

A FEW PRACTICAL BENEFITS :

Development, Design, Production:
100 % Trotec

Quality hot gas automatic defrosting*

High dehumidification performance
even at low temperatures

Robust plastic-coated metal housing

Portable and easily stored anywhere
thanks to its rotary compressor

Automatic hygrostat controlled
dehumidification

MID compliant dual counter⁴
for active hours and kilowatt hours
available as an option*

*except TTK 105 S

Commercial dehumidifiers TTK-S standard series white



Power consumption billing?

For commercial billing the electricity consumption must be determined by means of an MID meter. Device without an MID meter? The BX50 MID provides the solution – further information can be found on page 163...



**Simple. Good. Robust and reliable.
That is what you get from us in black and white.**

The dehumidifiers of our “white fleet” are going equally strong in both price and performance. Therefore, with this series you can benefit from prices on a Far Eastern level without having to cut back on workmanship and reliability.

For the quality of these dehumidifiers is no accident – but traditional EU manufacturing.

All devices are designed to be robust and durable – the plastic-coated metal housing is hardwearing, ideal for rough everyday usage. A professional hot gas automatic defrost system ensures effective dehumidification results even at low temperatures. Frequently changing sites are not a problem either:

Owing to its low weight and the ultra-compact design the TTK 105 S equipped with carry handle can be carried comfortably. The model next in size, the

TTK 140 S, comes with steerable, rubber-tyred steel wheels as well as with practical recessed handles and can therefore be easily transported from one operating site to another.

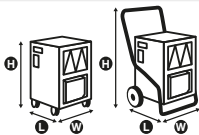
The TTK 105 S is a high-quality device of German manufacturing originally produced by Trotec.

The hard-wearing power pack is provided with a stackable aluminium housing making this commercial dehumidifier light and robust in equal measure.



Tried and tested robust technology that runs and runs. Easy-care, low-maintenance, reasonably priced. This is what defines our TTK-S commercial dehumidifiers of the white series.



Technical data		TTK 105 S	TTK 140 S	TTK 170 S	TTK 350 S	TTK 650 S
Article number		1.120.000.109	1.120.000.141	1.120.000.155	1.120.000.160	1.120.000.171
Dehumidification performance / 24 h [litres]	at 30 °C / 80 % RH	28	35	40	55	91
	max.	30	40	50	70	150
Air volume [m³/h]		240	580	580	1,000	1,000
Operating range	Temperature [°C]	5 to 35	5 to 32	5 to 32	5 to 32	5 to 32
	Humidity [% RH]	30 to 100	50 to 90	50 to 90	50 to 90	50 to 90
Input voltage [V/Hz]		230 / 50	220-240 / 50	220-240 / 50	220-240 / 50	220-240 / 50
Max. power input [kW]		0.52	0.6	0.6	1.3	1.9
Refrigerant**	Type	R-290	R-290	R-290	R-454C	R-454C
	Amount [g]	125	150	150	650	1,050
GWP factor**		3	3	3	146	146
CO ₂ equivalent*** [t]		0.00038	0.00045	0.00045	0.09490	0.15
Water tank [litres]		5.2	6 ¹	6 ¹	6 ¹	–
Sound level (distance 1 m) [dB(A)]		55	52	52	54	56
Length [mm]		250	400	540	530	616
Width [mm]		342	400	490	500	511
Height [mm]		517	605	963	965	1,022
Weight [kg]		14.5	29	32	39	52
						
Equipment and functions		TTK 105 S	TTK 140 S	TTK 170 S	TTK 350 S	TTK 650 S
Automatic defrosting	Hot gas	–	■	■	■	■
	Air circulation / electronic	■	–	–	–	–
Automatic dehumidification	Adjustable analogue hygrostat	–	■	■	■	■
	Electronic hygrostat with digital display	■	–	–	–	–
Filling level warning light indicating that the water tank is full		■	■	■	■	–
Overflow protection with automatic switch-off		■	■	■	■	–
Washable air filter		■	■	■	■	■
Operating hours counter ³		7.140.000.899	7.140.000.313	7.140.000.313	7.140.000.313	7.140.000.313
Dual counter for operating and kilowatt hours ³ (MID compliant ⁴)		–	7.140.000.903	7.140.000.903	7.140.000.903	7.140.000.903
Protective bars for the control panel / control panel recessed for protection		– / ■	– / –	– / –	– / –	– / –
Transport handle(s)		■	■	■	■	■
Non-marking full-rubber wheels		–	■	■	■	■
Swivel castors with wheel lock		–	■	–	–	–
Carriage design		–	–	■	■	■
Stackable		■	–	–	–	–
Connection for external condensation draining		■	■	■	■	■
Optional condensate pump assembly		–	□	□	□	□
Accessories (consumables)		TTK 105 S	TTK 140 S	TTK 170 S	TTK 350 S	TTK 650 S
Air filter (filter fleece)		7.160.000.006	7.710.000.332	7.710.000.332	7.710.000.334	7.710.000.335
Available accessories		TTK 105 S	TTK 140 S	TTK 170 S	TTK 350 S	TTK 650 S
External condensate pump ²		6.100.003.020	6.100.003.020	6.100.003.020	6.100.003.020	6.100.003.020

¹ This is the "switch-off value", generally the containers hold approx. 7 to 8 litres of water to avoid spilling when transporting a full tank.

³ Equipment options to be stated at the time of order, not subsequently installable

² Without auto switch-off of the dehumidifier

■ Standard equipment □ Optional equipment

⁴ What does MID compliant mean? The European Measuring Instruments Directive (MID) has replaced the existing rules of national approval and subsequent calibration in some areas. As a result, all power meters, which are used for energy consumption billing, must be MID compliant in the future.



From the TTK 140 S upwards integrated recessed handles make it easier for you to transport and position your devices. The larger models starting from the TTK 170 S and bigger are further delivered in a carriage design with additional bar handle and large wheels.



Thanks to the standard external condensate drain all dehumidifiers are also suited for longer unattended continuous drying applications.



Operating switch and filling level warning light (except TTK 105/650 S) are protected from dust and spray water by a protective cap, and a slotted hygrostat rotary switch protects against inadvertent misadjustment of the switch position.

All models are available with an optional hours counter – from TTK 140 S upwards with MID compliant⁴ dual counter for active hours and kilowatt hours ①.



In case of the TTK 105 S the desired humidity value can be entered directly via the digital display. Furthermore, the current temperature and humidity values of the room air can be read at any time. A time-controlled application is also possible using the timer function.

**Functionally, this device contains a hermetic system with fluorinated greenhouse gas as a refrigerant in the specified specifications and with a greenhouse gas potential corresponding to the indicated GWP factor.

Trotec

Dehumidification

Humidification

Heating

Ventilation

Air conditioning

Air cleaning

Disinfection and Odour neutralization

Accessories