

Vertical heater TES 200 DD

This professional special heating device from German quality production is a unique combination solution for filtering and thermal inactivation of microorganisms and disinfection of surfaces

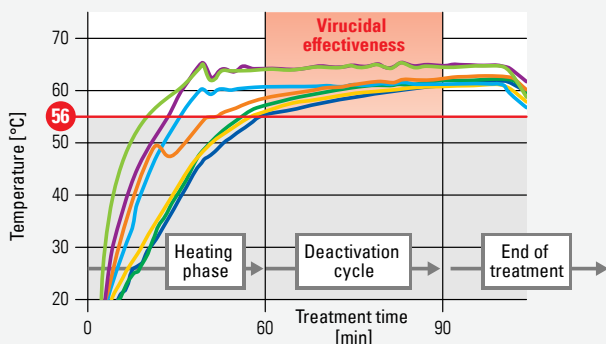
NEW



- Flexible and efficient inactivation of microorganisms in the air and on surfaces
- Target surface temperatures adjustable up to 65 °C (70 °C on request)
- Also effective with SARS corona, influenza, hepatitis viruses
- 360 ° inactivation, therefore no "white spots", as they occur in manual cleaning with disinfectant chemicals in practice
- Omnidirectional air distribution for even heating of surfaces such as walls, cupboards, beds, tables, chairs etc.
- Variably controllable exposure time of the target surface temperature
- DualDecon function: Alternating use as a thermal disinfector and between the disinfection intervals as a professional HEPA-H14-Air purifier for virus filtering
- 100% environmentally friendly, no chemicals, no harmful substances
- Rooms can be used again immediately after disinfection
- Professional quality "Made in Germany" - Original Trotec Production

Example virus inactivation

Thermal treatment of a furnished office container



Captions: Indoor air (green), Window (light blue), Table surface (dark blue), Wall (yellow), Printer housing (purple), Upholstered office chair (textile) (orange), Armrest office chair (plastic) (light green)



NEW

Possible uses:

- Mobile clinic and hospital systems based on containers
- Treatment, patient, waiting room
- Hotels, cruise ships, youth hostels
- Offices, meeting rooms, canteens
- Public transport (buses, wagons)
- Small shops, practices
- Smaller rooms in schools, universities, kindergartens
- Retirement homes, care and rehabilitation facilities



TES 200 DD – Special heater for permanent virus prevention in alternating operation of thermal inactivation and H14-HEPA air filtration

An intelligent automatic control system carries out the thermal inactivation process, in which the room air and the contact surfaces of furniture and inventory are heated to $\geq 56\text{ }^\circ\text{C}$ for at least 30 minutes, which is a virus-effective inactivation.

In the treatment center, the special lamella design of the blow-out tower ensures uniform 360° exposure to hot air throughout the room.

The setting of the treatment time can be extended from 30 to 300 minutes if necessary.

The DualDecon blow-out tower also offers space for an optional H14-HEPA filter: While the thermal inactivation process can be carried out at night, for example, the device can be used between the disinfection intervals as a full air cleaner in H14-HEPA operation, which is a virus with a filter efficiency of 99.995%.

This DualDecon function is unique in the world and is only available exclusively in Ireland from CrossHire!



Technical data vertical heater TES 200

Heating power	18 kW (optionally also up to 27 kW)
Air flow	continuously up to 2,500 m ³ /h (without HEPA)
Blow-out temperature	adjustable up to max. 95 °C
Target room / surface temperature	adjustable up to 65 °C
Automatic control	integrated application programs for disinfection, HEPA air filtering, thermal pest control and space heating
Treatment cycle	adjustable from 30 to 300 min
Thermostat / sensor connection ①	4-pin DIN socket
Air filter pre-filter	G4 (optional F7)
Sound level fan level 1/2 (distance 1 m)	57/72 dB(A)
Power connection	CEE 32 A, 5-pin
Connection voltage	3 x 380 to 480 V, 50/60 Hz
Degree of protection	IP44
L x W x H	580 x 620 x 1,300 (1,200) mm
Weight	84 kg

Version with DualDecon blow-out tower

DualDecon blow-out tower.....slat characteristic 360° omnidirectional

Available accessories

Dual heat exhaust tower	for room air heating and thermal disinfection, reversible with hose connection \varnothing 300 mm
HEPA air filter	H14-HEPA Heat Resistant
External room thermostat	on request

TES 200 – can be optimally equipped for every application

Version TES 200 DD

TES 200 with DualDecon blow-out tower for thermal inactivation and disinfection. With optional H14-HEPA filter, it can also be used as a virus-effective professional air purifier.



Version TES 200 DH

TES 200 with dual heat exhaust tower, can be used variably for thermal pest control or large area heating and connection to existing air duct systems.

