

A FEW PRACTICAL BENEFITS:

- Automatic dehumidification
- Comfort functions
- High dehumidification performance
- Overflow protection with automatic switch-off
- External condensation draining for continuous operation – no need to empty the containers by hand
- Cost-effectiveness of the very best



Comfort dehumidifiers



Whether for home, the office, garage or the holiday home – the cost-effective automatic dehumidifiers of the TTK-E-S compact class provide you with comfortable protection from humidity and corrosion...

**TROTEC TTK-E-S-
COMPACT-CLASS**
EUROPE'S BEST-SELLING
COMPACT DEHUMIDIFIER SERIES!



Overview of the optimal humidity and temperature guidelines for rooms

Rel. humidity	Temperature
Living and working spaces, offices	
50 %	at 19-24 °C
Library	
40-50 %	at 22 °C
Art gallery	
45-55 %	at 20 °C
Antique store	
45-50 %	at 20-24 °C
Books (storage)	
40-50 %	at 15-20 °C

Good choice, good devices – with a dehumidifier from the TTK-E-S compact class, you get more than you paid for in more ways than one:

Europe's best-selling compact dehumidifier series offers you the suitable model for your needs, whether you need to keep your living spaces dry or protect your valuables, archives, collections or stored goods free of corrosion, while avoiding follow-up costs due to moisture damage.

With each dehumidifier, you benefit from outstanding value for money from a leading manufacturer with their own production, technical service and technical workshops.

Do not wait until damp clothing, musty smells and patchy walls or mould stains on books or textiles appear as the first warning signs or moisture damage. For example, did you know that mould can already form at 70 % humidity – and rust at just 60 %?

With a Trotec comfort dehumidifier, you can effectively prevent these damages, while also significantly improving your perceived room climate.

Thanks to its mobility and compact dimensions, our devices can also be flexibly used in other rooms rather than

just living rooms, for example, dehumidification in wine cellars, store rooms, laundries, laboratories or workshops.

By connecting an external condensation drain, these dehumidifiers are also perfect for keeping areas dry for extended times without supervision, for example, holiday homes, shops, boats and many more.

Mobile, quiet, practical and elegant – just position it, switch it on and your rooms stay constantly dry!

TTR 55 S

"Small room sensation"
thanks to adsorption ...



Special features :

Adsorption dryer for non-stop dehumidification performance without pausing to defrost

Already from a room temperature of 5 °C, the dehumidification performance is very high

Wide range of uses from 1 °C to 40 °C

Timer, ioniser and swing function



TTK 25 E

Attractive, perfect in form
and highly efficient ...



Special features :

Lightweight, space-saving mini cube

Automatic hygrostat-controlled dehumidification with preselection of 40, 50 or 60 % RH

Control panel with LED light

Easy to clean construction



TTK 30 S

The ideal basic device
for small rooms ...



Special features :

Peaceful and quiet dehumidification

Versatile due to small construction

Very low-cost solution for simultaneous dehumidification and cleaning of room air



TTK 40 E

High user comfort in an
elegant design ...



Special features :

Quick automatic dehumidification with hygrostat control

Easy-care control panel with membrane keys and digital display

Two fan stages

Timer function

Filter clean indicator



TTK 50 S

Compact quality
dehumidifier ...



Special features :

Automatic hygrostat controlled dehumidification

High dehumidification performance in heated rooms

Very quiet operation

Particularly easy handling



TTK 70 S

Extra slim construction for
maximum flexibility ...



Special features :

Automatic hygrostat controlled dehumidification

Slim construction for space-saving positioning

Special dehumidification function for drying clothes

Timer function



TTK 75 E

Pleasantly small, but highly efficient and powerful ...



Special features :

- Automatic hygrostat controlled dehumidification
- High air-circulation-dehumidification-ratio
- Very quiet operation
- Particularly easy handling



TTK 75 S

Dehumidification at its best ...



Special features :

- Attractive design with practical transport handle
- Two fan stages
- Automatic hygrostat controlled dehumidification
- Space saving positioning with only 20 cm gap to the wall



TTK 90 E

Comfort dehumidification at its best ...



Special features :

- Hygrostat control with real-value humidity selection
- Digital display of current humidity and temperature values
- Selectable full automation or permanent operation
- Timer function
- Two fan stages



TTK 100 E

Strong dehumidifier with a digital control panel ...



Special features :

- Digital display of current humidity and temperature values
- Timer function
- Two fan stages



TTK 100 S

Top design and high dehumidification performance ...



Special features :

- Professional hot gas automatic defrosting
- High dehumidification performance, even in unheated rooms
- Automatic hygrostat controlled dehumidification
- Powerful radial fan



TTK 105 S

Robust power pack with comfort features ...



Special features :

- Stackable aluminium housing – lightweight and robust
- Hygrostat control with real-value humidity selection
- Digital display of current humidity and temperature values
- Operating hours counter (optional)



TTK 120 S

**Solid, reliable, powerful –
a classic ...**



Special features :

Hot gas automatic defrosting
on a 30 minute cycle

Perfect for rooms sizes
up to 238 m³

Dehumidifier from EU production
with a combined housing
from solid metal and plastic



TTK 120 E

**Stylish dehumidifier with
high performance ...**



Special features :

SuperDry function
(permanent drying)

Automatic hygrostat controlled
dehumidification

Easy-care material combination
with an eye-catching look



TTK 122 E

**Great design
to dry large rooms ...**



Special features :

Professional hot gas
automatic defrosting

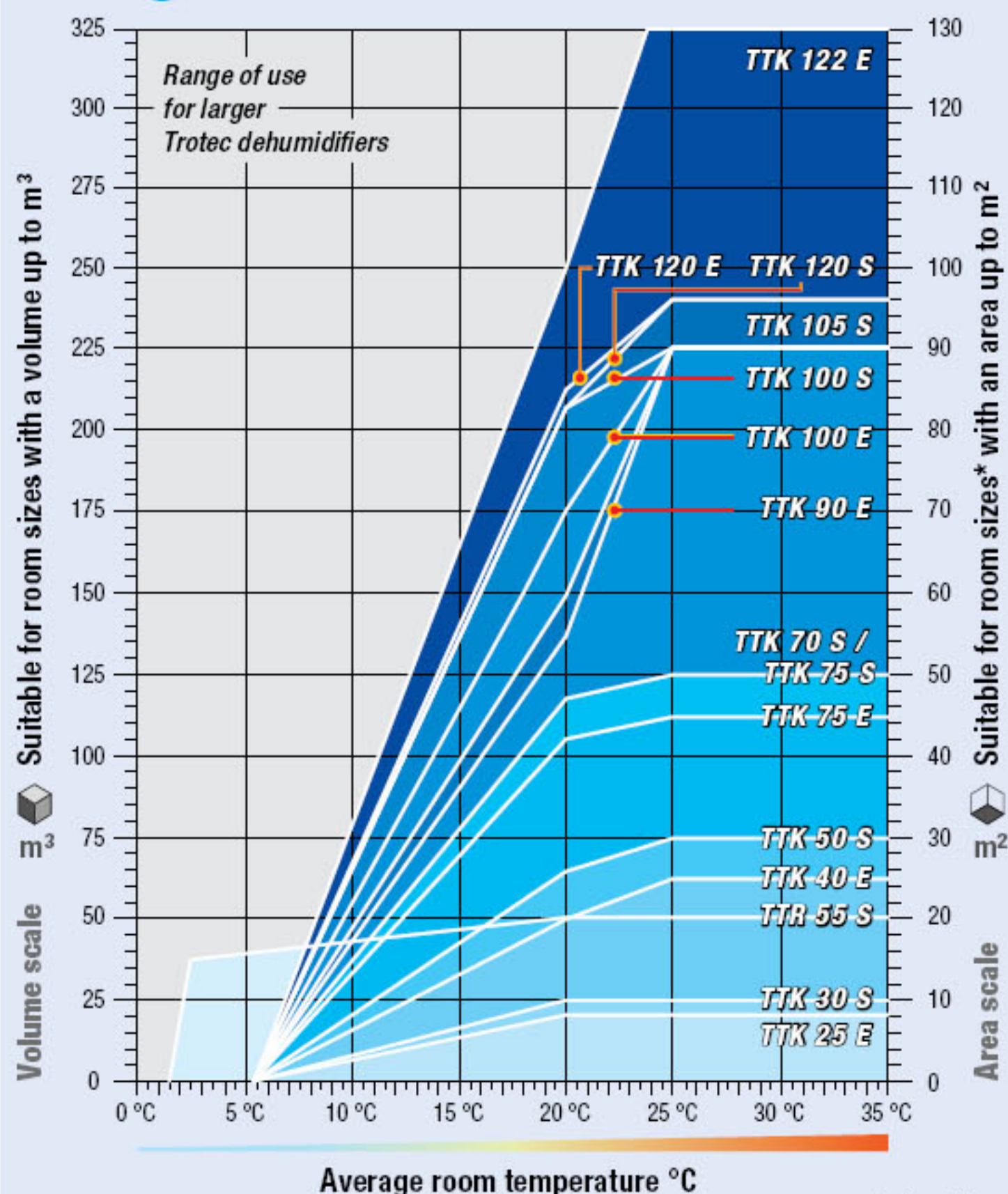
High dehumidification
performance, even in
unheated rooms

Automatic hygrostat controlled
dehumidification

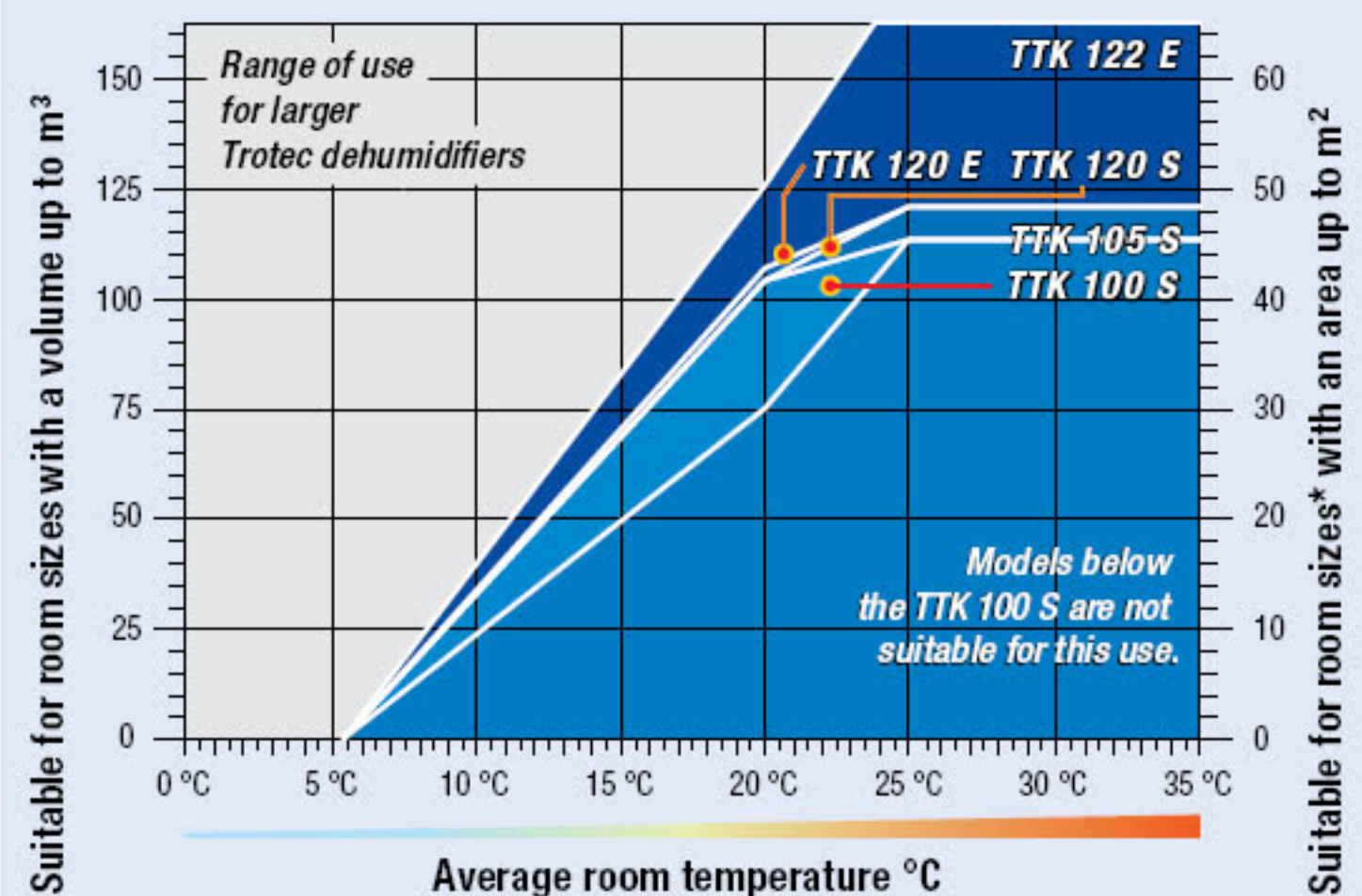


Device selection depending
on room size with planned application:

A Keeping rooms dry



B Clearing water damage or construction drying



GRAFIK-0217 C-11-EN © TROTEC

The image shown above is designed to quickly help select the best Trotec dehumidifier for keeping your rooms dry and is based on our many years of experience in the field of room dehumidification.

When selecting a device, the expected ambient temperature of the relevant rooms is always a major factor. While devices with professional defrost systems and higher compressor performance are needed for effective dehu-

midification in unheated rooms with temperatures below 15 °C for example, the economical adsorption dryer TTR 55 S is better suited if you need to keep smaller, cooler rooms dry.

With the tables on the following pages we provide you an additional guide with typical cases and suitability evaluation in different fields of application.



**All comfort dehumidifiers
of the TTK-E-S compact class
in overview...**



Technical data		TTR 55 S	TTK 25 E	TTK 30 S	TTK 40 E	TTK 50 S	TTK 70 S	TTK 75 E	TTK 75 S
Article number		1.120.000.062	1.120.000.025	1.120.000.032	1.120.000.036	1.120.000.052	1.120.000.070	1.120.001.003	1.120.000.075
Dehumidification performance / 24 h [litres]	at 30 °C / 80 % RH	8.5	10	10	12	15	20	18.2	20
	max.	8.7	12	12	14	18	24	20	24
Amount of air [m³/h]		150	50	100	100	120	150	192	180
Suitable for room sizes up to [m²/m³]		25/50	10/25	12/30	25/63	30/70	50/125	45/110	50/125
Working range	Temperature [°C]	1 to 40	5 to 35	5 to 35	5 to 35	5 to 35	5 to 35	5 to 35	5 to 35
	Humidity [% RH]	45 to 100	30 to 100	49 to 100	30 to 100	40 to 100	49 to 100	40 to 100	49 to 100
Input voltage [V/Hz]		230/50	230/50	230/50	230/50	230/50	230/50	230/50	230/50
Max. power input [kW]		0.6	0.2	0.21	0.34	0.34	0.4	0.32	0.33
Water tank [litres]		2.7	2.3	1.6	3.5	3.5	4	3	3.6
Sound level [dB (A)]		48	43	40	43	42	48	42	40
Length [mm]		205	230	310	225	240	378	245	300
Width [mm]		300	230	160	353	315	185	340	350
Height [mm]		500	386	510	496	545	582	570	585
Weight [kg]		6.7	8.5	9.1	10.5	11.3	12.4	12.3	12.8
Configuration and functions		TTR 55 S	TTK 25 E	TTK 30 S	TTK 40 E	TTK 50 S	TTK 70 S	TTK 75 E	TTK 75 S
Automatic defrost	Electronic	⚙	■	■	■	■	■	■	■
	Hot gas	⚙	–	–	–	–	–	–	–
Automatic dehumidification	Hygrostat controlled	–	■	–	■	■	■	■	■
	Program controlled	■	–	–	–	–	–	–	–
Fan stages		3	1	2	2	1	1	1	2
Full warning signal indicates that the water tank is full		■	■	■	■	■	■	■	■
Overflow protection with automatic switch-off		■	■	■	■	■	■	■	■
Washable air filter		■	■	■	■	■	■	■	■
Selectable ioniser		■	–	–	–	–	–	–	–
Adjustable fan direction	manual	–	–	■	–	–	■	–	–
	Swing function	■	–	–	–	–	–	–	–
Timer function		■	–	–	■	–	■	–	–
Operating hours counter		–	–	–	–	–	–	–	–
Carry handles / Swivel casters / Parking brakes		■ / - / -	■ / - / -	■ / - / -	■ / ■ / -	■ / ■ / -	■ / - / -	■ / ■ / -	■ / ■ / -
Connection for external condensation draining		■	■	■	■	■	■	■	■
Selection tool for suitability ¹⁾		TTR 55 S	TTK 25 E	TTK 30 S	TTK 40 E	TTK 50 S	TTK 70 S	TTK 75 E	TTK 75 S
Relative room size ²⁾		S M L	S M L	S M L	S M L	S M L	S M L	S M L	S M L
Keeping heated rooms such as hobby rooms dry		4 2 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1
Keeping unheated rooms such as garages and attics dry		5 2 1	2 1 1	2 1 1	2 1 1	2 1 1	3 1 1	3 1 1	3 1 1
Keeping living rooms and offices dry		5 1 1	4 1 1	4 1 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1
Keeping bathrooms, laundries and basements dry		5 1 1	3 1 1	4 1 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1
Keeping holiday homes dry		5 1 1	3 1 1	3 1 1	3 1 1	3 1 1	4 2 1	4 2 1	4 2 1
Protecting stock and optimising room climate in libraries, archives and museums		5 1 1	3 1 1	4 1 1	4 1 1	4 1 1	5 1 1	5 1 1	5 1 1
Protecting classic cars, motor boats and sailing boats from corrosion		5 1 1	3 1 1	4 1 1	4 1 1	4 1 1	5 2 1	5 2 1	5 2 1
Increasing operating security in computer and server rooms		5 1 1	3 1 1	3 1 1	3 1 1	3 1 1	4 1 1	4 1 1	4 1 1
Regulating room humidity in conservatories and indoor swimming pools		3 1 1	2 1 1	2 1 1	3 1 1	3 1 1	3 1 1	3 1 1	3 1 1
Keeping production halls and workshops dry		2 1 1	1 1 1	1 1 1	2 1 1	2 1 1	2 1 1	2 1 1	2 1 1
Optimising room humidity in wine stores and wine cellars		3 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
Inhibition of bacterial growth in clinics or laboratories		3 1 1	3 1 1	3 1 1	3 1 1	4 1 1	4 1 1	4 1 1	4 1 1

■ Standard equipment · ⚙ Non-stop dehumidification · ¹⁾ Suitability score from 5 = perfectly suited to 1 = not suited · ²⁾ S = small, M = medium, L = large



**All comfort dehumidifiers
of the TTK-E-S compact class
in overview...**



Technical data		TTK 90 E	TTK 100 E	TTK 100 S	TTK 105 S	TTK 120 S	TTK 120 E	TTK 122 E
Article number		1.120.000.105	1.120.001.005	1.120.000.102	1.120.000.107	1.120.000.122	1.120.000.119	1.120.000.023
Dehumidification performance / 24 h [litres]	at 30 °C / 80 % RH	28.4	25	28.4	28.4	27	28	38
	max.	30	30	30	30	35	30	40
Amount of air [m³/h]		240	200	200	240	510	340	350
Suitable for room sizes up to [m²/m³]		90/230	90/230	90/230	90/230	95/238	95/238	140/350
Working range	Temperature [°C]	5 to 35	5 to 35	5 to 35	5 to 35	5 to 43	9 to 35	9 to 35
	Humidity [% RH]	30 to 100	40 to 100	40 to 100	30 to 100	40 to 100	40 to 100	40 to 100
Input voltage [V/Hz]		230/50	230/50	230/50	230/50	230/50	230/50	230/50
Max. power input [kW]		0.52	0.67	0.67	0.52	0.40	0.45	0.5
Water tank [litres]		5.2	4.3	4.3	5.2	8	10	10
Sound level [dB (A)]		50	46	46	50	56 to 59	47	49
Length [mm]		253	290	290	250	362	310	310
Width [mm]		340	390	390	342	380	435	435
Height [mm]		540	612	612	517	605	650	650
Weight [kg]		13.6	15.2	15.2	14.5	23.5	22	23
Configuration and functions		TTK 90 E	TTK 100 E	TTK 100 S	TTK 105 S	TTK 120 S	TTK 120 E	TTK 122 E
Automatic defrost	Electronic	■	■	—	■	—	■	—
	Hot gas	—	—	■	—	■	—	■
Automatic dehumidification	Hygrostat controlled	■	■	■	■	■	■	■
	Program controlled	—	—	—	—	—	—	—
Fan stages		2	2	1	2	1	1	1
Full warning signal indicates that the water tank is full		■	■	■	■	■	■	■
Overflow protection with automatic switch-off		■	■	■	■	■	■	■
Washable air filter		■	■	■	■	■	—	—
Selectable ioniser		—	—	—	—	—	—	—
Adjustable fan direction	manual	—	—	■	—	—	—	—
	Swing function	—	—	—	—	—	—	—
Timer function		■	■	—	■	—	—	—
Operating hours counter		—	—	—	7.140.000.899	—	—	—
Carry handles / Swivel casters / Parking brakes		■ / ■ / —	■ / ■ / —	■ / ■ / —	■ / — / —	■ / ■ / ■	■ / ■ / —	■ / ■ / —
Connection for external condensation draining		■	■	■	■	■	■	■
Selection tool for suitability ¹⁾		TTK 90 E	TTK 100 E	TTK 100 S	TTK 105 S	TTK 120 S	TTK 120 E	TTK 122 E
Relative room size ²⁾		S M L	S M L	S M L	S M L	S M L	S M L	S M L
Keeping heated rooms such as hobby rooms dry		5 3 2	5 3 2	5 4 2	5 3 2	5 4 2	5 4 2	5 5 3
Keeping unheated rooms such as garages and attics dry		3 1 1	3 1 1	5 3 2	3 1 1	5 3 2	3 2 1	5 4 3
Keeping living rooms and offices dry		5 3 2	5 3 2	5 4 2	5 3 2	4 4 2	4 4 2	5 4 3
Keeping bathrooms, laundries and basements dry		5 3 1	5 3 1	5 4 2	5 3 1	5 4 2	5 4 2	5 5 3
Keeping holiday homes dry		4 3 1	4 3 1	5 4 3	4 3 1	5 4 2	4 3 1	5 5 4
Protecting stock and optimising room climate in libraries, archives and museums		5 3 1	5 3 1	5 4 2	5 3 1	5 4 2	5 4 2	5 5 3
Protecting classic cars, motor boats and sailing boats from corrosion		5 3 1	5 3 1	5 4 2	5 3 1	5 4 2	5 3 1	5 5 3
Increasing operating security in computer and server rooms		5 3 2	4 3 2	5 3 2	5 3 2	5 4 2	5 4 2	5 5 3
Regulating room humidity in conservatories and indoor swimming pools		4 2 1	4 2 1	5 3 2	4 3 2	5 4 2	5 4 2	5 5 3
Keeping production halls and workshops dry		3 1 1	3 1 1	3 2 1	3 1 1	4 3 2	4 3 2	5 4 3
Optimising room humidity in wine stores and wine cellars		2 1 1	2 1 1	5 3 2	2 1 1	3 2 1	2 1 1	5 4 3
Inhibition of bacterial growth in clinics or laboratories		4 2 1	4 2 1	5 3 2	4 2 2	5 4 2	5 4 2	5 5 3

■ Standard equipment · ⚙ Non-stop dehumidification · ¹⁾ Suitability score from 5 = perfectly suited to 1 = not suited · ²⁾ S = small, M = medium, L = large

Trotec

Dehumidification

Humidification

Heating

Ventilation

Air conditioning

Air cleaning

Odour control

Accessories