

# WATER DAMAGE ADSORPTION DEHUMIDIFIERS

---

Our adsorption dehumidifiers have been the industry benchmark for drying results, energy efficiency and quality for a long time. With the new ES series we also set new standards for intelligent control, user friendliness and flexibility.





# ADSORPTION DEHUMIDIFIER A2 ES

Adsorption dehumidifier A2 ES has digital controls and is designed for small and medium drying assignments. It has a dry air volume of up to 220 m<sup>3</sup>/h and a drying capacity of 17 l/day at 60% RH and 20°C.



Read more about the ES series and SuperVision® on page 12-15.

As a member of the ES family, the A2 ES has a lot of integrated operating and control modes, which allows the drying effect to be optimised for the relevant drying assignment, at the same time as the machine retains a lower energy consumption than traditional adsorption dehumidifiers.

The machine is robust, stackable, compact and ergonomically designed, which facilitates the work for the moisture control technician and makes it easy to move between dehumidifying assignments. It is extremely quiet, which is a great advantage when used in residential environments for example.

Adsorption dehumidifier A2 ES works with all other ES machines and is prepared so that it can be monitored remotely with SuperVision®.

## TECHNICAL DATA

Capacity 20°C, 60% RH	Up to 17 l/day
ΔX	Up to 5 g/kg
Dry air volume	Up to 220 m <sup>3</sup> /h
Dry air distribution	2 x ø50 + 1 x ø100 mm
Humid air	1 x ø80 mm
Noise level (3m)	44-54 dB(A) <sup>1)</sup>
Connection	230 V / 50 Hz
Max power consumption	1 200 W
Real consumption 20°C / 60% RH	1 150 W <sup>2)</sup>
Weight	16 kg
Size (L x W x H)	415 x 295 x 430 mm
Article number	1002281

<sup>1)</sup> Depending on selected operating mode and installation.

<sup>2)</sup> Operating mode Max Mode

## ERGONOMIC DESIGN



The machines have a handle that is easy to grip. The narrow design of the machines keep them close to the body when lifted, and therefore kinder to the body. Because our machines are often carried up stairs our machines are short. The rounded, soft rubber corners do not rub clothes or the body.



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

## ACCESSORIES

Filter (1002720).....	p. 94
Hose Ø 51 mm.....	p. 91
Hose Ø 82 mm.....	p. 91
Hose Ø 102 mm.....	p. 91

## CAN BE COMBINED WITH

SuperVision® .....	p. 82
A4 ES.....	p. 23
A4 ES X.....	p. 24
K3 ES HP .....	p. 34
K5 ES HP PX.....	p. 35
T2 ES.....	p. 42
T4 ES .....	p. 43
WS4 ES .....	p. 54
AX3000.....	p. 60
HP 2000XT .....	p. 61

# ADSORPTION DEHUMIDIFIER A4 ES

Adsorption dehumidifier A4 ES has digital controls and is designed for small and large drying assignments. It has a dry air volume of up to 350 m<sup>3</sup>/h and a drying capacity of 27 l/day at 60% RH and 20°C.



Read more about the ES series and SuperVision® on page 12-15.

As a member of the ES family, the A4 ES has a lot of integrated operating and control modes, which allows the drying effect to be optimised for the relevant drying assignment, at the same time as the machine retains a lower energy consumption than traditional adsorption dehumidifiers.

The machine is robust, stackable, compact and ergonomically designed, which facilitates the work for the moisture control technician and makes it easy to move between dehumidifying assignments. It is extremely quiet, which is a great advantage when used in residential environments for example.

Adsorption dehumidifier A4 ES works with all other ES machines and is prepared so that it can be monitored remotely with SuperVision®.

## TECHNICAL DATA

Capacity 20°C, 60% RH	Up to 27 l/day
ΔX	Up to 5 g/kg
Dry air volume	Up to 350 m <sup>3</sup> /h
Dry air distribution	2 x ø50 + 2 x ø100 mm
Humid air	1 x ø80 mm
Noise level (3m)	44-54 dB(A) <sup>1)</sup>
Connection	230 V / 50 Hz
Max power consumption	1500 W
Real consumption 20°C / 60% RH	1500 W <sup>2)</sup>
Weight	18 kg
Size (L x W x H)	475 x 295 x 430 mm
Article number	1002760

<sup>1)</sup> Depending on selected operating mode and installation.

<sup>2)</sup> Operating mode Max Mode

## ERGONOMIC DESIGN



The machines have a handle that is easy to grip. The narrow design of the machines keep them close to the body when lifted, and therefore kinder to the body. Because our machines are often carried up stairs our machines are short. The rounded, soft rubber corners do not rub clothes or the body.



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

## ACCESSORIES

Filter (1002720).....	p. 94
Hose Ø 51 mm.....	p. 91
Hose Ø 82 mm.....	p. 91
Hose Ø 102 mm.....	p. 91

## CAN BE COMBINED WITH

SuperVision® .....	p. 82
A2 ES.....	p. 22
A4 ES X.....	p. 24
K3 ES HP .....	p. 34
K5 ES HP PX.....	p. 35
T2 ES.....	p. 42
T4 ES .....	p. 43
WS4 ES .....	p. 54
AX3000.....	p. 60
HP 2000XT .....	p. 61

# ADSORPTION DEHUMIDIFIER A4 ES X

Adsorption dehumidifier A4 X, is the largest model in the ES range. It has digital controls and is equipped with an additional heater. It has a dry air volume of up to 350 m<sup>3</sup>/h and a drying capacity of 27 l/day at 60% RH and 20°C. A4 ES X is equipped with an additional heater for use in unheated environments and in areas where moisture has penetrated the material.



Read more about the ES series and SuperVision® on page 12-15.

As a member of the ES family, the A4 ES X has a lot of integrated operating and control modes, which allows the drying effect to be optimised for the relevant drying assignment, at the same time as the machine retains a lower energy consumption than traditional adsorption dehumidifiers.

The machine is robust, stackable, compact and ergonomically designed, which facilitates the work for the moisture control technician and makes it easy to move between dehumidifying assignments. It is extremely quiet, which is a great advantage when used in residential environments for example.

Adsorption dehumidifier A4 ES X works with all other ES machines and is prepared so that it can be monitored remotely with SuperVision®.

## TECHNICAL DATA

Capacity 20°C, 60% RH	Up to 27 l/day
ΔX	Up to 5 g/kg
Dry air volume	Up to 350 m <sup>3</sup> /h
Dry air distribution	2 x ø50 + 2 x ø100 mm
Humid air	1 x ø80 mm
Noise level (3m)	44-54 dB(A) <sup>1)</sup>
Connection	230 V / 50 Hz
Max power consumption	1 500 W
Real consumption 20°C / 60% RH	1 500 W <sup>2)</sup>
Power consumption w. additional heater	2 500 W
Weight	18 kg
Size (L x W x H)	475 x 295 x 430 mm
Article number	1002186

<sup>1)</sup> Depending on selected operating mode and installation.  
<sup>2)</sup> Operating mode Max Mode

## ERGONOMIC DESIGN



The machines have a handle that is easy to grip. The narrow design of the machines keep them close to the body when lifted, and therefore kinder to the body. Because our machines are often carried up stairs our machines are short. The rounded, soft rubber corners do not rub clothes or the body.



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

## ACCESSORIES

Filter (1002720).....	p. 94
Hose Ø 82 mm.....	p. 91

## CAN BE COMBINED WITH

SuperVision® .....	p. 82
A2 ES .....	p. 22
A4 ES .....	p. 23
K3 ES HP .....	p. 34
K5 ES HP PX.....	p. 35
T2 ES.....	p. 42
T4 ES .....	p. 43
WS4 ES .....	p. 54
AX3000 .....	p. 60
HP 2000XT .....	p. 61



***ANALOGUE OR DIGITAL***

***CORROVENTA'S ADSORPTION DEHUMIDIFIERS ARE AVAILABLE IN BOTH DIGITAL AND ANALOGUE VERSIONS WITH STRONG COMMON BENEFITS; THEY ARE POWERFUL AND ROBUST, COMPACT AND USER-FRIENDLY, AND OFFER TOP CLASS PERFORMANCE. QUITE SIMPLY BUILT FOR PROFESSIONALS.***

# ADSORPTION DEHUMIDIFIER A2

Adsorption dehumidifier A2 has analogue controls and is designed for small and medium drying assignments. It has a dry air volume of up to 220 m<sup>3</sup>/h and a drying capacity of 16 l/day at 60% RH and 20°C.



Adsorption dehumidifier A2 has analogue controls and is the optimum choice when manual control is necessary. The machine is robust, stackable, compact and ergonomically designed, which facilitates the work for the moisture control technician and makes it easy to move between dehumidifying assignments. It is extremely quiet, which is a great advantage when used in residential environments for example.

## TECHNICAL DATA

Capacity 20°C, 60% RH	Up to 16/12 l/day <sup>2)</sup>
Dry air volume	Up to 220/170 m <sup>3</sup> /h <sup>2)</sup>
Dry air distribution	2 x ø50 + 1 x ø100 mm
Humid air	1 x ø80 mm
Noise level (3m)	50-55 dB(A) <sup>1)</sup>
Connection	230 V / 50 Hz
Max power consumption	1 250 W
Real consumption 20°C / 60% RH	900/1 200 W <sup>2)</sup>
Weight	16 kg
Size (L x W x H)	415 x 295 x 430 mm
Article number	1003676

<sup>1)</sup> Depending on selected operating mode and installation.

<sup>2)</sup> High/low speed

## ERGONOMIC DESIGN



The machines have a handle that is easy to grip. The narrow design of the machines keep them close to the body when lifted, and therefore kinder to the body. Because our machines are often carried up stairs our machines are short. The rounded, soft rubber corners do not rub clothes or the body.

## ACCESSORIES

Filter (1002720).....	p. 94
Hose Ø 51 mm.....	p. 91
Hose Ø 82 mm.....	p. 91
Hose Ø 102 mm.....	p. 91

## CAN BE COMBINED WITH

A4.....	p. 27
T2.....	p. 44
AX3000.....	p. 60
HP 2000XT.....	p. 61

# ADSORPTION DEHUMIDIFIER A4

Adsorption dehumidifier A4 has analogue controls and is designed for small and large drying assignments. It has a dry air volume of up to 330 m<sup>3</sup>/h and a drying capacity of 25 l/day at 60% RH and 20°C.



Adsorption dehumidifier A4 has analogue controls and is the optimum choice when manual control is necessary. The machine is robust, stackable, compact and ergonomically designed, which facilitates the work for the moisture control technician and makes it easy to move between dehumidifying assignments. It is extremely quiet, which is a great advantage when used in residential environments for example.

## TECHNICAL DATA

Capacity 20°C, 60% RH	Up to 25/17 l/day <sup>2)</sup>
Dry air volume	Up to 330/210 m <sup>3</sup> /h <sup>2)</sup>
Dry air distribution	2 x ø50 + 2 x ø100 mm
Humid air	1 x ø80 mm
Noise level (3m)	50-55 dB(A) <sup>1)</sup>
Connection	230 V / 50 Hz
Max power consumption	1 550 W
Real consumption 20°C / 60% RH	1 100/1 500 W <sup>2)</sup>
Weight	18 kg
Size (L x W x H)	475 x 295 x 430 mm
Article number	1003677

<sup>1)</sup> Depending on selected operating mode and installation.  
<sup>2)</sup> High/low speed

## ERGONOMIC DESIGN



The machines have a handle that is easy to grip. The narrow design of the machines keep them close to the body when lifted, and therefore kinder to the body. Because our machines are often carried up stairs our machines are short. The rounded, soft rubber corners do not rub clothes or the body.

## ACCESSORIES

Filter (1002720).....	p. 94
Hose Ø 51 mm.....	p. 91
Hose Ø 82 mm.....	p. 91
Hose Ø 102 mm .....	p. 91

## CAN BE COMBINED WITH

A2.....	p. 26
T2.....	p. 44
AX3000.....	p. 60
HP 2000XT .....	p. 61

# ADSORPTION DEHUMIDIFIER A50 TD 2

Highly efficient mobile adsorption dehumidifier for large and demanding work. A50 TD 2 is ideal for the dehumidification of large new-builds, as well as renovations or emergency action such as drying in connection with fires and floods.



A50 TD 2 has a dry air flow of up to 4300 m<sup>3</sup>/h and is equipped with additional heater. It is extremely user-friendly and contains all the necessary equipment for large drying jobs. The machine can be located both indoors and outdoors.

- ▶ Ideal for large, demanding drying jobs and building dehumidification.
- ▶ Can be lifted by a forklift truck or crane.
- ▶ Simple start-up, operation and monitoring. Controlled and maintained via touch panel.
- ▶ Energy efficient: Recovers 85 % of the heat, thanks to the patented technology.
- ▶ High capacity - up to 450l/day.
- ▶ A B-class driving licence is required to transport the machine.

## TECHNICAL DATA

Power supply 3-phase Dehumidification	400 V 32 A
Power Supply 3-phase Extra heater (when needed)	400 V 32 A
Power consumption	17,5 kW
Power consumption Extra heater (when needed)	12,0 kW
Maximum airflow	4 300 m <sup>3</sup> /h
Capacity (20°C, 80% RH)	450 l/day
Dimensions (L x W x H)	410 x 200 x 190 cm
Weight	1 090 kg
Article number	05555

## HIGH EFFICIENCY AND FULLY EQUIPPED



Adsorption dehumidifier A50 TD 2 is suitable for large new buildings or major water damage. It is extremely user-friendly and contains all the necessary equipment for large drying jobs.

## DRYING TECHNIQUE



A50 TD2 recovers 85 % of the heat, thanks to the patented technology. The machine can be located both indoors and outdoors.

## ACCESSORIES

- Hygrostat HR1-5 ..... p. 84
- Hygrostat HMH1-10 ..... p. 84
- Filter (05556)
- Filter (05558)

## CAN BE COMBINED WITH

- AX3000 ..... p. 60
- HP 2000XT ..... p. 61

# ADSORPTION DEHUMIDIFIER CTR 10000

Highly efficient mobile adsorption dehumidifier for large and demanding work. On a trailer, this CTR drier is always ready for rapid deployment wherever the catastrophe has occurred.



- ▶ Ideal for large, demanding drying jobs and building dehumidification.
- ▶ 10,000 m<sup>3</sup>/h dry air, capacity 875 l/day.
- ▶ The drier can be lifted by a forklift truck or crane.

## TECHNICAL DATA

Power supply	3 ~ 400 V 63 A
Power consumption	36,2 kW
Dry air - 1 fan	5 000 m <sup>3</sup> /h 2,2 kW
Dry air - 2 fans	10 000 m <sup>3</sup> /h 4,4 kW
Reg-air	1800 m <sup>3</sup> /h 0,75 kW
Reg-power - one heater	15,5 kW
Reg-power - two heaters	31,0 kW
Capacity +20°C, 80% RH	875 l/day
Weight	1 080 kg
Weight with trailer	1 560 kg
Size (L x W x H)	300 x 170 x 180 cm
Size with trailer (L x W x H)	485 x 233 x 220 cm
Article number	05000

## HIGH EFFICIENCY AND FULLY EQUIPPED



Major costs can be avoided if the drying process is started quickly and in an effective way. Adsorption dehumidifier CTR 10000 is suitable for large new buildings or major water damage. On a trailer it is always ready for rapid deployment.

## DRYING TECHNIQUE



CTR 10000 is extremely user-friendly and contains all the necessary equipment for large drying jobs. The machine can be located both indoors and outdoors. (The image above shows A50 TD 2)

## ACCESSORIES

- Hygrosat HR1-5 ..... p. 84
- Hygrosat HMH1-10 ..... p. 84
- Filter (05110)
- Filter (05111)

## CAN BE COMBINED WITH

- AX3000 ..... p. 60
- HP 2000XT ..... p. 61

# ADSORPTION DEHUMIDIFIER LKV 1000XT

Adsorption dehumidifier CTR LKV 1000XT is ideal for emergency response and building drying as it produces water, adds heat and can be used in cold areas.



The machine automatically pumps out the condensation water, to a maximum pump height of 4 metres. It also dehumidifies at low temperatures and supplies the room with 3 kW of heat during operation, despite a low energy consumption of only 1.7 kW. CTR LKV 1000XT has a capacity of 20 l/day.

## TECHNICAL DATA

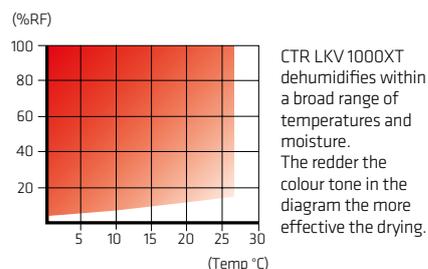
Capacity +20°C, 60% RH	20 l/day
Dry air volume	450 m <sup>3</sup> /h
Cooling air volume	550 m <sup>3</sup> /h
Total air volume	1 000 m <sup>3</sup> /h
Dry air distribution	2 x ø100 mm
Noise level (3 m)	66 dB
Power supply	230 V / 50 Hz
Power consumption	1 780 W
Real consumption 20°C / 60% RH	1 700 W
Weight	47 kg
Size incl. cart (L x W x H)	480 x 550 x 930 mm
Article number	21050

## WELL THOUGHT OUT DETAILS



- ❶ Equipped with pull handle and large wheels for easy movement.
- ❷ Neat holder for condensation water hose.
- ❸ Handle on each side means that two people can lift and carry the machine.
- ❹ Rubber feet protect the floor from drag marks.

## TEMPERATURE AND MOISTURE RANGE



## ACCESSORIES

Hygrostat HR1-5 .....	p. 84
Hygrostat HMH1-10 .....	p. 84
Filter (20184) .....	p. 93
Filter (21044) .....	p. 93
Hose Ø 102 mm .....	p. 91

## CAN BE COMBINED WITH

AX3000 .....	p. 60
HP 2000XT .....	p. 61