PRACTICAL ADVANTAGES:

- Automatic hygrostat-controlled dehumidifying operation
- Overload protection for automatic switch off
- High dehumidification performance
- Top value for money

More information on our current models and the use of dehumidifiers can be found on our website at www.trotec.com!

Small, but oh so…

The all-purpose, cost-effective dehumidifiers – optimum protection against damp and corrosion…


…for weekend cottages!


…for workshops!


…for wash-rooms!


…for home and hobby!


…for wine cellars and archives!

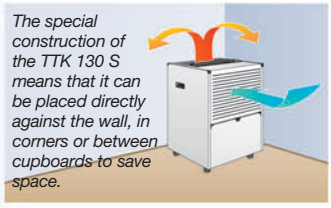

…for offices!


…for laboratories!

Whether for valuable objects, archives, collections or items in storage, these compact dehumidifiers protect against corrosion and the consequential costs caused by damage from damp – low-maintenance and effective.

All models are ideally suited for use in offices and living areas. Their castors and compact construction make them extremely versatile, e.g. for use in garages, wine cellars, archives, laboratories, storage rooms, washrooms or workshops.

With their dual condensate drainage system, these dehumidifiers are also ideal for longer-term, unattended use on boats, in weekend cottages, local shop units, etc.


The special construction of the TTK 130 S means that it can be placed directly against the wall, in corners or between cupboards to save space.


The TTK 150 S and TTK 150 SF can be stacked and thus require only minimum storage space.

Selected humidity and temperature values for rooms

rel. humidity		Temperature
Living rooms/workrooms, offices		
50 %	at	19-24 °C
Library		
40-50 %	at	22 °C
Picture gallery		
45-55 %	at	20 °C
Antiques		
45-50 %	at	20-24 °C
Books (storage)		
40-50 %	at	15-20 °C

Humidity is invisible, but the damage that it causes not…

If the water content in the air in a room exceeds the safe values for relative humidity, a wide variety of damage can occur.

Also if there are temperature differences between adjacent rooms the moisture contained in the air inevitably condenses in the rooms at the lower temperature.

The first visible alarm signals are usually clammy clothing, musty smells and blotchy walls, or potatoes sprouting in cellars.

Furthermore mildew starts to appear from about 70 % humidity. Requirements for the onset of rust are less demanding – metal corrosion starts to occur from 60 % humidity.

So air that is too damp can lead to a variety of problems and expensive heating is not the answer. While the air is heated, it remains damp.

Simple ventilation is also no solution, because no moisture is ever removed from the air in the room.

With the TTK units effective dehumidification is better and more cost-effective!


TTK 50 S


TTK 100 S


TTK 130 S


TTK 150 S

TTK 150 SF

Our tip when buying driers – it's a good idea to make comparisons…

In the small dehumidifier sector in particular there can be large differences in quality – e.g. in the dehumidification performance in the low temperature range (< 15 °C). Products that superficially often look similar at first glance, on closer inspection can reveal – particularly when comparing components used – significant differences in quality. **We are committed to the quality demanded by our large units, and we do not allow any compromises with the small driers either.** Whether in terms of quality of manufacture, dehumidification performance or service life – **with the TTK units from the S series you will always get a professional small dehumidifier with optimum value for money.** And should a repair be necessary at any time – we carry out the work necessary quickly and reliably in our own service workshop and make available a replacement unit on request – **not the standard of service you might expect, but the standard set by Trotec!**

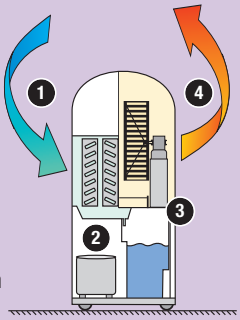
TECHNICS

Functional principles: reliable and proven in practice

The moist air is drawn in by a fan and fed through the evaporator ①.

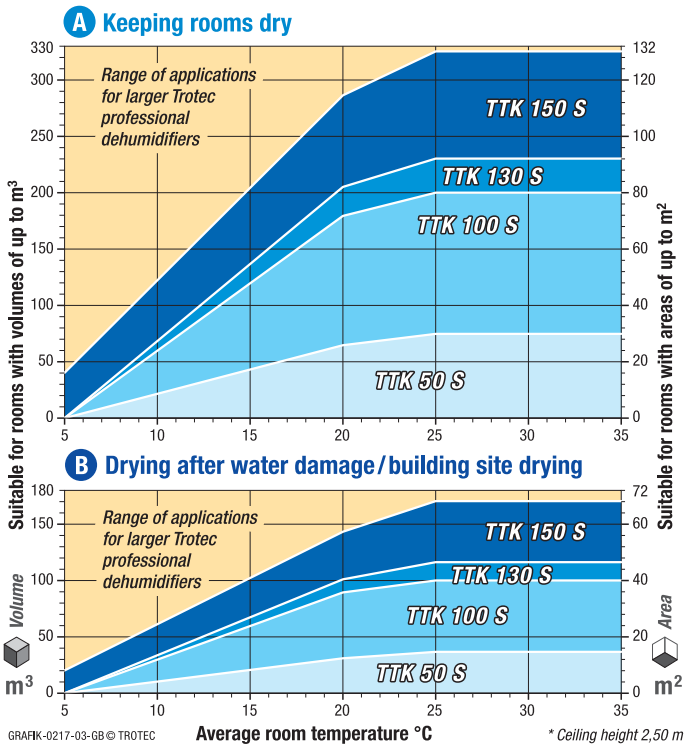
The evaporator is so designed that despite its low mass a high dehumidification performance is achieved. Here the air gives up a large part of the water vapour that it contains ②.

The condensed water is led into a catchment tank ③, the cold air flows through a heated condenser and from there is fed back as temperate dry airinto the room ④.



Overview of features and functions:		TTK 50 S	TTK 100 S	TTK 130 S	TTK 150 S
Automatic hygrostat-controlled dehumidifying operation		✓	✓	✓	✓
Overflow sensor with automatic shut-off		✓	✓	✓	✓
High dehumidifying performance	in heated rooms	✓	✓	✓	✓
	in unheated rooms	–	✓	✓	✓
Air filter		✓	✓	–	✓
Warning lamp to indicate full condensate container		✓	✓	✓	✓
Type of housing	Plastic	✓	✓	–	–
	Metal	–	–	✓	✓
Mobility	Carrying handle(s)	✓	✓	✓	✓
	Plastic castors	✓	✓	–	–
	Rubber-tyred metal wheels	–	–	✓	✓
	Trolley	–	–	–	(SF)
Can be placed against the wall, in corners or between cupboards to save space		–	–	✓	–
Stackable to save space		–	–	–	✓
Optional installation of condensate pump		–	–	–	✓

Appliance selection depending on room size with the main area of application:



Practical assistance to help you choose your TTK dehumidifier

In competitors' products one often finds recommendations regarding suitability in terms of room size data which in many cases relate to theoretical maximum values, e.g. a room temperature of 35 °C with 90 % relative air humidity. Such values are mostly achievable only under laboratory conditions, and almost never in practical use.

To help you select the ideal TTK dehumidifier for your practical application, the above diagram is not based on theoretically derived numbers, but rather on values from our many years of experience in the field of room dehumidification. The expected ambient temperature of the respective rooms is always decisive when choosing the appliance.

In particular in the case of unheated rooms in which long-term average temperatures of < 15 °C prevail, effective dehumidification requires a unit with a professional defrosting system and a higher compressor performance.

Section A of the diagram shows the suitability of the appliances with respect to the room size, with the emphasis on keeping rooms dry.

When drying after water damage or for use in building site drying, i.e. in areas of extreme dampness, environmental conditions are completely different. In this case, 50 % should be added to the normal room suitability of the dehumidifier, as shown in section B of the diagram!

Technical data		TTK 50 S	TTK 100 S	TTK 130 S	TTK 150 S	TTK 150 SF
Article no.		KT6000715	KT6000725	1.120.000.132	1.120.000.152	1.120.000.153
Working range		5 °C to 35 °C	5 °C to 35 °C	5 °C to 32 °C	2 °C to 32 °C	
Dehumidification performance / 24 h	at 30 °C / 80 % R.H.	12 litres	26 litres	28 litres	37 litres	
	max.	15 litres	30 litres	35 litres	45 litres	
Air flow rate		120 m³/h	190 m³/h	300 m³/h	400 m³/h	
Voltage / frequency		230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	
Power consumption		0.3 kW	0.62 kW	0.55 kW	0.45 kW	
Water tank		2 litres	5 litres	6 litres	6 litres	
Noise level dBa		44 - 46	44 - 46	54	54	
Lenght		220 mm	315 mm	382 mm	404 mm	471 mm
Width		310 mm	390 mm	398 mm	404 mm	595 mm
Height		540 mm	630 mm	585 mm	647 mm	939 mm
Weight		13 kg	26 kg	28.7 kg	31 kg	36 kg