



Dehumidifier KT-80 CAR

Construction sites tracked dehumidifier

Refrigerating cycle professional air dehumidifiers are planned for professional and semi-professional uses. They are provided with a structure made of epoxy powder painted galvanized steel sheet and four pivoting wheels to ease moving. Dehumidifiers are compact and extremely reliable and they need a very little maintenance. Our refrigerating cycle professional dehumidifiers are entirely assembled in factory, exposed to vacuum cycle tightness test and filled with **R410A eco-friendly refrigerant**. Our dehumidifiers owe their reliability and une versatility to a specific care in the creation of the refrigerating section, indeed they are exposed to a complete functional trial before the shipment. All the devices comply with European Directives, bear the CE mark and are accompanied by a comprehensive instruction booklet with conformity certifications.

Description

Our construction sites dehumidifier is employed for drying materials, for example after painting processes. It is ideal for: new, overflowing and restored room dehumidification; drying residential ambients; drying screeds applications for wooden floors. This dehumidifier is also employed in industrial and building fields. Thanks to different kinds of dehumidifiers we are able to supply different solutions for each necessity with fast delivery. All our machines are geared with eco-friendly refrigeration gas to avoid environment damage. The high condensation production efficiency devices of **KT-80 CAR** are also used in places where temperatures are very low because rooms are not warmed, and as a consequence relative humidity is very high. That's why our dehumidifiers are geared with an on board hot gas defrosting system which enables them to work in places such as auto workshops and factories also in winter time. Our technical office can give you technical and marketing informations and customized evaluations basing on your needs for free.




con gas 100%
ecologico **R410A**

- Hot gas defrosting
- Condensate drainage pump
- Air filter replacement
- Structure with wheels
- R410A eco-friendly refrigerant

Applications

Our construction site dehumidifier is employed for drying materials, for example after painting processes. It is ideal for: new, overfolding and restored room dehumidification; drying residential ambients; drying screeds applications for wooden floors. This dehumidifier is also employed in industrial and building fields. The high condensation production efficiency devices of **KT-80 CAR** series are also used in places where temperatures are very low because rooms are not warmed, and as a consequence relative humidity is very high.

Versions

KT-80: work area +15/+35 °C

KT-80/S: work area +1/+35 °C

Technical data

Voltage	230 V 50 Hz
Related average power consumption (at 20°C, 60% R.H.)	1050 W
Power consumption (at 26,7°C, 60% R.H.)	1280 W
Max power consumption (at 35°C, 70% R.H.)	1480 W
Max absorbed current (at 35°C, 70% R.H.) F.L.A.	7,2 A
Locked rotor current L.R.A.	28 A
Air flow	1000 mc/h
Sound pressure level (at 3 mts in free field)	52db(A)
Refrigerant	R410a
Refrigerant quantity	820 gr
Defrosting control system	elett. +termost.
Defrosting kind	Hot Gas
Condensed water tank capacity	ca 14 lt
Condensed water draining pipe connection	3/4"
Functioning temperature range hot gas defrosting version (model /S)	+1 / +35°C
Functioning relative humidity range for <30°C temperatures	35-98%
Functioning relative humidity range for 30-32°C temperatures	35-90%
Functioning relative humidity range for 32-35°C temperatures	35-70%
Rated condensation capacity (at 30°C, 80% R.H.)	80 lt/24h
Rated condensation capacity (at 32°C, 90% R.H.)	96 lt/24h
Weight	56 Kg
Dimensions LxPxH mm	520 X 420 X 920
Compressor	PA160

Performance

WATER CONDENSATION WITH DIFFERENT TEMPERATURES AND HUMIDITY IN THE ENVIRONMENT												
Environmental conditions	10°C - 60%	10°C - 80%	15°C - 60%	15°C - 80%	20°C - 60%	20°C - 80%	25°C - 60%	25°C - 80%	27°C - 65%	27°C - 80%	30°C - 80%	32°C - 90%
Condensed water	15 lt/24h	26 lt/24h	22 lt/24h	35 lt/24h	30 lt/24h	45 lt/24h	38 lt/24h	55 lt/24h	42 lt/24h	60 lt/24h	80 lt/24h	96 lt/24h

Dimensional

The KT series dehumidifier is a refrigerated cycle machine which operates on the physical principle for which when the air touches a cold surface it spills the latter transferring humidity in the form of condensation. Basically, the refrigeration unit manatins cold a coil which contains air that grows cold, then heats up and it is issued in the room dehumidified.

