



- 2 plug-on plastic feet per heating plate for applications without fixed installation.

The Schimmel-DRY can be combined with any timer switch.

Up to 5 Schimmel-DRY heating elements can be connected in series using the C7–C8 connection cable. A mounting basket for mounting under benches or tables (or on the ceiling) is available as part of the range of accessories. This simplifies installation and protects the heating element against getting touched and suffering impact.

Every heating element goes through a series of strict final checks. The heating elements are 100% produced in Austria. You receive a 2-year guarantee from the date of delivery on every Schimmel-DRY heating element.

The Schimmel-DRY may only be connected to 230V/50 Hz. As a general rule: when installing the Schimmel-DRY in rooms with a bathtub or shower, the protective area per VDE 0100 or DIN 57100 Part 701 must be taken into account. **ATTENTION:** When connecting several heating elements in parallel to the mains, the cable thickness and fuse protection must be checked based on the nominal power of all consumers operated on this cable. In any case, no more than a maximum of 5 heating elements may be operated via the same mains connection cable. For sustainable deep drying of entire rooms or buildings, using an infrared heater from T4L can be more economical than using several Schimmel-DRY heating elements. The infrared heaters differ from the Schimmel-DRY heating elements in terms of surface temperature and the heating layer technology. If necessary, please enquire about our space heaters using the contact information at: [www.schimmel-dry.com](http://www.schimmel-dry.com)

When selecting a suitable location for installation, please note the following:

1. Schimmel-DRY should be mounted in the lower third (near the floor) of a wall in order to achieve optimal heat yield.
2. It should be at a distance of at least 2 cm from solid objects in order to allow air to circulate around the heating elements. When used for horizontal, non-fixed installations in window reveals, on tables or other surfaces, the elements must be placed on the junction boxes or the supplied installation brackets so that the heating surface can operate freely in the upward direction and does not come into contact with any objects around it and is also secured against falling.
3. **CAUTION!** There is a risk of overheating if the heating surface comes into direct contact with materials! Experimental applications of this kind are not in accordance with the intended purpose, and any resulting damage will void the warranty!
4. Do not let the heating elements come into contact with liquids!
5. To ensure that the heating elements are not damaged during handling, they should be held carefully and not exposed to hard knocks or blows.
6. Make sure the installation surface is dry and free of grease when temporarily using tape. If durability is not guaranteed, use screws for installation. Damage caused by falling heating elements is not covered by the device warranty. Please note this fact when using adhesives for installation.
7. Keep the Schimmel-DRY free of dust.
8. Do not cover the Schimmel-DRY.
9. Make sure that there is no material in the immediate vicinity of the heating elements that may get damaged by long-term exposure to temperatures of approx. 50–80°C. Certain plastics, such as white window strips on plastic windows, could discolour when exposed to heat.
10. Under no circumstances should you remove the protective devices (rear insulating layer, junction box).
11. You should start up the device by connecting it to a 230V socket, either directly or via a timer switch (see section 1, paragraph: "Controls").

The orientation of the heating elements on the wall (horizontal/vertical/oblique) can be freely selected. You can achieve the best degree of efficiency from the Schimmel-DRY by installing it on vertical walls beneath the mould-infested areas. Make sure that there is a minimum distance of 2 cm between objects and the heating surface. When used in a bathroom, Schimmel-DRY must be installed so that it cannot be touched by anyone using the bathtub or shower tray. The minimum distance from the electrical connection point to the tub or shower is 60 cm. **DO NOT cover with towels or other textiles!**



Please also note the assembly video at [www.schimmel-dry.com/montage-und-betrieb](http://www.schimmel-dry.com/montage-und-betrieb)

1. Determine the desired position of the Schimmel-DRY heating elements and determine the 2 fastening points per heating element by measuring or with the aid of the drilling template. When doing so, ensure that both the length of the power cable to the nearest socket and the length of the connection cable between the heating elements are sufficient. Also consider the possibility of placing the junction boxes, with the sockets, in the best position (left or right). Make sure the drilling template is correctly positioned/aligned.
2. Mark the mounting points on the installation surface. When doing so, take into account the desired distance between the heating element and the corners of the wall and the distance from the edge of the heating element's heating plate to the suspension point (drilled hole) on the plastic boxes at the rear.
3. Installation:
  - 3.1. Drill 2 holes per heating element of the right size for the dowels being used at the points you have determined by measuring or using the drilling template. Before drilling the mounting holes in the wall, make sure that no gas, water or electrical lines could get damaged!
  - 3.2. Screw the appropriate screws into the wall until the screws protrude about 0.5 cm above the wall's surface.
  - 3.3. Now insert the heating elements into the plastic boxes above the screws using the slotted holes provided. First attach the small installation box, then the large one, so that the screw heads are positioned behind the slots in the installation boxes. It may be necessary to adjust the length of the screws over the surface of the wall until the plastic boxes for the heating elements lie flat on the wall and the screw head can be pushed into the slots in the installation box with a little resistance. (The elongated hole with a longitudinal slot is designed so that the screw head can be clamped behind the longitudinal slot with slight resistance in order to make it possible to subsequently ensure alignment with a spirit level. If the element does not hold, the screw is too loose; in this case, carefully turn it further into the wall in small increments until it fits.) **CAUTION!** We assume no liability/guarantee for direct or indirect damage caused by improper installation or attachment with adhesive tape or other means.
  - 3.4. Excess cable lengths can be accommodated behind the heating element. To do this, lay the cable over the plastic boxes and clamp it in the slots on the side. For fixed installations, it is advisable to lay a small cable duct in which the excess cable length can be accommodated invisibly.

If any problems arise, it is particularly important to determine whether the problem is to do with the Schimmel-DRY or whether there is a problem with the time control, power supply, fabric of the building or heating environment.

A certain amount of moisture is present in every building structure. For one thing, dry walls, dry ceilings and floors deprive mould of a means to live. Secondly, heating costs are minimised, since the insulating properties of the house are considerably better with dry walls than with damp walls.

Therefore, during the initial start-up phase (from a few weeks to a few months, depending on the humidity of the brickwork, floor or ceiling), let the Schimmel-DRY work at maximum power in order to dry the surrounding surfaces. The Schimmel-DRY also supports you in heating your living space, which also requires less energy as the brickwork dries. In good cases, depending on the building structure and heating system, the savings on heating can even be higher than the entire energy requirements of the Schimmel-DRY. For permanently dry walls and efficient heating with radiant heat, please enquire about the T4L space heaters using the contact information at: [www.schimmel-dry.com](http://www.schimmel-dry.com)

1. Does the Schimmel-DRY heating element not get warm?  
Ensure that:
    - »the heating element is plugged into the socket and that the plugs of the mains cable and the connection cable are correctly and firmly connected to the plastic box behind the heating plate;
    - »the socket or connection is also live;
    - »the mains cable or connection cable is not defective;
    - »for timer switches or thermostats: ensure that the switching function works correctly.
  2. Does the Schimmel-DRY heating element not seem to dry the wall sufficiently?  
Ensure that:
    - »the number of heating elements corresponds to the size of the mould infestation.
    - »the Schimmel-DRY has enough time to dry out the affected areas. Depending on the influencing factors (see Section 1: Factors for efficient operation), this can take anywhere from a few weeks to several months.
    - »all points of the part "Selecting the suitable location and installation instructions" in Section 2 have been followed.
  3. Does the mould seem to still be increasing after the drying phase has started?  
If the mould is deprived of "moisture", its basis for life, it tries to multiply as a life-saving measure. This is reflected in a short-term increase in the mould infestation. You can counteract this by removing the visible mould before the drying process begins, or you can simply wait.
  4. Special situations:
    - Trailing moisture  
A lack of or defective sealing of the floor can result in rising damp, and damage to the roof or outer shell can also cause new moisture to creep in, despite drying. In this case, the cause of the renewed ingress of moisture must first be eliminated before the affected wall can be expected to dry out completely.
    - Incorrect thermal insulation  
If dense insulating materials (e.g., Porozell, Styrodur or similar) prevent the brickwork from breathing, the wall moisture can only escape inwards, which may have led to the mould problem. On the other hand, this leads to a brief increase in humidity in the room during the drying process, which should be compensated for by frequent bursts of ventilation. The drying phase is usually prolonged if there are walls that are not diffusely open.
- When the heating element is plugged in, the circuit breaker trips in the distribution box  
In this case, the installation box has become detached from the heating plate, and the internal safety device has caused a short circuit in order to switch off the power to the device. This case indicates severe overheating of the heating element due to a lack of rear ventilation or another malfunction. Disconnect the heating element from the mains and contact the customer service team using the contact information available at: [www.schimmel-dry.com](http://www.schimmel-dry.com) to clarify the situation.