



Filter systems for agriculture



Filter systems for viticulture



Filter systems for fruit cultivation

SEKA



Safety in Crop Protection!

Filter Systems for Tractor Cabins



Contact

SEKA Umwelttechnik GmbH

Nordparkstraße 12

D-76829 Landau

Phone + 49 (0) 63 41- 93 41 0

Fax + 49 (0) 63 41- 93 41 33

info@seka.gmbh

www.seka.gmbh

- Standardized protective ventilation
- Retrofittable for every tractor
- Safety and comfort for drivers
- Certified SEKA Quality filters
- Economic efficiency and operating reliability



10/2019

www.seka.gmbh

www.seka.gmbh



Clean Breathing Air in the Driver's Cabin – SEKA Protective Ventilation Systems

Standardized SEKA Protective Ventilation for Every Tractor

Work safety for your health

The handling of crop protection agents is always a question of the dosage. What is good and important for crop growth can result in disadvantages to the well-being of the user.

When applying certain crop protection agents labeled as dangerous substances, wearing protective equipment is mandatory. What's more practical and, most of all, comfortable is a tractor with the appropriate pressurized cabin and protective ventilation system.

SEKA Environmental Technology develops protective ventilation systems for the driver's cabins of agricultural tractors and self-propelled crop protection equipment.

Everything from a single source

SEKA's own experts provide the professional assembly and sealing of cabins on-site, as well as the service and maintenance of your protective ventilation system.

Simple retrofitting for perfect protection

A SEKA protective ventilation system can generally be retrofitted to every hauler or tractor.

In the legally prescribed **standard DIN EN 15695**, the protection of the driver from hazardous substances takes priority. Driver's cabins are divided into four categories:

- Category 1:** Cabins that offer no protection from dust and crop protection agents
- Category 2:** Cabins that only protect against dust
- Category 3:** Cabins that protect against dust and liquid crop protection agents
- Category 4:** Cabins that protect against dust, liquid crop protection agents, and their vapors

A SEKA protective ventilation system ensures the **health of the driver** by providing the driver's cabin with unobjectively clean and healthy breathing air. The modularly constructed system is mounted to the vehicle from outside and transforms practically every existing driver's cabin into a **pressurized cabin of Category 4**. The mounting of the protective ventilation system to a pulled field sprayer is also possible.

Filters against Gases, Vapors, and Aerosols

A protective ventilation system is only as good as the filters used.

The European **standard DIN EN 15695** is comprised of two parts that must be satisfied:

- Standard Part 1** defines the **cabin class**
- Standard Part 2** determines the **filter properties**

Without a tested filter, the cabins of Category 3 or Category 4 are not compliant with Norm EN 15695 and thus may not be used on their own. **The standard is considered fulfilled if both parts 1 and 2 are satisfied.**

With the retrofitting of a **SEKA protective ventilation system and SEKA Quality filters** that are regularly tested by independent institutes, you are on the safe side and satisfy the statutory provisions.