

## Dehumidifier Finnwik LAF 10F



The Finnwik Laf 10F is a compact and efficient air dehumidifier designed for improving the indoor climate.

## Finnwik LAF 10F lowers the air humidity and supplies extra heat to the premises

- Low energy consumption.
- Adjustable hygrostat.
- Low sound level.
- Two fan speeds.
- Built-in filter.
- Automatic defrosting.
- Built-in collecting container with level switch and indication lamp.
- Connection for drain hose.
- Castors and carrying handles make the unit easy to move.
- The design blends well into a house, summer-cottage, basement or office.
- Protection class IP 21.

## Typical applications

- In a newly built house or a house that has sustained water damage, it is very important to ensure that the humidity of all building materials is sufficiently low before carpets are laid and walls are papered, so that moisture will not be trapped in the building materials.
- The right humidity must be maintained in the basement and storage areas in order to avoid corrosion, smell and mould problems.
- The washing will dry quicker if a dehumidifier is used, at the same time avoiding the spread of moisture through the house.

Condensation causes serious problems in many houses and apartments. Moisture is emitted, for example, during cooking, drying of laundry, showering, bathing, physical activities, etc. When the humid air then comes into contact with cold surfaces, such as windows, walls and ceilings, it will be cooled and condensation will form. Indoor air with high humidity could lead to damage and discoloration of the building structure and its interior fittings. Bacteria and mould fungi will grow, which will lead to bad smell, unhealthy conditions and increased risk of allergies.

The Finnwik LAF 10F dehumidifier reduces the risk of excess moisture, while also supplying extra heat to the premises.

### Finnwik LAF 10 is simple to use

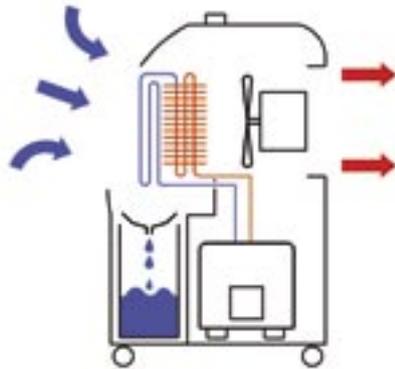
Plug the lead into the wall socket, set the required air humidity and fan speed, and then start the dehumidifier.

The Finnwik LAF 10F will then maintain the air humidity at the preset value. When the water container is full and needs emptying, the warning lamp will light up and the dehumidifier will stop. It's also possible to connect a hose to discharge the condensation directly to drain.



### How the dehumidifier works

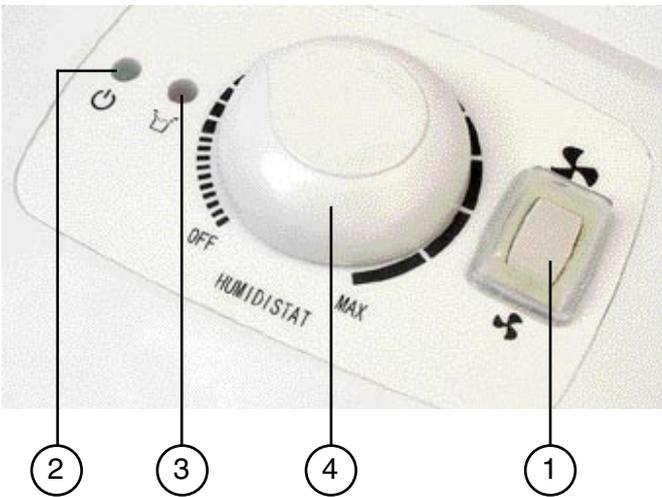
The Finnwik LAF 10F operates on the same principle as a heat pump or a refrigerator. The humid room air is cooled when it flows through the cold evaporator. As the air cools, the water vapour in it will condense to water droplets. The condensation is collected in the built-in water container when automatic defrosting comes into operation. Due to this process in which the water gives up its heat to the air, and also due to the heat from the compressor, the air blown into the room is dehumidified and about 5-7°C warmer than the room air. So the electrical energy consumed by the dehumidifier and the energy released when the water condenses are both recovered in the form of warm air.



### Capacity data Finnwik LAF 10F

At 32°C and 80 % RH	litres/day	10,0
At 27°C and 60 % RH	litres/day	5,0
At 20°C and 60 % RH	litres/day	4,0
At 8°C and 60 % RH	litres/day	1,8

### Control panel



### Approvals

The Finnwik LAF 10F is tested by TÜV (electrical safety) and is CE marked.



### Connections

Connection to the power supply by means of an earthed plug.

Water hose connection: 6 mm inside diameter hose.

### Technical data

Operating ambient humidity range	% RH	30-80
Operating temperature range	°C	8-35
Power consumption (at 20°C)	W	220
Current (at 20°C)	A	1,3
Voltage	V	230 V~
Water container volume	l	4,0
Refrigerant type (Freon-free)		R134a
Protection class		IP 21
Weight	kg	13,5
Width	mm	2750
Height, (incl. castors)	mm	550
Depth	mm	364

- 1. Fan  
 Position - low fan speed.  
 Position - high fan speed.
- 2. Lights up when the dehumidifier is working.
- 3. The lamp lights up when the water container is full or is not in place.
- 4. Humidistat control knob Hygrostat for presetting the required humidity (30-80% relative humidity).