

THE ONLY ONE ON THE MARKET

# WANAS UMECTO 600 UNI

UNIVERSAL HUMIDIFIER FOR EVERY RECUPERATOR

## Dry air?

Did you know that too dry air in your home causes discomfort and fatigue, lack of concentration or sleep problems? It is worth remembering that young children and the elderly are particularly susceptible to these ailments. In addition, too dry air dries the skin and accelerates its aging process. Expand your recuperation with the WANAS UMECTO air humidifier and do not worry about dry air at home, specially during the heating season.

18°C  
≈ 45% rH  
≈ 6,9 g/m<sup>3</sup>

18°C  
≈ 11% rH  
≈ 1,66 g/m<sup>3</sup>

-10°C  
≈ 70% rH  
≈ 1,66 g/m<sup>3</sup>

In the case of low temperatures in winter, the outside air contains very little water in 1 m<sup>3</sup>, while the relative humidity air is high. When the recuperator heats the air through the heat exchanger, its absolute humidity remains the same, but the relative humidity is very low.

Thanks to the new configuration, the device can be connected to any existing installation and any recuperator. The humidifier is installed on the supply air duct of the ventilation system and is an independent device. It is controlled by a controller mounted at the top, which is standard equipment of every WANAS UNI humidifier. Thanks to the connection with the wireless miniControl sensor, humidity control is easy and fully automatic.

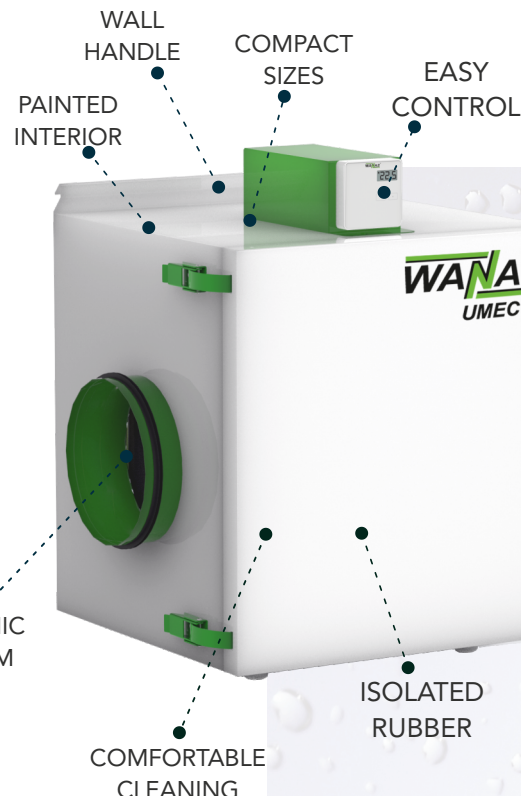
**Relative humidity** - it is expressed in% and depends on the temperature. It is felt by a person and its appropriate level affects the comfort of the inhabitants. **The optimal humidity for humans is 40-60%.**

**Absolute humidity** - is expressed in g / m<sup>3</sup> and is independent of temperature. It is the water content in grams in one m<sup>3</sup> of air.



PARAMETER	600	1300
HEIGHT.....	607 mm	937 mm
WIDTH.....	455 mm	455 mm
DEPTH.....	450 mm	450 mm
WEIGHT.....	25 kg	36 kg
STUB PIPE DIAMETER.....	200 mm	315 mm
ENERGY CONSUMPTION.....	2-18 W	2-18 W
POWER SUPPLY.....	230/50 V/Hz	230/50 V/Hz
HEATER POWER.....	max. 1 000 W	max. 2 000 W
MAXIMUM FLOW RATE.....	600 m <sup>3</sup> /h	1 300 m <sup>3</sup> /h
NOMINAL WATER CONSUMPTION.....	2,8 l/h	5,6 l/h

\*At 0.3 Mpa water pressure and factory setting.



## Hygienic solution

The UMECTO humidifier uses the phenomenon of evaporation, which is the natural and healthiest form of humidification. The humidifier allows during the heating season, obtain a humidity in the range of 40-45%. This is the optimum humidity in the building during the winter period. The right level of humidity has a positive effect on the skin, eyes and upper respiratory tract. It protects against damage and drying wooden furniture, floors and parquets. In addition, a very important function is the secondary cleaning of the supply air by strongly reducing odors coming from the outside of the building.



### HEALTH

Adequate humidity in the room translates into better functioning of the immune system and helps in the fight against bacteria and viruses.



### COMFORT

The device comes with a miniControl wireless humidity sensor, which continuously measures the parameters, thanks to which the system works fully automatically.



### SAFETY

Connection to clean, running water, a dedicated mat rinsing system and a painted interior guarantee high hygiene of the entire device.



Thanks to the possibility of monitoring the current level of humidity in the house - **the rooms are optimally moistened**. Dedicated flushing system of evaporation mats causes that pollutants from the water flow into the sewage system, additionally thanks to filters in the recuperator, the humidifier mats always remain clean.

# WANAS<sup>®</sup>

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## WANAS UMECTO 600 UNI

FITS TO ANY RECUPERATION SYSTEM

MORE

