A woman with her hair in a bun, wearing a striped tank top and white pants, is sitting in a meditative lotus position in a vast green field. The background is a bright, hazy sky with soft clouds, suggesting a peaceful, natural setting.

HomeEvap

Brings cool humidity at home

Safe Automatic
Reliable Energyfriendly

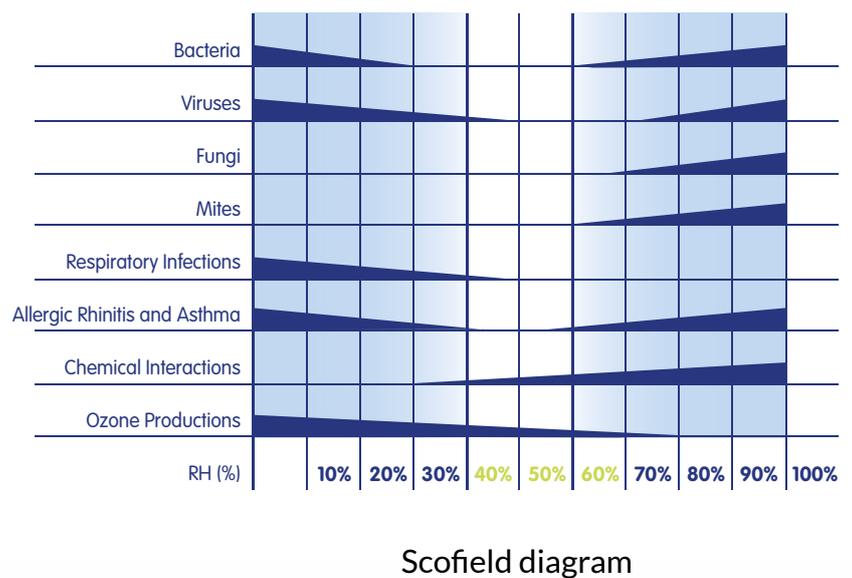
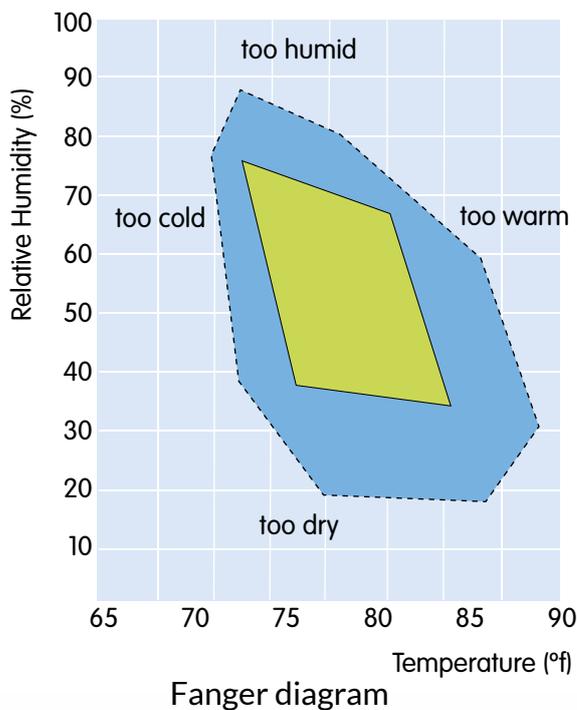
Invest in the development of a healthier living environment

In the average household or in the average workplace, the air humidity is bad. This is often out of balance, causing too dry air to circulate. As a result, thousands of people experience physical complaints including dry eyes, irritated airways or even itchy skin. These are unnecessary complaints; complaints that we can reduce or even remedy.

We are HomEvap: we invent, develop and produce innovative humidifiers and coolers that make the lives of many people a lot more bearable. For example, people who suffer from Asthma or COPD. Our systems are easy to use, fully integrable, legionella-safe and maintenance-friendly. We believe that our products can make a difference in many people's lives.

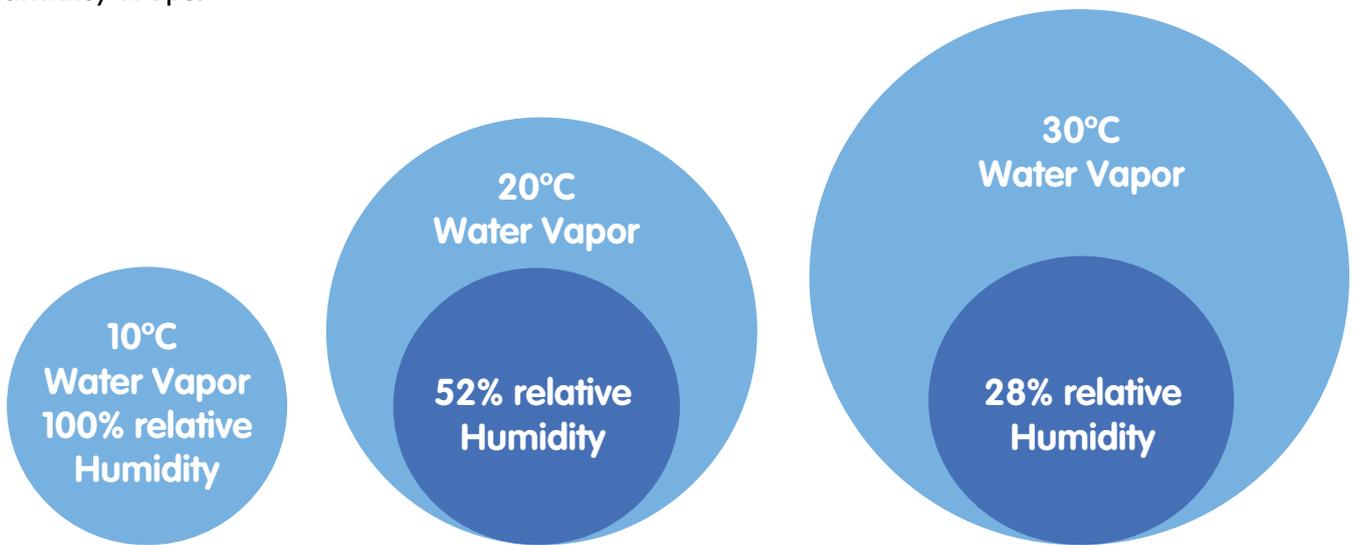
The need for our solutions

Good humidity in a home contributes to a comfortable and healthy indoor climate. The optimum humidity is between 40 and 60 percent, as can be seen in the diagrams below. If the humidity drops below 40 percent, you can suffer from a dry throat and lips, irritated nose and eyes and itchy, dry skin. In the winter months, the air contains less moisture and the complaints get worse. It has a direct effect on health. Humans are more susceptible to viruses that also live longer in a climate that is too dry or too humid.



How does dehydration occur

When cold air is heated, it expands. The moisture in this air remains the same. The percentage of air in relation to the moisture changes. The absolute humidity remains the same, but the relative humidity drops.

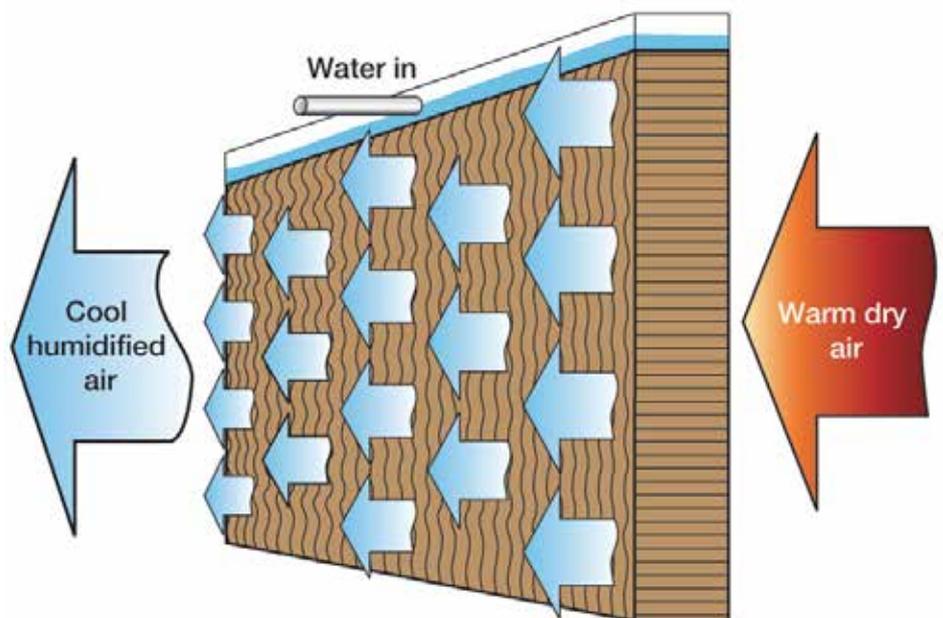


Air expands due to heat, absolute humidity remains the same, but relative humidity decreases.

Evaporation effect

Water flows over the internal matrix and evaporates. This makes the air humid and the temperature drops. This is called adiabatic humidification / cooling.

The Humidifier is also equipped with a legionella filter that makes the water legionally safe before it wets the matrix.



HomEvap Humidifier



The HomEvap Humidifier is a safe and energy-efficient humidifier. Operation is based on the natural process of water evaporation. The humidifier is standard equipped with a Legiosafe® water filter. This guarantee a healthy and safe operation. The built-in heater increases the capacity only if this is necessary. Directly connected to a WTW installation or to be installed between the air ducts.

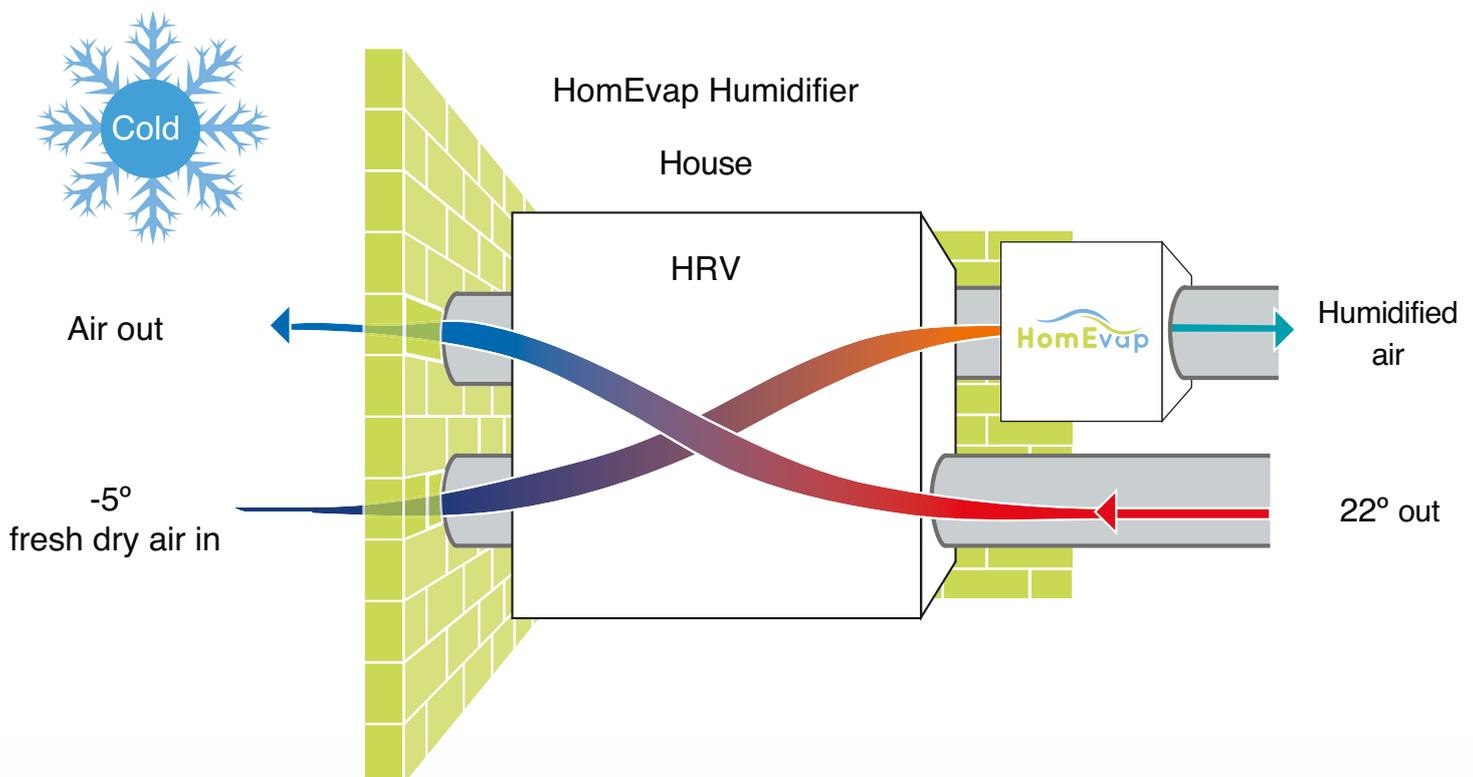
** The efficiency depends on the air volume.*

Advantages: Legionella safe, silent, works automatically, directly connected to HRV or the air ducts.

Description	
Dimensions LxBxH	258 x 344 x 335 mm
Humidification capacity	0-4 litre
Electricity consumption	20 VA, heater active 900VA
Max water consumption	5 litre per hour
Water supply connection	¾ internal thread with connection to 4mm
Water drainage connection	15 mm hose grommet 50cm
Maximum air volume	600 m3/u
Duct connection	Standard R200 mm

The Humidifier is on several ways to control;

- wireless control panel
- HomEv'App '
- modbus bacnet protocol
- on / off contact,
- external hygrostat
- 0-10v external input,
- external moisture sensor



HomEvap cooler



The HomEvap Cooler ensures that your home does not overheat! The cooler cools the extracted air from your ventilation system (WRG). This turns your WRG (heat recovery) into a KTW (cold recovery) system! Cooling without compressor, natural and with the lowest energy consumption (5W / h).

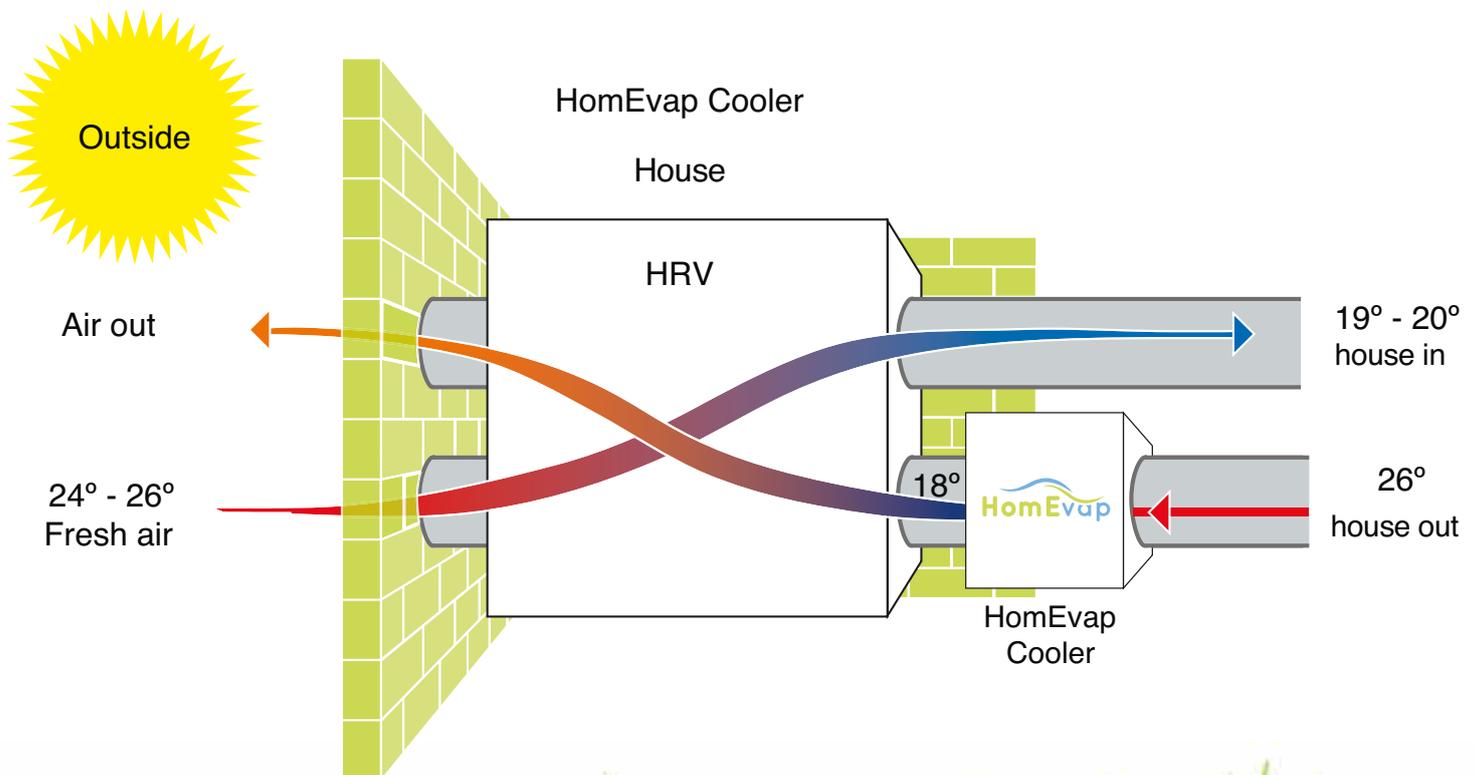
** The efficiency depends on the air volume.*

Advantages: No noise, automatic, fits every heat recovery system, energy-saving.

Description	
Dimensions LxWxH	258 x 344 x 335 mm
Maximum cooling-capacity	1950 watt
Electricity consumption	20 VA
Maximum water usage	5 liter per hour
Watersupply duct connector	¾ internal thread with connection to 4mm
Water drainage connection	16 mm hose 70cm
Maximum air volume	650 m3/u
Duct connection	Standard R200 mm

The Cooler is on several ways to control;

- wireless control panel
- HomEv'App'
- modbus bacnet protocol
- on / off contact,
- external hygrostat
- 0-10v external input,
- external moisture sensor



HomEvap Combi Comfort

The HomEvap Combi Comfort consists of legionella safe humidifier and the energy-efficient basic cooler. Humidify in winter or Cool in summer function is controlled automatically. An added benefit is the extra cooling due to automatic activation of the direct cooler on very hot days*!

* The efficiency depends on the air volume.

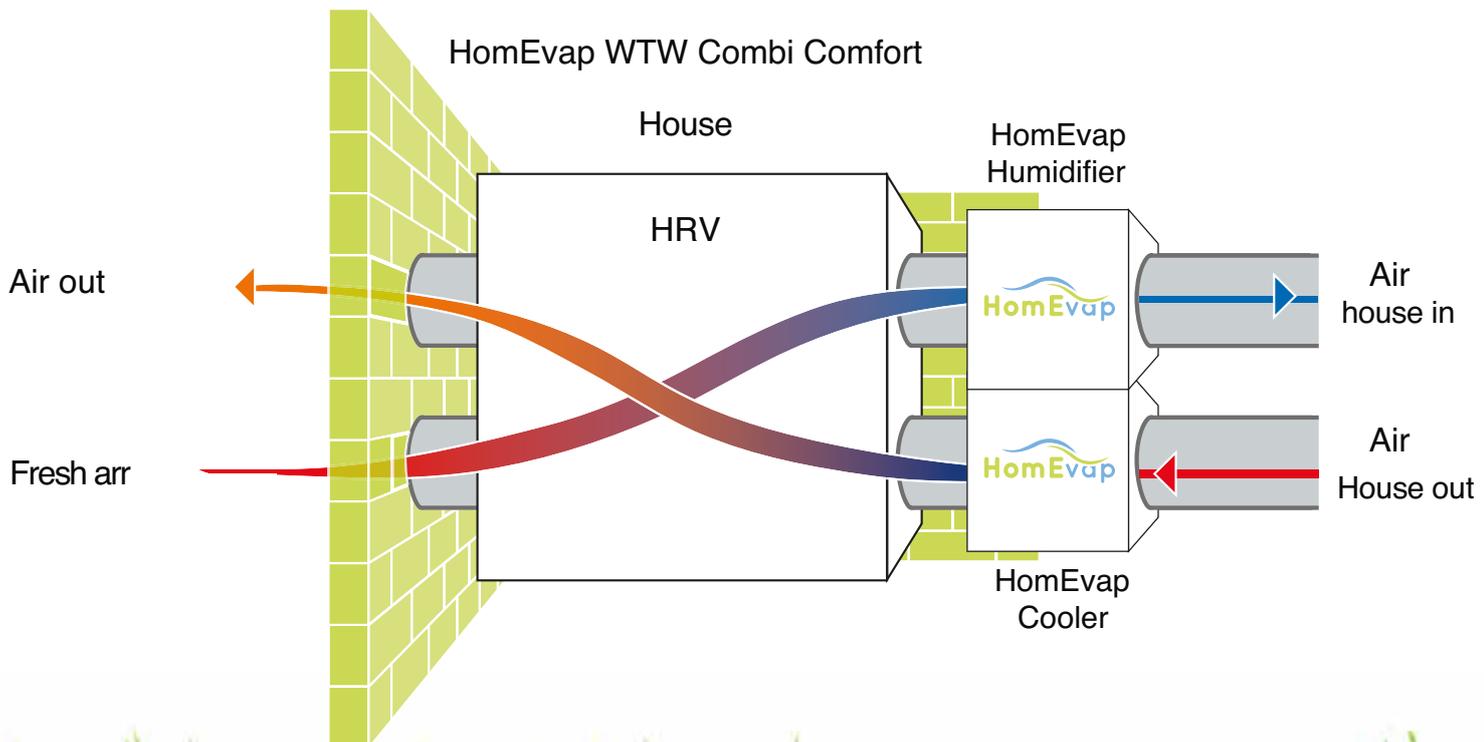
Advantages: energy efficient, fills automatically, easy to connect to the HRV



Description	
Dimensions LxBxH	258 x 344 x 335 mm 2x
Humidification capacity	0-4 liter
Maximum cooling-capacity	1950 watt
Electricity consumption	20 VA, heater active 900VA
Maximum water consumption	8 liter per hour
Water supply connection	¼ internal thread with connection to 4mm
Water drainage connection	16 mm hose 70cm 2x
Maximum air volume	600 m3/u
Duct connection	Standard R200 mm

The Humidifier is on several ways to control;

- wireless control panel
- HomEv'App'
- modbus bacnet protocol
- on / off contact,
- external hygostat
- 0-10v external input,
- external moisture sensor



HomEvap Direct



Do you not have a HRV? Then the HomEvap Direct is the solution for you!

The Direct is equipped with a quiet, energy-efficient fan, which allows spreading of chilled humid air through your living and working environment.

The Direct has 2 functions:

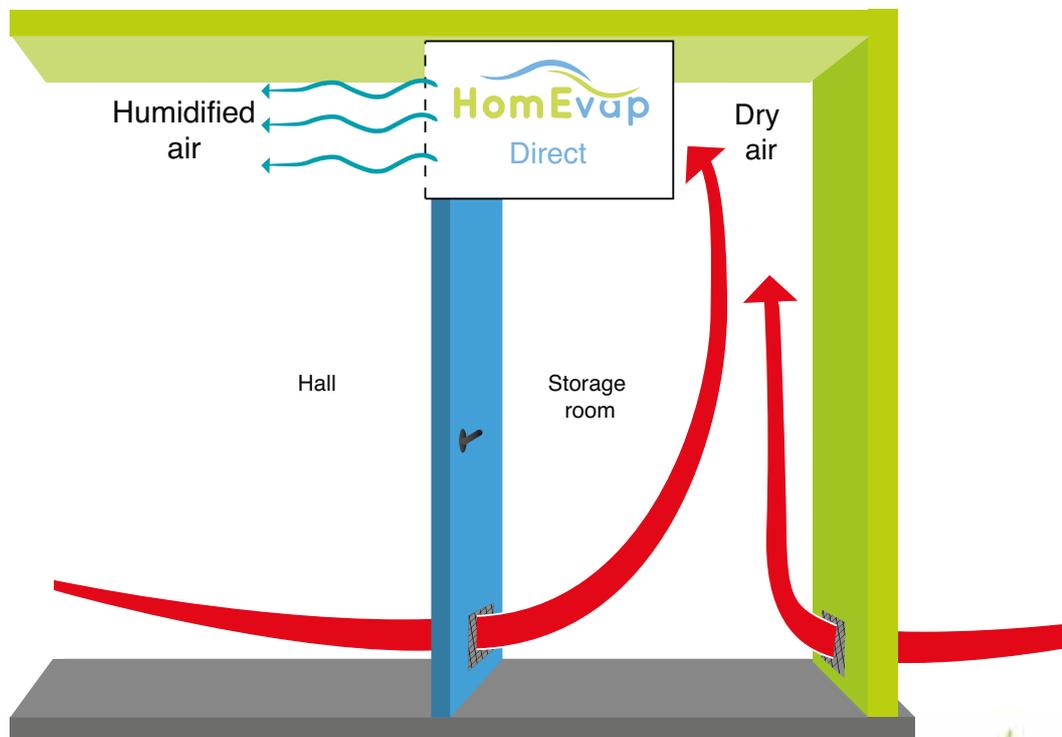
- 1 Humidify in the winter
- 2 Cooling in the summer

Advantages: Legionella safe, silent, works automatically

Description	
Dimensions LxBxH	258 x 344 x 335 mm 2x
Humidification capacity	0-4 liter
Maximum cooling-capacity	1950 watt
Electricity consumption	20 VA, heater active 900VA
Maximum water consumption	5 liter per hour
Water supply connection	¼ internal thread with connection to 4mm
Water drainage connection	16 mm hose 70cm
Maximum air volume	600 m3/u
Duct connection	Standard R200 mm

The Humidifier is on several ways to control;

- wireless control panel
- HomEv'App '
- modbus bacnet protocol
- on / off contact,
- external hygostat
- 0-10v external input,
- external moisture sensor





HomEvap
Brings cool humidity at home