

## Case Study

---

Our Company was approached to design and install an exhaust extraction system for an Airport Fire Station.

Three bays were to house fire tenders and our quick release system was chosen to provide protection from exhaust fumes when on standby and driving out of the bays.

Hoods are magnetically connected to the exhaust tail pipe and transport fumes away to be vented externally above the roof. Our bespoke trolley system means whilst the tender moves forward the extraction system moves with it until it reaches a whisker switch that demagnetizes the hood. Thus the vehicles proceed without the extraction connected to the call out and ensures a quick and seamless disconnection.



Even though engine standards become ever more stringent, extraction systems are still required to remove harmful exhaust fumes and protect persons in an enclosed space.