

Rittal – The System.

Faster – better – everywhere.

► TopTherm fan-and-filter unit



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



Assembly without tools

- Straightforward assembly, exchange and maintenance with no need for tools of any kind
- Simple reversal of the air flow direction by turning the fan module
- Individual positioning of the power connection
- Spring clamp terminals for electrical connection without tools
- Louvred grille latch for fast filter mat replacement without tools

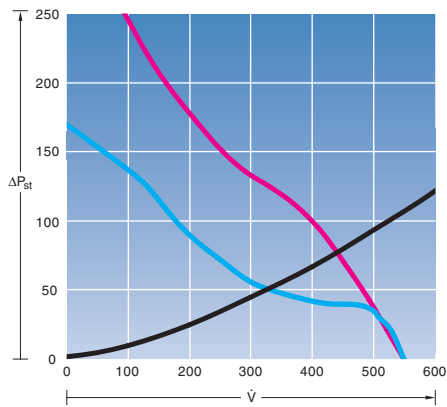


Efficient technology

- Air throughput from 20 to 700 m³/h
- New diagonal fan technology for greater pressure stability and constant air flows in use, even with a contaminated filter mat
- Minimum installation depth
- Flow-optimised air routing
- Extended service life of filter mats and thus longer maintenance intervals



Performance diagram



\dot{V} = Volumetric flow (m³/h)
 ΔP_{st} = Stat. pressure difference (Pa)
— = Resistance curve
Outlet filter SK 3243.200
— = old 50 Hz
Fan-and-filter unit SK 3326.xxx
— = new 50 Hz
Fan-and-filter unit SK 3243.xxx

Air routing

- Intelligent symbiosis of radial and axial fan technology
- Air flow spreads diagonally from the fan, promoting a more even air distribution in the enclosure

