of the largest rental parks in Europe. We have sales offices and machine depots in several locations throughout Europe. All our manufacturing takes place in Bankeryd, Sweden.

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



**Corroventa**®

**CORROVENTA LTD**

Unit 47, Melford Court, Hardwick Grange, Warrington  
England WA1 4RZ • Tel +44(0) 161-2449523