

Air volume with H14 filter

Max. air volume Max. air volume in filter class (approx.)	Series: H14-HEPA filter: 2,200 m³/h H14 ≤ 1,200 m³/h H13 ≤ 1,800 m³/h E12 ≤ 2,200 m³/h
Max. air volume Max. air volume in filter class (approx.)	Optional: Ultra-HighFlow-H14-HEPA filter: 2,400 m³/h H14 ≤ 2,000 m³/h H13 ≤ 2,400 m³/h
Possible clean air zone (room sizes)	Depending on the circulation rate per hour requested by the hygiene concept (LW/h) as well as the filter performance efficiency required (H14 or H13) [see table on page 8]
Pre-filter	F7 (EN 779:2002) , ePM10 85 % (ISO 16890)
High-temperature particulate air filter	TROTEC HEPA-H14 Heat Resistant (EN 1822) (optionally also as Ultra-HighFlow filter) (fully encapsulated H14 metal lamellae high-temperature filter) Each filter is tested and certified individually
Filter change	Approx. 12–18 months (depending on the application and with regular thermal decontamination)
Filter change indication F7 filters	Usage-related, sensor-controlled filter change indication of the F7 filter
Filter change indication H14 filters	Usage-related, sensor-controlled filter change indication of the H14 filter
FlowMatic control	Constant clean air volume flow, constant circulation rates also with increasing filter contamination. Air volume freely adjustable.
Safety and filter hygiene: Thermal decontamination and reconditioning of the filter at approx. 100°C. 15 min. heating-up phase / 15 min. decon-phase (altogether 30 min.)	Time freely programmable , the thermal decontamination and filter regeneration process takes place fully automatically , usually in the night or outside business or teaching hours. Thermal decontamination and filter regeneration can be switched off temporarily or even constantly as required . Due to the short treatment duration (15 Min.) and the low energy input (altogether approx. 1.0 kWh per cycle), the room temperature does not increase by thermal decontamination.
Mains connection / Ø power consumption	0.14 kW (with an air volume of 1,000 m³/h) 2.5 kW (short-term peak load, only during thermal decontamination)



Connection plug	CEE 7/7, H07RN-F
Exemplary total energy consumption (with 1,000 m³/h air volume)	Without thermal decontamination Approx. 1.4 kWh with an operating time of 10 hours With thermal decontamination Approx. 2.4 kWh with an operating time of 10 hours and 1 regeneration cycle of 30 minutes
Dimensions (L x W x H)	690 x 610 x 1,300 mm (incl. wheels and handle)
Weight	89 kg (incl. filter)
Optional accessories	Sound protection hood, flow stop cover, hose adapter, manipulation protection

Sound level TAC V+							
With serial filter		Air volume in m³/h					
HEPA-H14 Heat Resistant (EN 1822)		600	800	1,000	1,200	1,400	1,800
Without sound protection hood (approx.)		41 dB	46 dB	49 dB	51 dB	55 dB	64 dB
With sound protection hood (approx.)		40 dB	44 dB	47 dB	50 dB	52 dB	60 dB
With an optional Ultra-HighFlow filter		Air volume in m³/h					
HEPA-H14 Heat Resistant (EN 1822)		600	800	1,000	1,200	1,400	1,800
Without sound protection hood (approx.)		39 dB	43 dB	47 dB	50 dB	53 dB	64 dB
With sound protection hood (approx.)		38 dB	41 dB	45 dB	48 dB	51 dB	60 dB

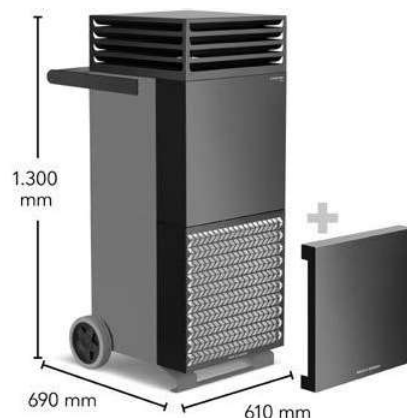
Dimensions (incl. wheels and handle) / optional sound protection hood

Optional flow-stop cover, e.g. for wall installation

Pre-filter: F7 pleated filter

Virus filter: Series: HEPA-H14 Heat Resistant

Optional: Ultra-HighFlow-HEPA-H14 Heat Resistant
For 66% more H14 air volume, 40% less energy consumption and up to 8% lower noise level



Optional hose adapter



Colour variants TAC V+

