



- **Emissions include over 40 substances that are listed as hazardous air pollutants and 15 of them are listed as carcinogenic to humans.** Exhaust fume can either appear as a grey or black smoke, or be invisible. People can only see particles down to 20 microns.

**New-generation diesel engines produce 15 to 35 times more smaller particles than old-generation diesel engines.**

- **Health Effects**

Because of this, not only are the people who are in the same confined spaces as running engines exposed to the harmful emissions, but as a result of ineffective ventilation, people (such as office workers) working in adjacent spaces are also exposed to the dangers of the airborne particles.

We inhale airborne particles without even thinking about it. This is how the particles enter our respiratory system and fasten in our lungs. This can affect human health on both the short- and the long-term.

*Short-term affects:*

Decreases in lung function, increased coughing, laboured breathing, chest tightness, asthma, etc.

*Long-term affects:*

Chronic bronchitis, reductions in pulmonary functions and lung cancer.



**EHC L20**

For starts and temporary driving indoors for trucks, buses and heavy vehicles.



**EHC P15**

For starts and temporary driving indoors for cars.

## EHC FILTER for personel protection!

- The exhaust filter is mounted directly to the exhaust pipe of the vehicle.
- P15 and L20 are used to start and move the vehicles with low engine speeds.
- P15 and L20 reduce up to 99.92% of all particles that are formed when an engine is started.
- Reduces gases.
- Reduces odours and aromas.
- Reduces mutagenic, carcinogenic, and allergy-producing substances that are transported in the air on the particles. It is known that polyaromic hydrocarbons (PAH) and polycyclic organic matter (POM) stick hard to the particles in the exhaust gas and can only be removed by extensive work, as well as that the particles accumulate on the workshop equipment in the premises.
- Most workplaces have no problems with gas, except for a general problem with odour and soot that is effectively reduced with the EHC Filter system.
- The EHC Filter system provides its user 100% flexibility.
- It is activated immediatly when the engine starts.
- It is insensitive towards humidity and can be used in washing bays.
- Low usage costs.
- It can be used in vehicle factories, workshops, exhibition halls, tunnels, buildings, and on ships.



**EHC HT**

For permanent installation on forklifts, heavy vehicle and industrial plant.



**EHC PF**

Catalyst with particle filter for permanent installation.

**EHC Filter meets TÜV S-129.99.001.00, TRGS 554, COSHH regulation and VERT Filter List: B135 EHC HT, B272 EHC L20/EHC P15, B289 EHC PF.**



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