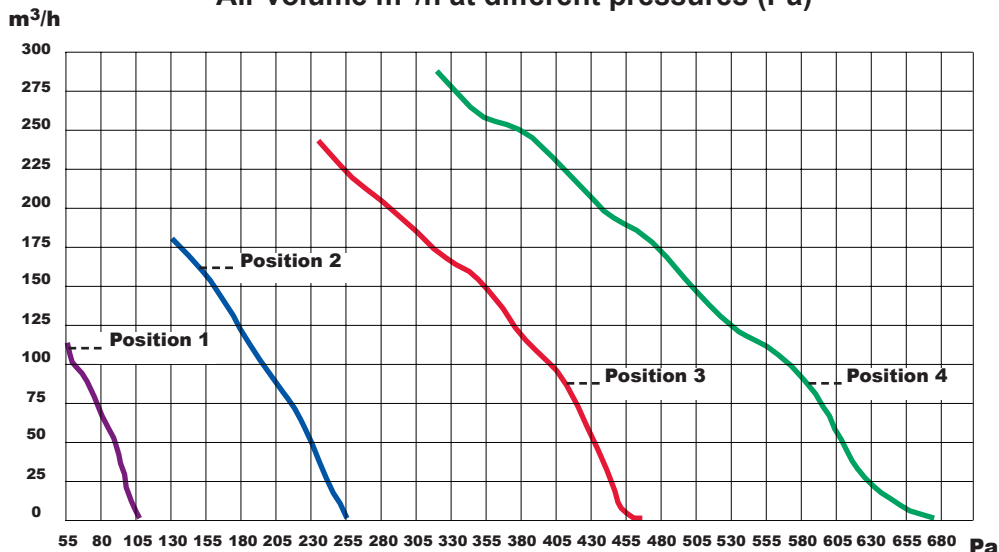


RS 400

Radon extractor

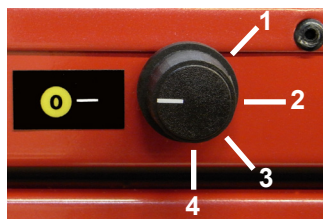
Operation and maintenance instructions

Air volume m³/h at different pressures (Pa)



Position	Energy consumption W	Available pressure Pa	Air volume m ³ /h free blowing
1	15	56-107	112
2	27	131-255	180
3	60	235-450	242
4	96	319-673	288

Potentiometer



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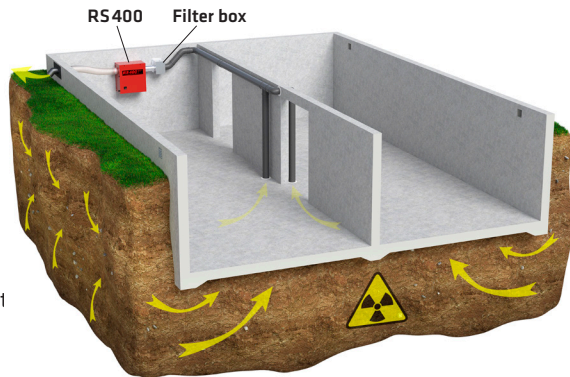
Function principle

RADON REMEDIATION

In order for the radon level in the house to be reduced, the air pressure under the foundation slab must be lower than that in the house. If the house is on very porous earth, an installation that can extract large volumes of air and can be controlled easily is usually necessary, all depending on the individual instance. To achieve this, RS400 is connected to a pipe system that sucks up an air/radon mixture under the foundation slab. Once the air/radon mixture has passed the filter box the radon extractor blows it out into the surrounding air. "One hundred percent tightness is required on the pressure side." The installation is designed and constructed for continuous operation.

If the installation is installed with a filter box the box's filter must be replaced at least twice a year.

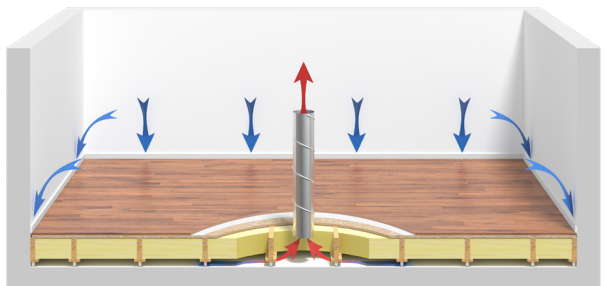
The extraction points in the concrete slab must be positioned centrally, where the air below the concrete slab is warmest and not at outside walls.



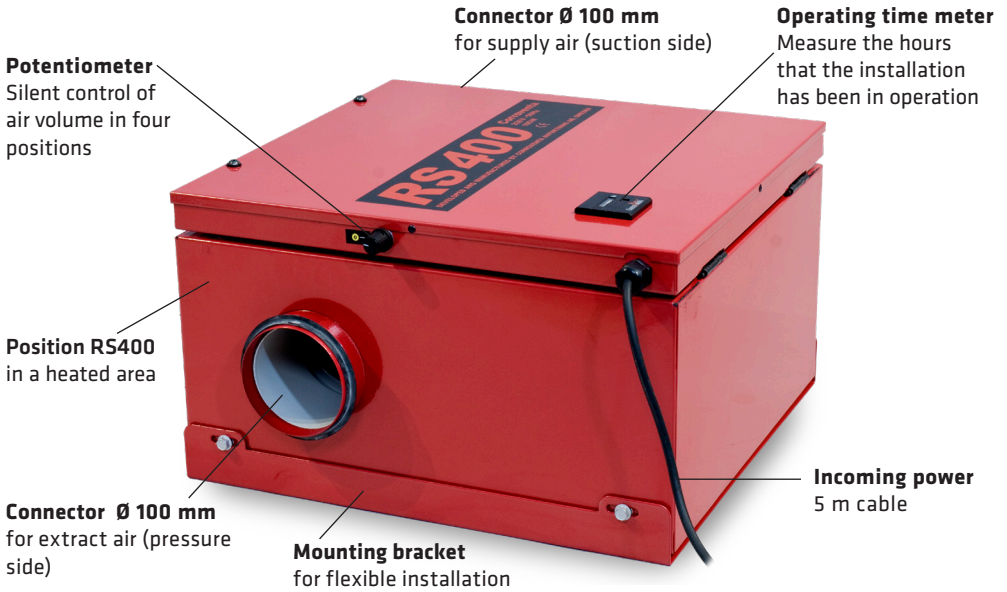
NEGATIVE PRESSURE VENTILATION OF FRAMED FLOORS

Negative pressure ventilation of framed floors means that heated air from the living environment is drawn down into the floor. The odorous air in the floor is extracted through a duct system that is connected to the fan unit. The RS400 fan unit, filter box and the duct system that extracts the odorous air are mounted in suitably heated areas of the house, so they do not disturb the residential environment.

The extraction points are positioned so that the air is transported from the cold area at the outdoor walls in to the warmer area in the middle of the construction. This is to prevent condensation problems.

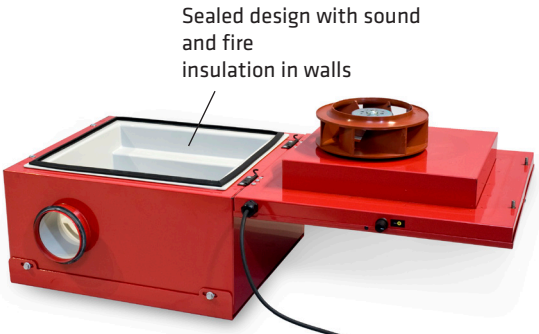


Functions



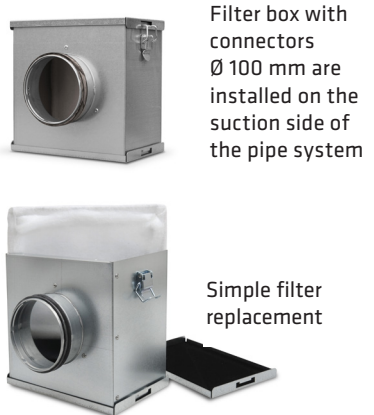
Overheat protection
RS 400 is equipped with overheat protection if the temperature in the fan motor becomes too high. There is also rotation protection if the impeller should become locked.

Service



Motor and impeller are mounted on the opening hatch for easy cleaning and servicing

Accessory filter box



Technical data

Connection: 230/50Hz
 Connection output: 105 W

Weight: 15 kg
 Size: W=440, H=225, D=410, D=575 mm incl. connectors

Servicejournal

Company:

Installer: Installation date:

Air volume during installationm3/ PressurePa

Date	Filter replacement Yes/No	Operation position 1-4	Pressure Pa	Operation meter hours	Signature

In the event of an operational stoppage contact:

Company:.....Telephone.....

Contact:.....E-mail

