

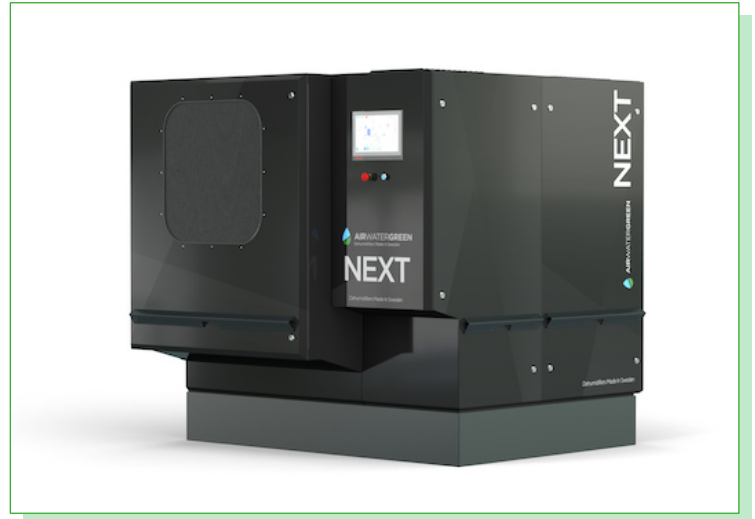
NEXT480

An industrial dehumidifier for handling very high volumes of humidity and air

The **NEXT** family is a series of dehumidifiers addressing applications and installations with high humidity loads and high volumes of air. Examples are in the food industry, process industry, cold storage, ice rinks and other large properties.

NEXT uses a liquid desiccant which provides a number of benefits over the traditional dehumidifier.

- Very low energy consumption
- Low connection power
- High capacity for airflows with up to 10.000 m³/h
- Turbo mode for doubled capacity for a number of hours
- Intelligent operation control when NEXT can regenerate during periods of lower energy costs - with maintained dehumidification capacity
- High capacity and efficiency even at low temperatures



NEXT can be equipped with various options for energy recovery and connection to ventilation systems. They can also be installed as free-blowing units.

With built-in intelligence, optimal operation and intelligent control are enabled for the lowest possible energy consumption. Connectivity to control systems and monitoring via the AWG Climate control system is possible through Modbus and Ethernet.

NEXT is designed to enable a long lifecycle and easy maintenance. It is constructed using standard components and utilizes only environmentally friendly and food-grade fluids.

Sizing

The turbo mode allows for selecting the dehumidification capacity typically needed while being able to handle sudden higher moisture loads.

Dehumidification capacity (kg/24h)	480
Turbo capacity	Double
Temperature level range (°C)	0 to +40
Relative humidity level range (%)	30 till 100
Power connection	400V 3-fas 50Hz 32A
Connection power (kW)	< 34
Air flow (m3/h)	Up to 10.000
Available pressure (Pa)	> 300
Dimensions WxHxL (mm)	1.800 x 1.800 x 1.800
Weight dry/in operation (kg)	460/630
Noise level (dB (A))	< 73
Communication	Modbus or TCP/IP
Air flow connection	Duct connected or free blowing
Air filter	Built-in cassette filter/ external bag filter

OPERATIONAL CONDITIONS

