



Dehumidifier KT-1500

Wall mounted dehumidifier

Description

The **KT-1500** dehumidifier is designed to be inserted in the wall gauge to monitor relative humidity in houses and offices, in particular in ambients which use a floor or wall radiating panels air conditioning system. Extremely strong, it has a steel exosy-painted frame and is textured with maximumn attention before delivering. Its post coolingoff coil allows to dehumidify the air without changing its temperature. This coil must be connected with the same cooling-off water system as the air conditioning which has to be suitable for the aim. **KT-1500** does not necessary need to be connected to the cooling-off water system, in fact its condensation capacity does not change. High performances, eco-friendly refrigerant gas R134a and possibly equipped with on board or remote humidistat and thermostat. The elegant front grille is in varnished wood and can be customized. Tecnoklima series dehumidifiers must always be placed inside ambiances and are designed to treat clear air, without dust, chemical fumes, oily fogs, strong materials and explosives. Flush mounted dehumidifiers must always be installed with its own case and front grille.



con gas 100%
ecologico **R134a**

Accessories

- On board mechanical humidistat
 - Remote humidistat
 - Case
 - Front grille
 - Post cooling-off coil
- Post cooling-off coil
 - R134a eco-friendly gas
 - Wall installation
 - Helical fan
 - Ultimate generation hermetic compressor
 - Ideals for rooms with radiant air conditioning system

Applications

Wall mounted dehumidifier **KT-1500** ideal for spaces such as: apartments, houses, villas, residences, hotels, hotels, small exhibitions, taverns, homes, second homes, technical studios, offices, meeting rooms, waiting rooms, medical studios , etc...

Technical data

Related average power consumption (25°C - 60% R.H. – water 16°C)	230 W
Maximum power consumption (32°C-95% R.H.)	270 W
Maximum absorbed current (32°C-95% R.H.) F.L.A.	2 A
Locked rotor current F.L.A.	13,0 A
Air flow (with clear filter)	200 mc/h
Air flow range	-
Sound pressure level (at 3 mts in free field)	33db(A)
Refrigerant	R134a
IN/OUT water connections	3/8"
Condensation drainage connection (rubber duct)	16 mm
Functioning temperature range	14/33°C
Functioning relative humidity range	45/98%
Cooling water flow (entry temperature 16°C)	75 l/h
Head pressare drop of water cooling coil (entry temperature 16°C)	0,07 bar

ENTRY WATER NOT LESS THAN +16°C

Water IN/OUT	23°C - 55%	23°C - 65%	25°C - 55%	25°C - 65%	27°C - 65%	30°C - 80%
16/18°C	5,5 l/24h	7 l/24h	6,5 l/24h	7,5 l/24h	8,5 l/24h	13 l/24h

DATA REFERRING TO STANDARD UNIT (WITH DEFROST)

Functional testing

All the devices are carefully tested before shipment and comply with European Directives. They bear the CE mark and are accompanied by a comprehensive instruction booklet with conformity certifications. They have a standard installation procedure which is extremely simple requiring no masonry work except for the simple cleaning of the dust-free air filter..

Struttura dell'unità



Front grille:

Varnished wooden grille, possibly customizable (optional).

Dehumidifier KT-1500:

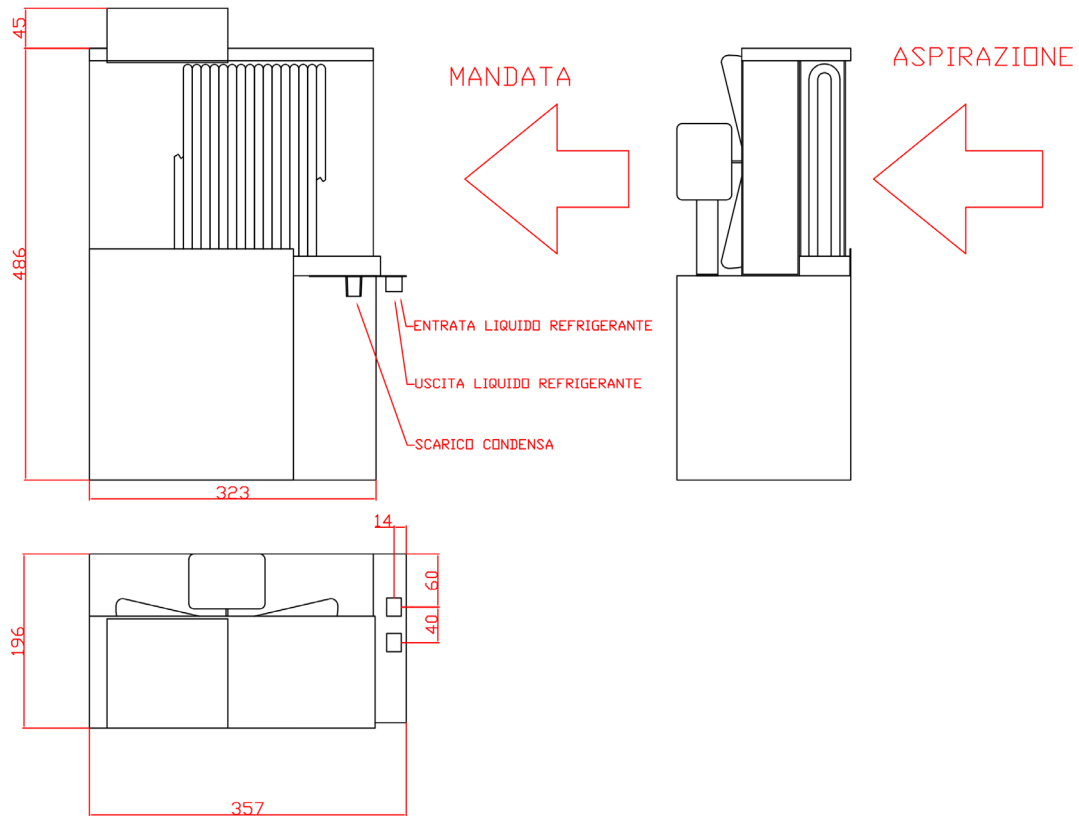
Wall-mounted dehumidifier to control relative humidity in rooms that adopt a radiant air conditioning system.

Case:

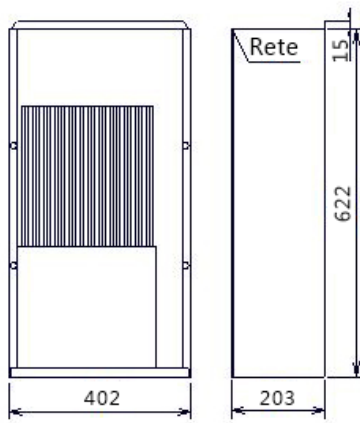
Case with metal structure (optional).

Dimensional

Dehumidifier KT-1500:

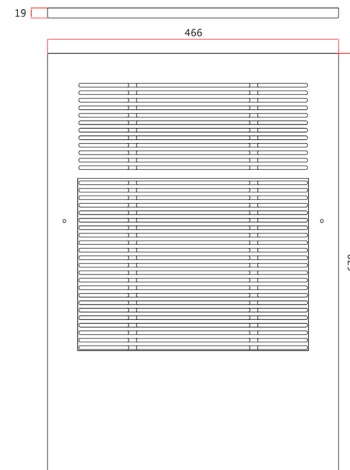


Case:



Height	622 mm
Width	402 mm
Depth	203 mm

Front grille:



Height	670 mm
Width	466 mm
Depth	19 mm