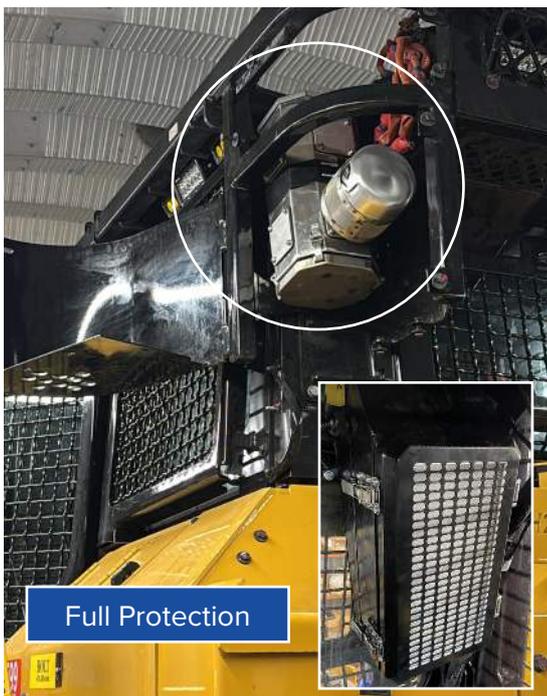


Protecting Firefighters & Equipment from Smoke and Toxic Air

What is BreatheSafe?

BreatheSafe specializes in air filtration and pressurization systems across all industries, providing solutions for mining, construction, agriculture, and emergency services including firefighting. From scoping your machine to design and installation of a purpose-built solution and after-sales service, BreatheSafe delivers support worldwide.



Key Features of the BreatheSafe System:

- **High-Temperature Resistance:** Engineered to operate in extreme heat—ideal for wildfire conditions.
- **Advanced Filtration:** Multi-stage filtration removes smoke, ash, and toxic gases.
- **Positive Pressurization:** Maintains clean, pressurized air inside the cab or compartment, keeping contaminants out.
- **Easy Installation:** Compatible with most fire engines, trucks, and heavy equipment.
- **Low Maintenance:** Designed for reliability with simple, quick filter changes.

Why Choose BreatheSafe?

- **Protects Your Health:** Reduces exposure to harmful smoke and chemicals.
- **Improves Safety:** Keeps air breathable and visibility clear so you can focus on the job.
- **Trusted by Professionals:** Used by fire departments and emergency services worldwide.
- **For Vehicles and Equipment in Hazardous Environments:** Including firefighting vehicles, emergency responder carriers, and heavy equipment.

Clean, Safe, Ember-Free Air When It Matters Most

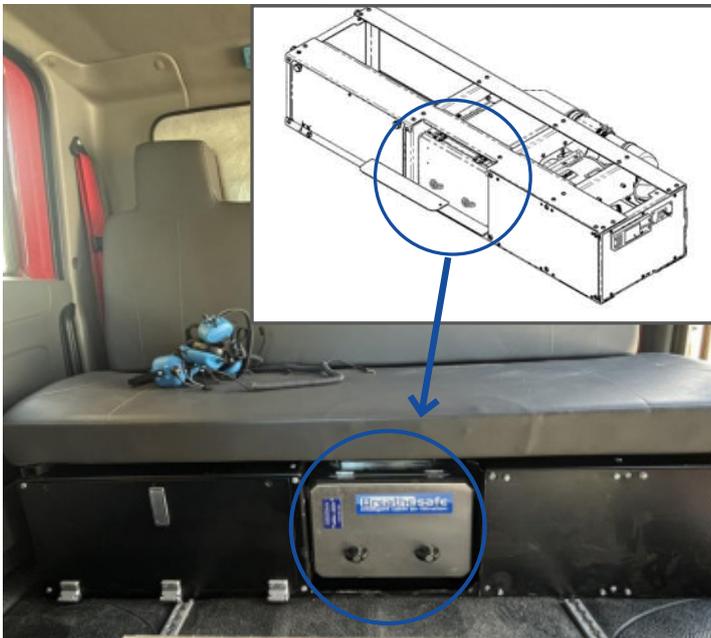
BreatheSafe offer a high-performance cabin pressurization and filtration system engineered for extreme, smoke-filled, and high-temperature environments. Designed to safeguard operators in wildfire response and heavy-duty applications, the high temperature pressurizer delivers clean, pressurized air to enclosed cabins, even in the harshest conditions.

CAT D5 Dozer Example

Problem: The OEM air system couldn't protect operators from high particulate loads, smoke, and toxic gases during wildfire operations.

Solution

BreatheSafe replaced the fresh air and recirculated air filters with a custom HEPA and activated carbon filtration assembly and a high-temperature pressurizer, ensuring all air is purified before reaching the operator.



Fire Engine Example

Challenge: Frequent door openings and lower grade filtration exposed wildfire crews to hazardous smoke.

Solution: A custom under-bench system continuously filters incoming and recirculated air through HEPA and carbon filters, with a high-temperature pressurizer and structural frame under the seat.

The Results

Operators breathe clean, cooled, HEPA and carbon filtered air, with heavily reduced smoke and particulate levels inside the vehicle. Fully retrofittable with predictive alerts for system maintenance.
