

LIVING ENVIRONMENT **MOISTURE, ODOURS AND RADON**

Damp, odour and radon are the most common causes of negative influences in living environments, which can lead to serious damage and costs. For this reason, as a property owner it is important to protect one's house in order to create a safe and healthy residential environment.



CORROVENTA'S SOLUTION FOR PROBLEMS WITH MOISTURE IN THE CRAWL SPACE

Moisture and water damage are one of the most common problems affecting a house holder. Moisture is present in the form of steam, water or ice. All air contains a greater or lesser degree of moisture. We can't see it with the naked eye before it appears in the form of small water drops against a cold surface of metal or glass. Damp, in itself, is completely harmless, but damp together with organic materials, such as for example in a crawlspace, often causes problems in the form of mould, fungus and odours.

All house constructions have crawl spaces with different ventilation conditions. There are unventilated, indoor air ventilated or outdoor air ventilated crawl spaces. All types of crawl spaces are at risk of moisture damage, but those that are outdoor air ventilated are often particularly vulnerable.

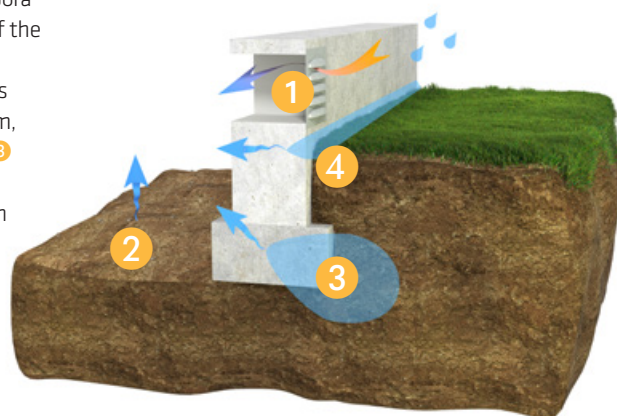
THIS IS HOW DAMP IN CRAWL SPACES OCCURS

All air contains moisture, which in itself is completely harmless. But damp together with organic materials found in a crawlspace, often causes problems in the form of rot, mould and fungus. This is usually detected by the smell.

That the moisture level in a crawlspace becomes so great that it becomes a problem can depend on one or several causes.

- ▶ When hot outdoor air enters the cold crawlspace via vents or cracks ①, it cools down, at which point the air humidity increases. In extreme cases condensation and water drops are created that hang from the ceiling above.
- ▶ Addition of damp through evaporation from the ground surface of the crawl space ②.
- ▶ Moisture from the surroundings through penetrating water from, for example, lack of drainage. ③
- ▶ Water that penetrates into the crawl space through foundation walls from the ground, for example from downpipes and rain water. ④.

Problems with moisture in the crawl space can occur in many different ways. Crawl space constructions ventilated by outdoor air are usually extremely sensitive to moisture.

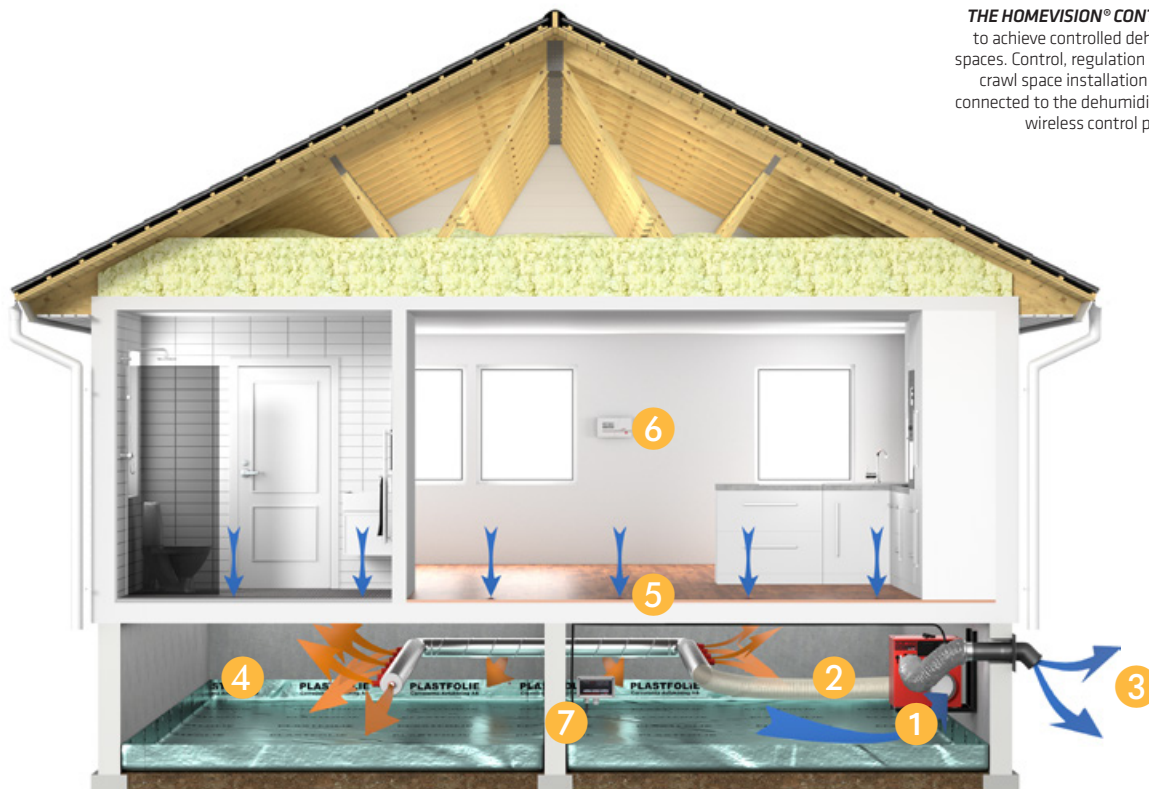


EASY MONITORING WITH HOMEVISION®

The HomeVision® control system is used to achieve controlled dehumidification in crawl spaces. The crawl space installation is monitored, controlled and regulated via a hygrostat section connected to the dehumidifier and a wireless control panel in the living environment.

▶ Read more about our different control systems on pages 76-81.





THE HOMEVISION® CONTROL SYSTEM is used to achieve controlled dehumidification in crawl spaces. Control, regulation and monitoring of the crawl space installation occurs via a hygrostat connected to the dehumidifier in the space and a wireless control panel in the living area.

PRINCIPLE FOR DEHUMIDIFYING CRAWLSPACES

When outdoor air, particularly during the warm times of year, enters the crawl space ④ under the house it is cooled by the cool environment and the relative moisture increases and, therewith, the risk of mould infestation and odours. By drying the air, so that the relative humidity remains below 65-70 %, mould can be prevented.

The air in the crawlspace is sucked into the dehumidifier ①. The dry air ② must be distributed in such a way that the crawlspace remains dry. The dehumidifier draws out the moisture ③ from the crawl space to the surroundings via the wet air.

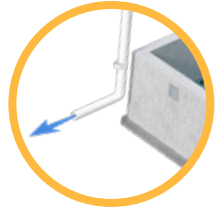
Crawl space dehumidifier CTR 300TT2 is designed so that it, without any major impact on the efficiency of the machine, allows you as a user to adjust the amount of wet air ③ that leaves the crawl space.

In this way, the negative pressure in the crawlspace ④ is controlled so that any odours ⑤ and any radon are prevented from penetrating the living environment.

Control, regulation and monitoring of the crawl space installation occurs via a hygrostat ⑦ connected to the dehumidifier in the space and a wireless control panel ⑥ in the living environment.

THIS IS HOW YOU SOLVE DAMP PROBLEMS THROUGH DEHUMIDIFICATION.

- Route water away from e.g. downpipes that exit close to foundation walls.
- Cover the ground in the crawlspace with a plastic sheet to prevent moisture evaporation.
- Block and seal all vents and cracks in the crawlspace so that no outside air enters.
- Permanently install a crawlspace dryer that maintains humidity at such a low level that mould, fungus etc. is prevented.



CRAWL SPACE DEHUMIDIFIER WITH IMPRESSIVELY LOW ENERGY CONSUMPTION

Adsorption dehumidifier CTR 300TT2 has been part of our range for 20 years and is one of our faithful servants. It is specially designed for use in crawl spaces where the requirements are for robustness, operational safety and long service life. It is also suitable for air and radon remediation.

► Read more about our different crawl space dehumidifiers on pages 62-64.



CRAWLSPACE DEHUMIDIFIER CTR 300TT2

Adsorption dehumidifier for fixed installation in crawl spaces, with a dry air volume of up to 300 m³/h. CTR 300TT2 has one of the lowest energy consumptions on the market



CTR 300TT2 is specially designed for use in crawl spaces, where the requirements are for energy efficiency, operational safety, fire resistance and long service life.

Thanks to our patented damper solution which creates negative pressure in the crawl space, CTR 300TT2 is also suitable for air and radon decontamination.

SOME ADVANTAGES OF CTR 300TT2

- ▶ Controlled and monitored wirelessly with HomeVision® PRO
- ▶ Designed for foundations up to 200 m³
- ▶ Effective for air and radon decontamination.
- ▶ High quality and long service life
- ▶ Energy efficient and has low operating costs

COMBINED WITH

HomeVision® PRO.....page 78

ACCESSORIES

Mounting kit TT Multi (9910590) ...page 85
 Silencer (9920901)..... page 86
 Replacement filter (9920184)page 89
 Nozzle (9910440)page 92

CONTROL SYSTEM



EASY MONITORING WITH HOMEVISION® PRO

The dehumidifier is controlled and monitored by our HomeVision® PRO system, which consists of a hygrostat placed in the crawl space and a wireless, digital control panel inside the accommodation.



CTR 300TT2 has been part of our range for over 20 years and is one of our faithful servants. Corroventa has developed a complete range of mounting kits for quick, easy and correct mounting in crawl spaces.

TECHNICAL DATA

Dry air volume	200-300 m ³ /h
Wet air volume	45-130 m ³ /h
Connection	230 V, 50 Hz
Rated power	1,015 W
Real consumption	Approx. 850 W
Process air inlet	Ø 160 mm
Wet air outlet	Ø 75 mm
Dry air outlet	1x Ø 100 mm + (2x Ø 50 mm)
Noise level (3m)	Approx. 56 dB
Weight	16 kg
Size (L x W x H)	420 x 325 x 360 mm
Dehumidification capacity at: 20°C / 60% RH	21 l/day
Dehumidification capacity at: 10°C / 60% RH	14 l/day
Dehumidification capacity at: 5°C / 60% RH	12 l/day
Article number	9902900

CRAWL SPACE DEHUMIDIFIER CTR STD-TT

CTR STD-TT is our smallest adsorption dehumidifier for fixed installation in crawl spaces, with a dry air volume of 200-220 m³/h.



Crawl space dehumidifier CTR STD-TT is specially designed for foundations with only damp problems. Its energy consumption is among the lowest on the market, and therefore it is superior than most in terms of energy. CTR STD-TT is specially designed for use in crawl spaces, where there are high requirements for robustness, operational safety and long service life.

SOME ADVANTAGES OF CTR STD-TT

- ▶ Controlled and monitored wirelessly with HomeVision® PRO
- ▶ Designed for foundations up to 150 m³
- ▶ High quality and long service life
- ▶ Energy efficient and has low operating costs



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HomeVision® PRO.....page 78

ACCESSORIES

Mounting kit TT Multi (9910590) ..page 85
Filter (1000926)..... page 88
Nozzle (9910440)page 92

CONTROL SYSTEM



EASY MONITORING WITH HOMEVISION® PRO

The dehumidifier is controlled and monitored by our HomeVision® PRO system, which consists of a hygrostat placed in the crawl space and a wireless, digital control panel inside the accommodation.



Crawl space dehumidifier CTR STD-TT is specially designed for use in crawl spaces. It consumes very little energy and is one of the most energy efficient crawl space dehumidifiers on the market.

TECHNICAL DATA

Dry air volume	200-220 m ³ /h
Wet air volume	30-40 m ³ /h
Connection	230 V, 50 Hz
Rated power	860 W
Real consumption	775 W
Wet air outlet	Ø 80 mm
Dry air outlet	Ø 100 mm
Noise level (3m)	56 dB
Weight	15 kg
Size (L x W x H)	455 x 325 x 290 mm
Overheating protection	3 pcs
Dehumidification capacity at: 20°C, 60% RH	17 l/day
Dehumidification capacity at: 10°C, 60% RH	13 l/day
Dehumidification capacity at: 5°C, 60% RH	11 l/day
Article number	9902700

CRAWL SPACE DEHUMIDIFIER CTR 500TT

CTR 500TT is our largest dehumidifier for fixed installation in crawl spaces, with a dry air volume of up to 500 m³/h.



The crawl space dehumidifier has a high capacity in relation to its size. CTR 500TT is specially designed for use in crawl spaces, where there are high requirements for robustness, operational safety and long service life. The machine is used in spaces with only damp problems.

SOME ADVANTAGES OF CTR 500TT

- ▶ Designed for foundations of up to 350 m³.
- ▶ Extremely effective against problems with damp
- ▶ High quality and long service life
- ▶ Energy efficient and has low operating costs

COMBINED WITH

Control panel..... page 80

ACCESSORIES

Mounting kit 500TT
Universal (9910575) page 85
Replacement filter (9900208) .. page 89
Nozzle (9910440) page 92

CONTROL SYSTEM



EASY MONITORING WITH CONTROL PANEL

The crawl space dehumidifier is controlled using a hygrometer that is positioned in the crawl space where the conditions are considered representative or particularly critical and the drying can be monitored via a control panel inside the residence.



CTR 500TT is specially designed for use in crawl spaces. Corroventa has developed a complete range of mounting kits for quick, easy and correct installation.

TECHNICAL DATA

Dry air volume	500 m ³ /h
Wet air volume	60-80 m ³ /h
Process air inlet	Ø 2x125 mm
Dry air outlet	2x 100 mm + (3x Ø 50 mm)
Wet air outlet	Ø 75 mm
Connection	230 V / 50 Hz
Rated power	1780 W
Real consumption	Approx. 1500 W
Noise level (3m)	62 dB
Weight	21 kg
Size (L x W x H)	480 x 385 x 400 mm
Dehumidification capacity at: 20°C / 60% RH	35 l/day
Dehumidification capacity at: 10°C / 60% RH	24 l/day
Dehumidification capacity at: 5°C / 60% RH	21 l/day
Article number	9920701



EXPERT ASSISTANCE AND PROBLEM SOLVING

AT CORROVENTA WE ARE VERY MUCH APPRECIATED FOR OUR HIGH STANDARDS OF SERVICE AND LEVELS OF KNOWLEDGE. WE ARE HAPPY TO HELP WHEN YOU NEED ADVICE. CALL US ON +44 (0)161-244 95 23 AND SPEAK TO AN EXPERT.

RECTIFY MOISTURE PROBLEMS IN ATTICS WITH DEMAND CONTROLLED VENTILATION

Cold attic spaces with natural ventilation run the greatest risk of being affected by moisture problems. According to an investigation carried out by the Swedish National Board of Housing, about 300,000 buildings in Sweden suffer from mould, mildew odours or high moisture levels that can be directly traced to problems in the attic. In the long term this can cause damage to the construction.

There are many things that can cause problems with moisture and mould in the attic:

- ▶ Warm moist air from the indoor environment enters the cold attic through unsealed areas and condenses.
- ▶ Additional attic insulation means that the attic gets colder, which means that moisture condenses more easily.
- ▶ Changing a heat source also means changes to the air pressure throughout the house. Switching to geothermal/district heating means that a chimney that was previously warm is now cold, and there is no longer any "chimney effect".
- ▶ Built-in construction moisture can also cause moisture and mould infestations in the attic.
- ▶ The ventilation requirement varies from attic to attic and during the course of the year. Ventilating an attic space too much can also cause problems. If the outdoor temperature is cold, the air in the attic is cooled and can cause condensation against the cold outer roof.

The outside air has a moisture content and temperature that varies a lot during a day and over time - in certain conditions the air has a drying effect, and in other conditions the opposite where ventilating the attic has a negative effect. If the unfavourable periods of ventilation become longer than the favourable ones, the humidity inside the attic increases. During the cold part of the year, the favourable period of a day can be as short as a single hour.

MEASURES THAT SOLVE THE PROBLEM OF DAMP IN THE ATTIC

- ▶ Seal the attic floor and monitor the ventilation in the living environment, especially wet areas, in order to reduce the amount of damp air that flows into the attic space.
- ▶ Install permanent equipment for controlled ventilation in the attic space. This creates a suitable environment for all building materials that prevents mould, rot and other microbial damage.

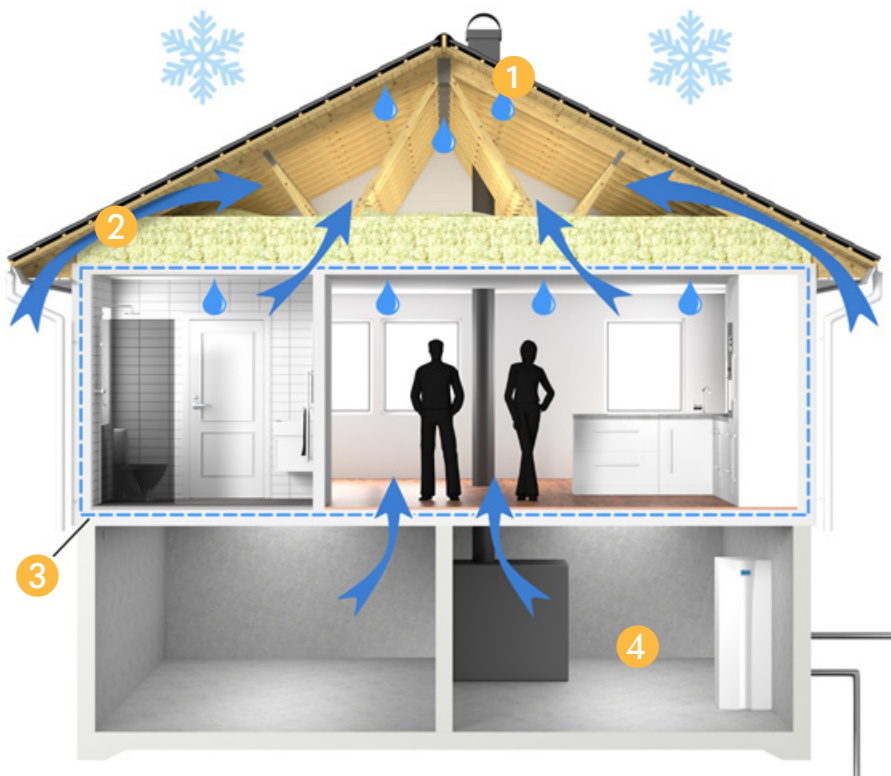


The control unit reads off the sensors and determines, via an algorithm, the size of the ventilation demand.

FACTS ABOUT MOISTURE DAMAGE IN ATTICS

- ▶ According to Anticimex, over 50% of the cold attics in Sweden are at risk for, or already have, moisture related problems. A study from Chalmers University of Technology found that as much as 72% of all small houses with cold attics in Västra Götaland County had high levels of humidity and mould.
- ▶ In recent years Chalmers University of Technology and the KTH, the Royal Institute of Technology in Stockholm, have conducted several studies that have shown that excessive moisture and mould in attics is a major and growing problem.

50%



THINGS THAT CAN CAUSE PROBLEMS WITH MOISTURE AND MOULD IN THE ATTIC:

- ❶ Additional attic insulation means that moisture condenses more easily.
- ❷ Ventilation moisture can occur by an attic being ventilated too much at the wrong time.
- ❸ Warm moist air from the indoor environment enters the cold attic and condenses.
- ❹ Replacement of the heat source affects the air pressure of the whole house. A chimney that was previously warm is now cold, and there is no longer any "chimney effect".

VENTOVIND™ PRO – THIS IS HOW THE SYSTEM WORKS

VentoVind™ Pro is a method for demand controlled ventilation that guarantees that the ventilation only takes place when it benefits the attic space.

The supply air system ensures ventilation at the right times while establishing a pressure situation in the attic that interrupts moisture travel from the accommodation.

The technology works best if the attic is as well-sealed as possible to ensure that all ventilation occurs via the ventilation system, which in its basic form consists of a supply fan and a mechanical or motorised exhaust air damper.

The supply fan is powered and the rotational speed is controlled through a control unit placed inside the attic.

Sensors that measure the outdoor climate as well as the climate in the attic are also connected to the control unit. The control unit reads off the sensors and determines if the ventilation has a drying effect in the attic. Ventilation is optimised to the ventilation demand for the time and as little energy as possible is consumed.

CORROVENTA'S DIFFERENT PACKAGES FOR VENTOVIND™

VentoVind™ is available for the most common types of installation, but the technology is adaptable and works equally well in small attics as well as large cold attic spaces of several hundred square meters.

► Read more about our different packages on page 68.

VENTOVIND™ PRO

Corroventa's VentoVind™ is a system which provides optimised ventilation in regards to moisture and thereby minimises moisture-related problems such as mould and rot.



VENTOVIND™ PRO

- 1 Supply air 2 Fan unit 3 Control unit 4 Air flow 5 Indoor sensor
6 Exhaust air out 7 HomeVision® Control panel 8 Outdoor sensor

Ventovind™ is a system for demand controlled ventilation, which guarantees that the ventilation only takes place when it benefits the attic space. The supply air system ensures ventilation at the right times while establishing a pressure situation in the attic that interrupts moisture travel from the accommodation.

SOME ADVANTAGES OF VENTOVIND™

- ▶ VentoVind™ ensures that the attic is ventilated at the right time, i.e. when the outdoor air has a drying effect. The system means that amount of ventilation is precisely enough for the attic requirement, while being energy efficient.
- ▶ VentoVind™ creates a controlled climate with optimised ventilation without the supply of energy consuming heating.
- ▶ High quality fan and sensors.
- ▶ Control panel for control and regulation.
- ▶ Log on USB memory stick.

TECHNICAL DATA

Connection	230 V / 50 Hz
Noise level (3 m)	36 dB (A)
Article number PRO Villa	1002778
Article number PRO Villa Large	1002779
Article number PRO Special	-----

OUR DIFFERENT PACKAGES FOR VENTOVIND™ PRO

VENTOVIND™ PRO VILLA

VentoVind™ Pro Villa comes complete with control unit, fan 160 and internal mounting hardware adapted for attics up to 100 m³. Supplied with HomeVision® – wireless control panel for controlling, regulating and monitoring the attic installation.



VENTOVIND™ PRO VILLA LARGE

VentoVind™ Pro Villa Large for attics up to 100-150 m³. Complete with control unit, fan 200 and mounting hardware. Supplied with HomeVision® – wireless control panel for controlling, regulating and monitoring the attic installation.

VENTOVIND™ PRO SPECIAL

For large or complex installations, VentoVind™ Pro can be adapted and dimensioned as necessary.

VENTOVIND™ PRO CONTENT

Control unit VentoVind™ Pro
Fan unit, incl. 15 metre cable
HomeVision® control panel
Bracket for fan
Power cable 220 V, 5 metres
Wall plates, internal
Outdoor climate sensor, incl. 15 metre cable
Indoor climate sensor, incl. 15 metre cable
Collar
Protective cover
Bracket for control unit
Hose clamps
Mounting screws for control unit
Back draft damper
Hose SC
User instructions
Operation and maintenance instructions

VENTOVIND™ PRO SPECIAL

Demand controlled ventilation for apartment buildings and larger attic spaces.



VentoVind™ PRO Special comes complete with control unit, fan, damper and mounting hardware adapted for your project, big or small. Supplied with HomeVision® wireless control panel. VentoVind™ PRO Special has the Modbus RS 485 protocol built-in. This makes the system compatible with other property monitoring systems that are also connected to Modbus for central control and monitoring of your property.

SOME ADVANTAGES OF VENTOVIND™ PRO SPECIAL

- ▶ Custom solutions
- ▶ Wireless control panel
- ▶ Modbus RS 485
- ▶ Motorised dampers



SAFE LIVING ENVIRONMENTS WITH CORROVENTA REAL KNOWLEDGE AND EXPERIENCE IS NEEDED FOR YOUR INSTALLATION TO BE RIGHT AND SUITABLE FOR YOUR HOUSE. THEREFORE WE ONLY WORK WITH RETAILERS WHO ARE PROFESSIONAL AT SOLVING PROBLEMS WITH DAMP, ODOURS AND RADON.

PROPOSALS FOR EFFECTIVE ACTION IN EVENT OF HIGH RADON LEVELS IN THE HOME

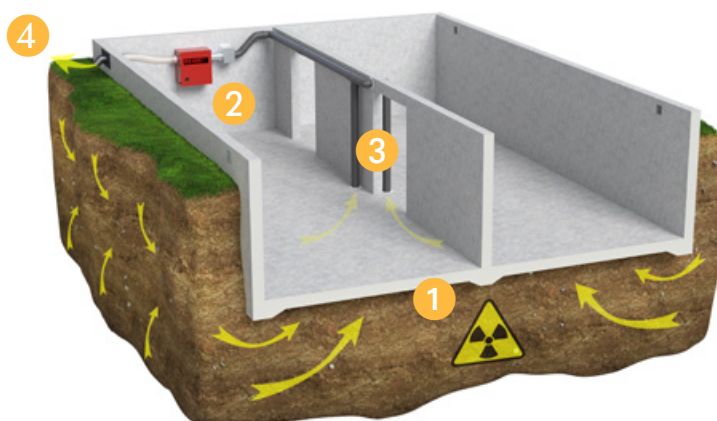
Radon is a radioactive gas that is invisible to the eye and completely odourless. Radon in indoor air is a major health risk, causing a large number of cases of lung cancer every year. According to the World Health Organization (WHO), indoor radon is the second most common cause of lung cancer after smoking.

To guarantee that there are no harmful levels of radon in the living environment, radon measurements must be taken. Measurements are taken during the cold season and should show the radon gas content in the indoor air you breathe. If the measurement shows levels exceeding 200 Bq/m³, an investigation should be carried out to establish the source of the radon gas and thus be able to determine suitable actions. Some important things to consider when choosing between solutions are lifespan and energy consumption and how the installations affect the property as a whole.

LONG EXPERIENCE

Corroventa has experience based on more than 19,000 radon measurements and we have supplied equipment to more than 3000 radon remediation projects. This is something we are happy to share with our customers by providing support in project planning as well as installation and maintenance. We want to give our customers the opportunity to offer effective solutions with the best overall economy.

THIS IS HOW RADON MITIGATION WITH CORROVENTA'S PRODUCTS WORKS. Radon penetrates the residential environment through openings in the house ❶. As a counter measure, a radon extractor ❷ and a pipe system ❸ are installed to create negative pressure under the slab. The radon contaminated air passes the radon extractor and is evacuated out to the surroundings ❹ where it mixes with normal, fresh air.

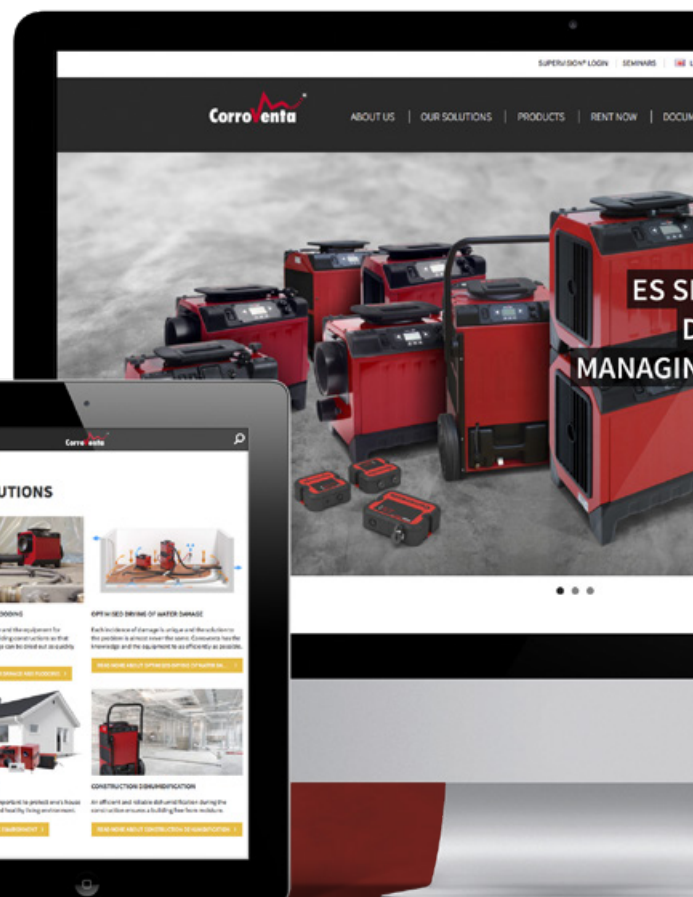


CORROVENTA HAS LONG EXPERIENCE BASED ON MORE THAN 19,000 RADON MEASUREMENTS AND WE HAVE SUPPLIED EQUIPMENT TO MORE THAN 3000 RADON MITIGATION PROJECTS. CALL US ON +44 (0)161-244 95 23 AND SPEAK TO AN EXPERT.



PRODUCTS FOR RADON DECONTAMINATION IN LIVING ENVIRONMENTS

- ▶ **Radon extractor RS 100** has been developed for the decontamination of radon in houses with slabs on ground or basements on ground where it is difficult to get air through the material. Because the RS 100 is so powerful, it can be connected to long pipes and is therefore very easy to position.
- ▶ **Radon extractor RS 400** has been developed for the decontamination of radon in houses with slabs on the ground or basements on a porous surface. Unlike traditional radon extractors, the fan motor of EC fan type makes radon extraction very energy efficient.
- ▶ **Crawl space dehumidifier CTR 300TT2** solves both radon and dehumidifying needs in crawl spaces. The machine is used in cases where radon is coming from the ground in a house with a crawl space. By using the dehumidifier's patented damper solution, the negative pressure in the crawl space can be regulated and at the same time dehumidified energy efficiently.



Read more about
products for living
environments at
corroventa.com

RADON EXTRACTOR RS 100

Radon extractor RS 100 is a very powerful turbine, with an air volume of 80 m³/h and a static pressure of 20,000 Pa.



RS 100 has been developed for the decontamination of radon in houses with slabs on ground or basements on ground where it is difficult to get air through the material. Because the RS 100 is so powerful, it can be connected to long pipes and is therefore very easy to position.

SOME ADVANTAGES OF RADON EXTRACTOR RS 100

- ▶ Extremely powerful and effective against radon coming from the ground
- ▶ Suitable for larger apartment buildings with compact ground conditions
- ▶ Can be connected to pipe (ø100 mm) of up to 50 m in length on the pressure side and pipe (ø100 mm) up to 200 m in length on the suction side.

TECHNICAL DATA

Air volume	80 m³/h
Pressure	20000 Pa
Noise level	45 dB(A)
Rated power	370 W
Connector	50 mm
Normal consumption	200-250 W
Connection	230 V / 50 Hz
Weight	22 kg
Size (L x W x H)	520x350x410 mm
Article number	9920900

CUSTOM SOLUTIONS



Corroventa has experience based on more than 19,000 radon measurements and we have supplied equipment to more than 3000 radon mitigation projects. Our radon extractors are developed for radon mitigation in occupied spaces in houses with slabs on the ground, cellars/ subterranean or crawl spaces. Effective, energy efficient and quiet radon mitigation regardless of whether the building is on a compacted or porous surface.

MOUNTING KIT FOR RADON EXTRACTOR RS 100



Complete mounting kit for quick and neat installation of radon extractor RS 100.

ACCESSORIES

- Mounting kit RS100 (1004630)page 85
- Hose Ø 51 mm (9910721).....page 86
- Filter (9900921)page 89

RADON EXTRACTOR RS 400

Radon extractor RS 400 removes radon extremely effectively, with a continuously variable, free blowing air volume of 50-370 m³//h. It has been developed for the decontamination of radon in houses with slabs on the ground or basements on a porous surface.



Unlike traditional radon extractors, the fan motor of EC fan type in an RS400 makes radon extraction very energy efficient. RS 400 is also suitable for negative pressure ventilation of floor joists in the event of damp and odour problems, because it is quiet, energy efficient and has variable speed control.

SOME ADVANTAGES OF RADON EXTRACTOR RS 400

- ▶ Extremely powerful and effective against radon coming from the ground
- ▶ RS400 has a completely sealed construction with minimal risk of radon leakage indoors.
- ▶ Suitable for single family homes or small buildings with porous ground conditions
- ▶ Can be connected to pipe (ø100 mm) of up to 50 m in length on the pressure side and pipe (ø100 mm) up to 200 m in length on the suction side.
- ▶ Negative pressure under wrapping: 40 m drain hose on the suction hose and 6 m pipe on the pressure side
- ▶ Extremely quiet
- ▶ Equipped with energy efficient EC fan

TECHNICAL DATA

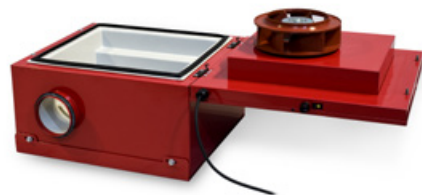
Air volume	50-370 m ³ /h
Pressure	20-500 Pa
Noise level	44 dB(A)
Rated power	105 W
Normal consumption	10-25 W
Connection	230 V / 50 Hz
Weight	15 kg
Size (L x W x H)	445 x 475 x 262 mm
Article number	9920960

CUSTOM SOLUTIONS



Corroventa has experience based on more than 19,000 radon measurements and we have supplied equipment to more than 3000 radon mitigation projects. Our radon extractors are developed for radon mitigation in occupied spaces in houses with slabs on the ground, cellars / subterranean or crawl spaces. Effective, energy efficient and quiet radon mitigation regardless of whether the building is on a compacted or porous surface.

WELL THOUGHT OUT DESIGN



Radon extractor RS 400 has a well thought out design with a hatch for service access. It is very quiet, energy efficient and has stepless speed control.

ACCESSORIES

Filter box (9920961)	page 52
Mounting kit RS400 (9920975)	page 85
Silencer hose Ø100 (9920907)	page 86
Replacement filter for filter box (9920956)	page 88
Cover plate, 10 pack (9920977)	page 92

CRAWLSPACE DEHUMIDIFIER CTR 300TT2

Adsorption dehumidifier for fixed installation in crawl spaces. The dehumidifier is characterised by energy-efficient operation and high performance. For crawl spaces that have problems with both damp and high radon levels, CTR 300TT2 is an ideal machine that solves both problems simultaneously. CTR 300TT2 has among the lowest energy consumptions on the market and is therefore better energy wise than most.



CTR 300TT2 is specially designed for use in crawl spaces, but thanks to our patented damper solution which creates negative pressure in the crawl space, CTR 300TT2 is also suitable for odour and radon decontamination.

SOME ADVANTAGES OF CTR 300TT2

- ▶ Controlled and monitored wirelessly with HomeVision® PRO
- ▶ Designed for foundations up to 200 m³
- ▶ Effective for air and radon decontamination.
- ▶ High quality and long service life
- ▶ Is energy efficient and has low operating costs

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ACCESSORIES

Mounting kit TT
Multi (9910590)page 85
Nozzle (9910440)page 92
Replacement filter (9920184)page 89

CONTROL SYSTEM



EASY MONITORING WITH HOMEVISION®

The dehumidifier is controlled and monitored by our HomeVision® system, which consists of a hygrostat placed in the crawl space and a wireless, digital control panel inside the accommodation.



CTR 300TT2 has been part of our range for over 20 years and is one of our faithful servants. Corroventa has developed a complete range of mounting kits for quick, easy and correct installation. The kits contain all the necessary parts.

TECHNICAL DATA

Dry air volume	200-300 m ³ /h
Wet air volume	45-130 m ³ /h
Connection	230 V, 50 Hz
Rated power	1,015 W
Real consumption	Approx. 850 W
Process air inlet	Ø 160 mm
Wet air outlet	Ø 75 mm
Dry air outlet	1x Ø 100 mm + (2x Ø 50 mm)
Noise level (3m)	Approx. 56 dB
Weight	16 kg
Size (L x W x H)	420 x 325 x 360 mm
Overheating protection 3 x	80°C + 90°C + 130°C
Dehumidification capacity at: 20°C / 60% RH	21 l/day
Dehumidification capacity at: 10°C / 60% RH	14 l/day
Dehumidification capacity at: 5°C / 60% RH	12 l/day
Article number	9902900



DAMP, ODOUR AND RADON ARE THE MOST COMMON CAUSES OF NEGATIVE INFLUENCES IN LIVING ENVIRONMENTS, WHICH CAN LEAD TO SERIOUS DAMAGE AND COSTS. FOR THIS REASON, AS A PROPERTY OWNER IT IS IMPORTANT TO PROTECT ONE'S HOUSE IN ORDER TO CREATE A SAFE AND HEALTHY RESIDENTIAL ENVIRONMENT.