

S.A.F.E.air® Cabinet Protection

For CAT 793F and 789D Autonomous Trucks
(HEPA Level Filtration and Pressurisation)

Keep dust out of the electronics cabinet!



Greater return
on investment



Safer working
environment



Future proofing
your mine site



Lower maintenance costs
Increased vehicle availability



FREUDENBERG
FILTRATION TECHNOLOGIES



We deliver a SAFER mine site

The Problem

The factory system pulls air through the cabinet, it is drawn down into a negative pressure causing dust and contaminants to enter through the low efficiency filter and any cabinet opening. This creates dust ingress into the electrical cabinet which controls the autonomous vehicle.

The Solution

The **S.A.F.E.air** cabinet pressurisation plug and play filtration system, pushes pressurised clean HEPA filtered air at a high flow through the cabinet and out the original filter opening, maintaining a constant cooling airflow through the cabinet.

The **S.A.F.E.air** system uses a proven high efficient particle separation filter before passing through a second stage precleaning filter and finally through the high flow HEPA filters. The two precleaning elements protect the HEPA filters from heavy dust exposure and ensures longer HEPA filter life.

The Result

The electrical cabinet is kept dust and contaminate free, reducing heat build up of the modules, ensuring components have longer life, maintaining vehicle availability and reducing maintenance costs.

