
A15 DEHUMIDIFIER & C15 CONDENSER FOR LARGER ASSIGNMENTS

SWEDISH-MADE
ADSORPTION DEHUMIDIFIER
& CONDENSER WITH
POWERFUL PERFORMANCE



CorroVenta[®]

POWERFUL DEHUMIDIFIER WITH UNIQUE ADVANTAGES

The innovative A15 dehumidifier is ideal for when you need powerful and quiet dehumidification with minimal energy consumption. This could be building dehumidification as well as dry air storage, industrial or other fixed dehumidification installations. The A15 has a smart and robust construction that provides a long service life in demanding environments.

IMMENSE PERFORMANCE IN A COMPACT SIZE

Thanks to its clever design, the A15 has a large dehumidification capacity in relation to its size. This gives you more flexibility in terms of installation location and makes transportation easy. For example, it is built to be easily transported through doorways. For storage, the A15 dehumidifier can fit on a Euro pallet, providing efficient logistics and handling.

CORROVENTA'S PROMISE - FOCUS ON THE USER

At Corroventa, we always strive to develop products that are user-friendly and easy to service and maintain. The A15 has a unique feature in the form of a pull-out service cassette, which makes it easy to access the dehumidifier's various components for maintenance. This solution saves the user both time and trouble. In addition, the dehumidifier's filters can be replaced quickly and easily through dedicated hatches. There is no need to disconnect ducts or remove service hatches.

The A15 is a powerful adsorption dehumidifier with two separate air flows in the dehumidification process. This provides the option to create different pressure conditions in the dehumidified space for optimum performance and to meet requirements regarding e.g. negative pressure, zero pressure or over pressure.

Two quiet, powerful and energy-efficient EC fans provide an impressive pressure set-up in different types of installations. Another advantage of the EC fans is that they simplify installation by eliminating the need to refer to the phase sequence of the power supply. The dehumidifier's smart PTC heater regulates the heat output automatically, thereby reducing the risk of overheating.

The A15 has a broad working range and is ideal for dehumidification in the event of major water damage or for building dehumidification. It is also suitable for fixed dehumidification installations in order to control the humidity in warehouses, storage rooms or large water plants, for example.



The hatch is kept closed by two compression locks and can be opened without any tools. This provides quick and easy access to the rotor and components.



The dehumidifier's filters can be replaced quickly and easily through separate hatches. There is no need to disconnect ducts or remove service hatches.



POTENTIAL TO CONNECT TO SUPERVISION 2.0



EASY TO SERVICE AND MAINTAIN



THE A15 FITS ON EURO PALLETS TO SIMPLIFY TRANSPORT BETWEEN ASSIGNMENTS.

FLEXIBLE INSTALLATION

The A15 is a four-hole machine with separate air flow for regeneration and purge zone. The separate air flow allows for different pressure conditions to be created to control air movement in the spaces connected to the dehumidifier. The purge zone reduces energy consumption.

THE ELECTRONICS are well protected in the electronics cabinet with a slight overpressure created by filtered dry air. This prevents moisture and dust from being drawn into the electronics, providing a longer service life and reliability.

WITHSTANDS ROUGH HANDLING

Well-protected components and controls reduce the need for repairs.

SERVICE MODE WITH OPEN HATCH AND PULL-OUT CASSETTE facilitates access to the rotor and components for easier cleaning and shorter service time.



HIGH-EFFICIENCY

EC FANS that are extra powerful, quiet and energy efficient for effective distribution of the air flows.

FILTER MONITOR that warns when the filter needs to be replaced.

250 MM CONNECTOR

On process and dry air for connection to ducts or free-blowing

3-PHASE 16 A INLET

is easily connected with a standard cable.

ROTOR MONITOR

that gives an alert if the rotor stops.

PASSES THROUGH A STANDARD 800 MM DOORWAY

FITS ON A EURO PALLET for easy transportation.



The A15 is suitable for both fixed and mobile installations, and is equipped with a cage that makes it easy to transport the machine.

TECHNICAL DATA A15 ADSORPTION DEHUMIDIFIER

TECHNICAL DATA

Product name	A15
Capacity 20°C, 60% RH, l/day	190
Dry air flow, m ³ /h	1500
Wet air flow, m ³ /h	475
Heat output, kW	9.3
Power consumption, kW	10
Process air connector, mm	Ø 250
Dry air connector, mm	Ø 250
Wet air connector, mm	Ø 160
Regeneration connector, mm	Ø 160
Fuse 3N~400 V/50 Hz (A)	16
Weight, kg	162
Size (L x W x H), mm excl. connectors	1000 x 670 x 988
Article number	1004690

C15 – A FLEXIBLE AND ENERGY-EFFICIENT ACCESSORY FOR THE A15 DEHUMIDIFIER

The C15 is a robust and compact condenser that has been developed for the A15 adsorption dehumidifier. Like all Corroventa products, it is of the highest quality and delivers maximum energy efficiency, which benefits both the environment and the overall cost.

FLEXIBLE INSTALLATION

The C15 is an accessory that provides the opportunity to use the A15 as an L (LKV) machine, thereby enhancing an already competent and versatile dehumidifier.

The use of the C15 module means that the supplied electrical energy remains indoors. In addition, the condensation of the wet air leads to the release of latent heat, which is equivalent to up to 2 kW of continuous heat output. These factors, combined with the ease of installation, make the A15/C15 combination a highly attractive alternative as there is also a need for heating in the premises.



For mobile use, the C15 is equipped with wheels for easy handling, for example in construction environments or in the event of water damage.

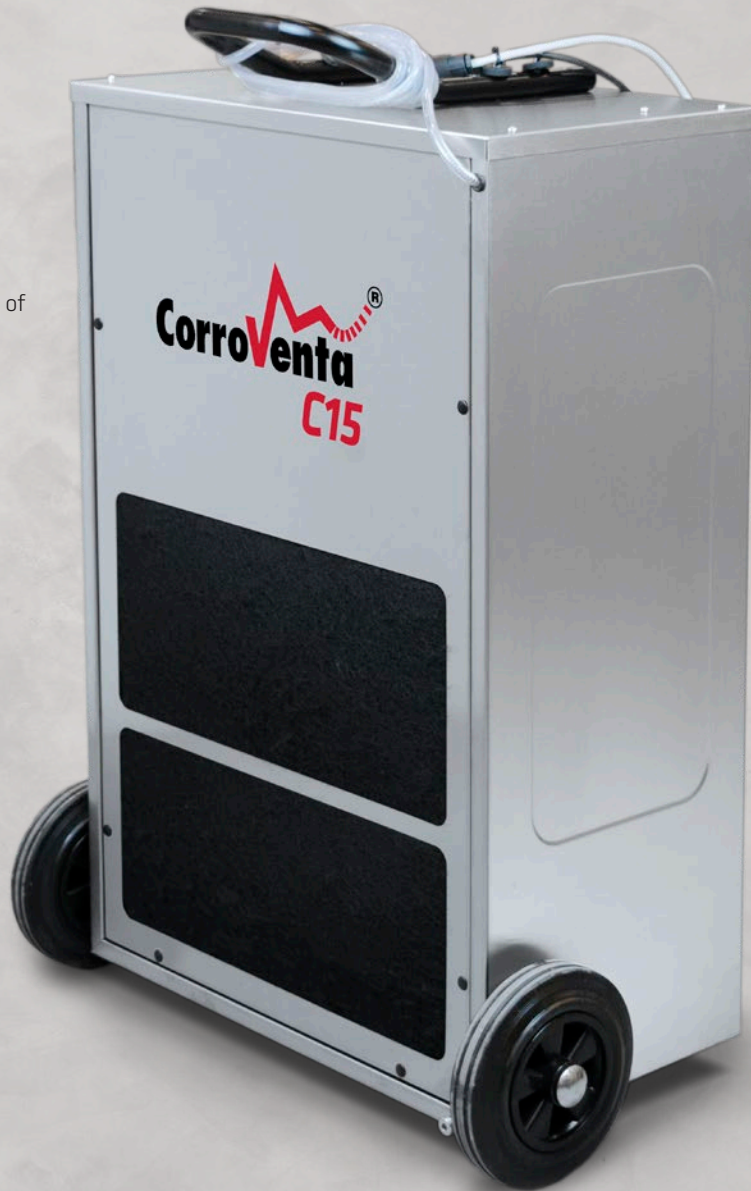


ENGINEERED FOR VERSATILITY

The C15 has been designed for drying water damage and for building dehumidification, as well as fixed installations in both warehouses and industry. The C15 is available in both mobile and stationary versions.



When plugged in and in use, the C15 becomes an integral part of the A15 machine's control system, and is consequently also compatible with SuperVision®.



OVERFILL PROTECTION
stops the A15 in the event of an overflowing water tray.

CONDENSATION WATER
is pumped out with a powerful, built-in pump.

ROBUST DESIGN and carefully thought-out materials.

AIR FILTER with large area and with monitoring via the A15.

INTEGRATES SEAMLESSLY WITH THE A15
Connects easily to the A15 and its control system.

STAINLESS STEEL
for long service life and optimum performance.

THERMAL ENERGY IS EMITTED DURING THE CONDENSATION PROCESS,
providing additional heat to the dehumidified room.

LOW NOISE
The condenser works extremely quietly.

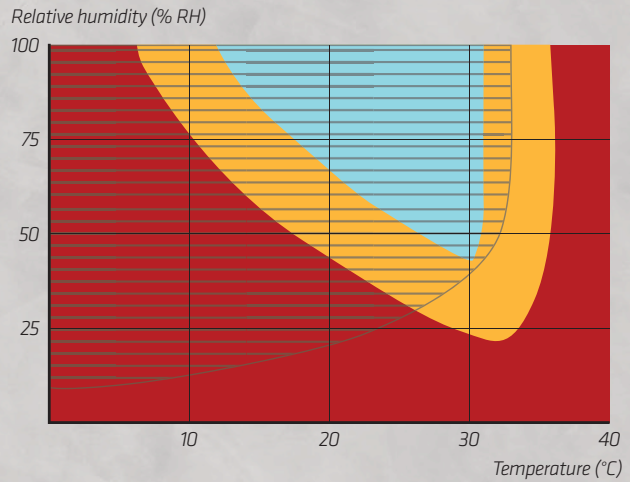
TECHNICAL DATA C15 CONDENSER

TECHNICAL DATA

Product name	C15 with wheels	C15 without wheels
With A15, capacity 20°C, 60% RH, l/day	75	75
Dry air flow, A15, m ³ /h	1500	1500
Heating output in L-mode, kW	6 kW (A15)	6 kW (A15)
Connector configuration	Customised as regards size and location for direct connection to the A15	Customised as regards size and location for direct connection to the A15
Filter area (mm)	495x495	495x495
Weight, kg	54	51
Size (L x W x H), mm incl. connectors, wheels and handle	507 x 725 x 1030	440 x 575 x 1030
Article number	1006167	1006237

CHOOSE THE RIGHT DEHUMIDIFIER

- **Adsorption dehumidifier** – superior performance in the red area. Also works in the yellow and blue areas.
- ▣ **Adsorption dehumidifier with condenser** – dehumidifier combined with condenser. Works in the hatched area.
- **Condensing dryer** – superior technology in the blue area. Does not work in the red area.
- **Transition zone**



DO YOU HAVE ANY QUESTIONS OR DO YOU NEED OUR SUPPORT?

***Please visit www.corroventa.com or call us on +44(0) 161-2449523 and speak to an expert.
We have the knowledge and the equipment to find a solution as efficiently as possible.***

Corroventa develops, manufactures, sells and rents high quality products for dealing with water damage, moisture, odours and radon. We are one of the market leaders and are specialists 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 our factory in Bankeryd, Småland.

www.corroventa.com



Corroventa®

CORROVENTA LTD

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