

Draught Proofing

Automotive Industry Energy Efficiency Project

You may be doing all the right things when it comes to efficiently heating and cooling your workshop, offices and showrooms, but if you have draughts entering through doors and windows, all your efforts are going to waste and your money will be too.

Draughts can increase your heating and cooling costs by up to 25% by allowing cold air into your workshop during winter and hot air during summer. Therefore, it is important to make sure that you draught proof all doors and windows in workshop, office and showroom areas.

Identifying draughts

To identify where there are draughts in your workshop, office and showroom areas, feel for moving air around doors and windows. It is recommended that you look for obvious gaps and listen for whistling and rattles, especially when it is very windy outside.

Another way draughts can enter workshop, office and showroom areas is through fans and vents.

This is a less obvious draught and one that is often not identified.

Draught proofing

Once you have identified where draughts are in workshop, office and showroom areas it is important to take some simple steps to minimise the amount of cold or hot air entering these areas. You should firstly try to seal the gaps and cracks by blocking or filling them.

DraftStoppa

An effective way to stop draughts from entering fans and vents is to install a DraftStoppa. A DraftStoppa is an inexpensive way to prevent cold or hot air entering from the roof cavity; with savings of up to 30% in electricity costs.

They are a self-seal cover that contains a set of balanced shutters which open when the fan is turned on and close under their own weight when the fan is turned off.



DraftStoppas are now available throughout Australia and for more information visit

www.draftstoppa.com.au

Draught proofing strips

Draught proofing strips are best used for windows and gaps around the edges of doors.

Draught proofing strips can be purchased from most hardware stores and are fairly easy to apply to windows and doors. The self-adhesive strips are available in foam, metal, and plastic materials.

It is important that when applying the draught proofing strips, you use the right size to fill in the gaps. Strips that are too big may make it difficult to close the window or door, and too small of a strip will mean a gap is still there.

Door strip with rubber or brushes

Gaps at the bottom of doors can also be draught proofed using a plastic strip with a brush.

Application is as easy as removing the tape from the adhesive and applying the strip to the bottom of the door.

