

The “Original” DraftStoppa



DraftStoppa

Self-Seal Casing for Ceiling Exhaust Fans

- The 'DraftStoppa' prevents hot or cold air entering from the roof cavity.
- The 'DraftStoppa' prevents polluted air or cooking smells from entering into other parts of the home or workplace
- The 'DraftStoppa' exceeds the Sustainable Energy Authority Victoria 'First Rate' energy rating performance level requirements for a totally self sealing exhaust fan.
- The 'DraftStoppa' is economically priced and adapts to most major ceiling exhaust fans.
- The 'DraftStoppa' is simple to install and opens and closes effortlessly without loading-up your ceiling exhaust fan motor.
- The 'DraftStoppa' fits most standard type ceiling exhaust fans.
- The 'DraftStoppa' is fully recyclable.

Testing by Complex Air Conditioning Pty Ltd, and reviewed by the Victorian Sustainable Energy Authority, indicates that in areas where ceiling exhaust fans are in use this can give an **energy saving of up to 30%**

Test results concluded that in Winter conditions with an outside temperature of 1°C and an average internal room (10m x 4m x 2.7m—volume 108m³ and an ambient internal temperature of 15.5°C), the cold air inflow from the roof cavity through an unsealed fan into the room was measured at 13 litres / second.

This means that in every hour 46.8m³ of cold air would have entered the room and the total volume of warm air would be replaced every 2 hours and 20 minutes at a huge reheating cost.



The DraftStoppa® contains a patented mechanism incorporating a pair of balanced flaps which open when the fan is on and close under their own weight when it is off, thus keeping out external air, vermin, dust and odours while reducing energy costs.

Standard Installation

1. Place one unassembled half body on a flat surface. (*Figure 1*)
2. Slide the other unassembled half body into the corresponding side slots until they click into place. Ensure that the two central ridge locking pins are clicked together. (*Figure 2*)
3. Fit the two lids by inserting one lid pin into the corresponding closed hole on the body and then pushing the other pin through the corresponding slot to lock. It should now pivot freely.
4. Repeat for the other half.
5. Take the assembled unit into the ceiling space and place it over the top of the ceiling exhaust fan. (*Figure 3*)
6. Place fan power lead in cut-out hole.
7. Test operate the fan and ensure that the flaps operate smoothly.



Figure 1



Figure 2

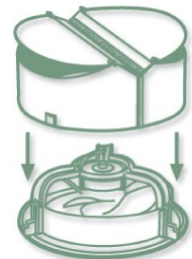


Figure 3

The design is brilliant. Two moving parts, easy to manufacture and install, very simple, light, and above all effective. This is perhaps the best design that I have seen in a year. Quite lovely. Steve L