



PROFESSIONAL AIR DEHUMIDIFIER MODEL **KT-330 ECO**

Technical sheet with latest revision 09/2023

Suitable for new or under construction buildings, laundry rooms, warehouses, libraries, museums and more.



CODE

Product code: KT-330 ECO

Supplier: TECNOKLIMA SRL
Via della Repubblica, 1 ABCD 40057 Granarolo dell'Emilia (BO) Italy
Telephone (+39) 051/6056846 - 051/6066593 - Fax (+39) 051/761367
Email info@tecnoklima.it - assistenza@tecnoklima.it
Web site: www.tecnoklima.it

DESCRIPTION

The KT-330 ECO professional portable air dehumidifiers of the KT series are high-performance appliances, equipped with a sturdy steel frame painted with epoxy resins and mounted on 4 swivel wheels that facilitate movement. They have a high-efficiency polyurethane air filter, washable and easily replaceable, and a very large condensate collection tank with the possibility of direct discharge. This unique arrangement derived from professional dehumidifiers allows for lower power consumption of the appliance, with very high efficiency even at low relative humidity.

Portable dehumidifiers are devices suitable for humidity control. They have a washable dust filter and a condensate collection tray. The units are controlled by an electronic microprocessor board which manages all the unit functions: general operation, automatic defrosting system, alarms and humidity regulation.



Sheet metal structure, extremely resistant

Swivel wheels, ideal for moving around



Easy and intuitive control panel

Side handles ideal for handling

Visual inspection of the tank

VERSION

KT-330 ECO with working range +7/+35°C

APPLICATIONS

The KT-330 ECO model portable air dehumidifier for professional use is extremely efficient in rooms with excess humidity, such as: new buildings or buildings under construction, laundries, homes, taverns, second homes, warehouses, archives, underground rooms and basements in general, libraries, museums, new rooms, flooded rooms or rooms undergoing restoration, rooms for laying wooden or resilient floors, basements, garages and attics.

ACCESSORIES

- High efficiency washable air filter
- Swivel wheels
- Side handles
- Electronic dehumidifier
- Electronic control

PRODUCT FEATURES

Frame:

The frame and the plates are hot-dip galvanized, epoxy powder coated, ensuring high resistance and durability.

Compressor:

Rotary compressor, mounted on vibration dampers.

Cooling circuit:

Evaporator: the evaporation coil is made up of smooth aluminum tubes. The smooth pipes guarantee a high performance of the dehumidifier, significantly reducing energy consumption, even at low relative humidity.

Condenser: The coil is made of copper tubes and aluminum fins, the large fin size of the condenser ensures dust resistance, long life and easy maintenance of the machine.

Condensate collection tank:

The condensate collection tank, installed as standard, is very large and can be easily removed. The machine is also ready for connection to a fixed condensate drain.

Fan:

Axial fan, statically and dynamically balanced, long life and durable.

Air filter:

The air filter, supplied as standard with the unit, is washable and easily replaceable. High efficiency filter.

Microprocessor:

Controls the hot gas defrost cycles, the compressor timer and the alarm board.

Control Panel:

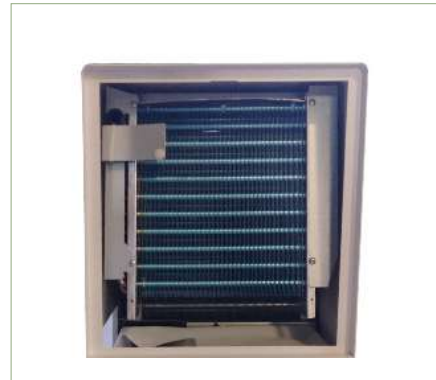
Located on the top of the machine. Made according to the European regulations in force.

Checks:

Tests are carried out to check the tightness of the refrigerant circuit. Electrical discharge tests and functional tests are also performed.



Connection for direct condensate discharge



Evaporator



Protection filter dust collector



Swivel wheels



Digital display with reading of ambient and set humidity

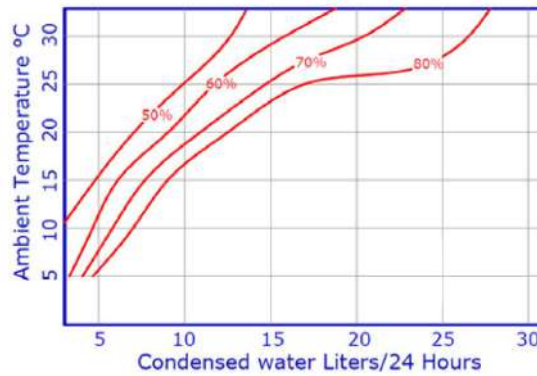


Side handles for handling and transport

TECHNICAL DATA

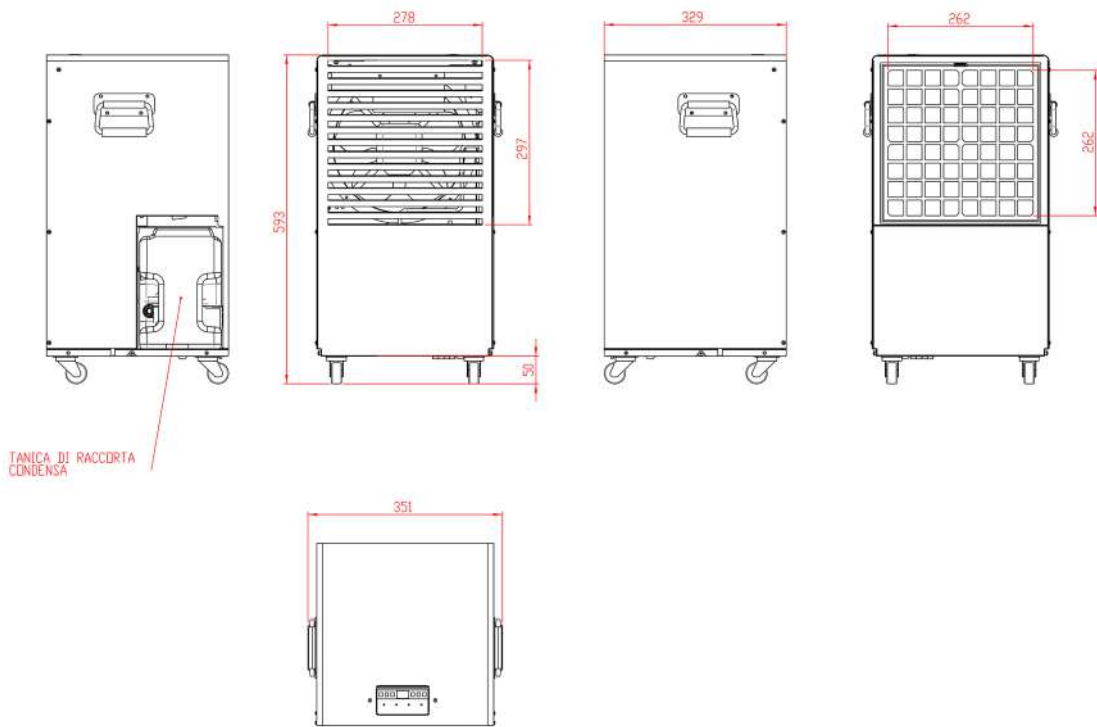
Nominal average energy consumption (27 °C - 60% R.H.)	360 W
Maximum power consumption (35 °C - 70% R.H.)	480 W
Maximum current consumption (35 °C - 70% R.H.) F.L.A.	2.3 A
Inrush current L.R.A.	8,5 A
Air flow	350 mc/h
Sound pressure level (3 meters in open field)	43 db (A)
Refrigerant gas	R290
Condensate water tank capacity	7 kg
Predisposition on board the machine for condensate drain	16 mm
Temperature working range	7÷35 °C
Working range (relative humidity) T <30 °C	35÷93%
Working range (relative humidity) T 30÷32 °C	35÷90%
Working range (relative humidity) T 32÷35 °C	35÷70%
Length	320 mm
Height	595 mm
Depth	330 mm
Weight	23.5 kg
Width (with packaging)	385 mm
Height (packed)	660 mm
Depth (packed)	385 mm
Weight (packed)	24.5 kg

PERFORMANCE



10°C - 60% u.r.	4.5 l/24h	25°C - 60% u.r.	11.5 l/24h
10°C - 80% u.r.	7 l/24h	25°C - 80% u.r.	17 l/24h
15°C - 60% u.r.	5.5 l/24h	27°C - 60% u.r.	13 l/24h
15°C - 80% u.r.	9 l/24h	27°C - 80% u.r.	19 l/24h
20°C - 60% u.r.	9 l/24h	30°C - 80% u.r.	26 l/24h
20°C - 80% u.r.	12.5 l/24h	32°C - 90% u.r.	33 l/24h

DIMENSIONAL



The equipment contains refrigerant (R290): this gas is flammable. The amount of charge is 0.088 kg. Pay attention: the refrigerant is odourless. The device must be installed, operated and stored in a room larger than 4m². Do not use means to speed up the defrosting process or for cleaning, other than those recommended by the manufacturer. The appliance should be placed in a room which does not have continuously operating sources of ignition (for example, open flames, an operating gas appliance or an operating electric heater). Do not puncture or burn.

The refrigerant gas used in these units is R290. The refrigerant circuit is made in compliance with current standards.

TECNOKLIMA SRL

Air treatment for companies and individuals

Administrative headquarters and warehouse:
Via della Repubblica, 1 ABCD
40057 Granarolo dell'Emilia (BO) Italy

Telephone +39 051/6056846 - 051/6066593
Email info@tecnoklima.it
Web www.tecnoklima.it

 **TecnoKlima**

The manufacturer reserves the right to make improvements to its products without notice. Features may vary depending on changes made for any customizations.