



Blowers

A blower is designed to act like an extraction fan, drawing out fumes so that fresh air is drawn in, displacing fumes and odours from galleys and toilet compartments and fuel vapours from engine compartments. In either case, make sure that the space to be ventilated can breathe, or the blower will be ineffective.

An engine compartment should be designed to be able to supply the engine with enough air naturally without the need of an electric blower. Blowers fitted in the engine room tend to be used as an extractor fan to clear the fumes prior to the engine being started - this is particularly important when you have petrol engines.

There are 3 different types of blowers:

Flexmount Blowers

These are a radial design which gives the highest output and makes them ideal for installations where long runs of ducting are required. As they have large motors they are well suited for commercial applications where they will be used heavily. The blower ends are designed to accept the hose directly and the blower is mounted via a bracket which means you are then able to mount to a convenient surface.



Flangemount Blowers

Offer the same radial design benefits as the Flexmount blowers. They provide high output which is ideal for long lengths on ducting and large motors. The blower mounts via a flange on the discharge port directly onto a bulkhead, to give you a very neat installation.



Inline Blowers

These are mounted directly into the air conduit, making installation very simple. The inline blowers use smaller motors inside the blowers but with new motor technologies, some of the inline blowers available today are well suited to the commercial applications.

