

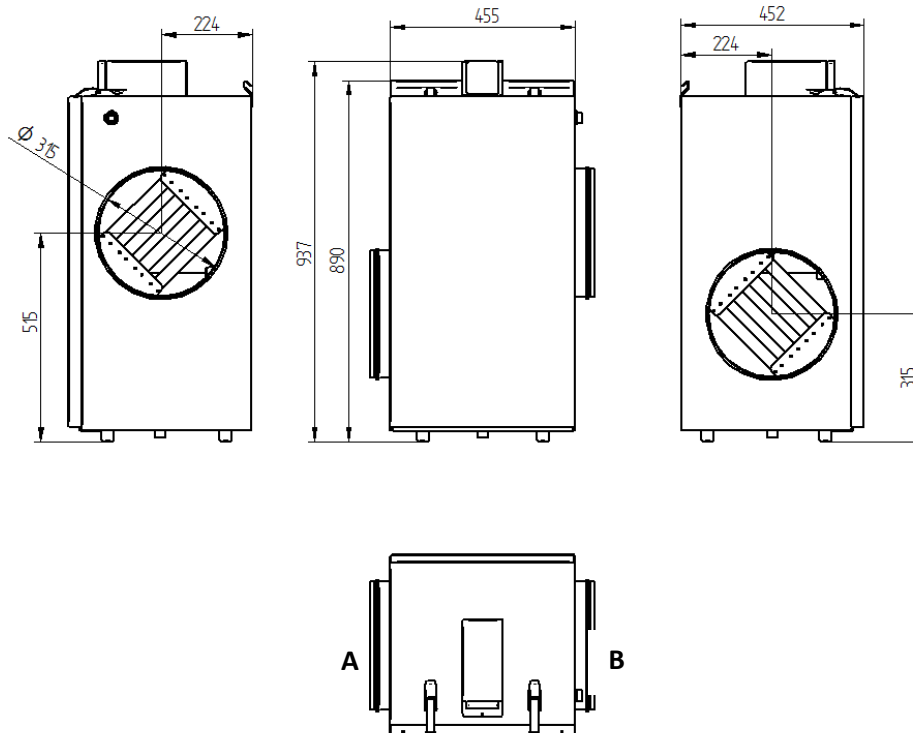


SPECIFICATION SHEET OF WANAS UMECTO 1300 UNI



A – Air flow outlet

B – Air flow inlet





The humidifier UMECTO 1300 UNI is designed to work with all air handling units with maximum air flow rate of 1300m³/h. The device is used to maintain the required humidity in the building. The action is based on the natural process of water evaporation, this process is the most beneficial for our health, and is also very energy-efficient. Humidifier is based on precision injection of water mist to avoid wasting of water drained to the sewage. These solutions help to maintain adequate humidity in the house during the heating season, when the humidity is low. Properly installed device does not require any maintenance apart from periodic replacement of the steam mat.

The humidifier UMECTO 1300 UNI must be installed on the supply air duct of the ventilation system and it is an independent device, so that can be connected to any existing installation and to any air handling unit available on the market, it is controlled by a controller mounted at the top, which is standard equipment of every WANAS UNI humidifier. Due to the combination with the wireless miniControl sensor, humidity control is easy and fully automatic

Humidifiers are recommended for people who live in areas where houses must be heated for a good portion of the year. They are also recommended for those who live in very dry climates. Humidifiers may help those suffering from sore throats, headaches, nosebleeds, and coughs related to dry air. In general, a moist house is more comfortable than a dry one.

Built-in secondary heater can heat up supplying air stream if there is a need.

Another benefit of using WANAS UMECTO humidifier is secondary purification done by moist evaporation mat, which catch pollen, dust mites, and other particulates automatically are flashed direct to the sewage drain.

Technical parameter	Unit	Value
Max. air flow rate	m ³ /h	1300
Power consumption	W	15
Power supply	V/Hz	230/50
Stub pipe diameter	mm	315
Height/Width/Depth	mm	937/455/452
Weight	kg	36
Heater power	W	2000
Max. water consumption*	l/h	5,6
Air resistance at 200 m ³ /h	Pa	11
Water connector diameter	inch	3/4
Water pressure	MPa	0,15-0,6
Water temperature	°C	5-20 (Min/max)
Ambient temperature	°C	5-45 (Min/max)
Max. Water hardness	mg CaCO ₃	200

* Water pressure 0,3 MPa & factory settings.

Advantages:

Well-being – use of a humidifier comes with many health benefits. If the air in your home is too dry, especially during heating season, breathing passages in your nose and lungs can dry out, causing irritation that can lead to nosebleeds, sinus infections and dry eye. It can also cause or aggravate chapped, dry and itchy skin, particularly for those with psoriasis. Humidifiers put moisture in the air that can help prevent such irritations. They are also particularly beneficial to use during sleep and when you are sick because they can alleviate cold and flu symptoms, break up congestion and reduce asthma and allergy symptoms.

Comfort – limiting the floating of dust and allergens, reducing the phenomenon of electrostaticity. If necessary secondary heater can increase air supply temperature during heating season.

Impact on the surroundings – humidity have an impact on wood in your house, when to low the wood will drying out. This can create gaps between floorboards, loose furniture joints. Besides that an adequate level of humidity is benefit for your pets & plants in you homeplace.

Compact design – two-in-one humidifier & secondary heater.

Hygienic system – impurities from water and air do not get into the rooms, they are automatically discharged into the sewage system.

Energy savings – operation is based on the natural process of water evaporation, which allows low energy consumption.

Easy control – adjust the functions with a controller, which is standard on every humidifier UMECTO UNI.

Quiet work – the device does not emit sound into the environment.

