



compactfiltertechnik

⇒ BREATHE THE NEW FANS

CFT Jet Fans and Smoke Extraction Fans
for Safety in Road, Metro and Railway
Tunnels



**Stainless steel blades available
reversible at standstill – for
maximum product lifetime!**

We can now support you with high-quality fans for permanent ventilation – based on the DLK technology!

1 Road Tunnel Ventilation with efficient CFT Tunnel Jet Fans

The ventilation of road tunnels is of great importance to prevent the accumulation of vehicle exhaust gases and to maintain the air quality in the tunnel. In view of the increase in electric vehicles, smoke extraction in the event of a fire is also becoming increasingly important.

In order to ensure relevant ventilation during tunnel operation as well as smoke-free escape routes in case of fire, we support you worldwide with our CFT Tunnel Jet Fans type SATM.

2 Metro & Rail Ventilation with CFT Smoke Extraction Fans

More and more people are moving to the economic metropolises of this world – passenger numbers and public freight services are increasing. Not only passenger traffic, but also transports, which are partly equipped with potentially flammable cargo, are increasingly taking place underground.

In metro and railway tunnels, CFT Smoke Extraction Fans of the SARM type not only provide the necessary safety in case of fire, but also ensure a sufficient supply of fresh air.

Ventilation system
up to 55 °C continuous
ambient temperature

Fire gas
up to 400°C/120 min

Sizes
from 630 to 2,500 mm



CFT Tunnel Jet Fans & CFT Smoke Extraction Fans –
Your Advantages at a Glance:

Our new SATM & SARM fan series reliably meet the highest technical demands in terms of safety, efficiency and durability.

Robust and durable fans due to high-quality construction:

- High breaking strength due to welded impellers made of stainless steel or steel
- Maximum flexibility by means of fully reversible impeller blades at standstill
- Durable corrosion protection (powder-coated | hot-dip galvanised | stainless steel up to V4A 14571)
- Customised product configurations with modular construction

Minimised operating costs due to innovative, CFD*-optimised design:

- Aerodynamic shape of the entire impeller for maximum efficiency
- High efficiency due to minimal gap dimensions
- Whisper operation as a result of high-performance silencers
- Maximum thrust

* CFD (Computational Fluid Dynamics)

Maximum safety creates worldwide application possibilities:

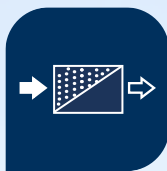
- Compliance with fire protection classes F300 and F400
- CE certification as per EN 12101-3



CFT – BREATHE THE DIFFERENCE

CFT has been supporting customers from the mining and tunnelling industries since 1999 with its wide-ranging expertise in the fields of dedusting, ventilation and the heating and cooling of air. As an innovative system supplier, we can offer you the full range of services from engineering and project planning through to on-site assembly and service. Coming from our own factory in Gladbeck, all CFT products meet the high “Made in Germany” quality criteria.

CFT is part of the CFH Group which is active throughout the world. The holding company brings together a range of subsidiaries and shareholdings under one roof with a common goal: the application of excellent engineering services to create innovative solutions for all aspects of ventilation at the workplace. Cross-sector application, underground, on the surface, across the globe.



Dedusting



Ventilation



Air cooling systems



Air heating systems



Methane Drainage
and Utilization



Ducts

For more information please visit our website www.cft-gmbh.de or give us a call. We would be pleased to answer your questions and explain to you personally the advantages of the CFT Tunnel Jet Fans & Smoke Extractions Fans in more detail.

We look forward to meeting you!



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MADE IN GERMANY