

Ecofan Frequently Asked Questions

How does the Ecofan work?

The Ecofan generates its own electricity through the difference in temperature. The base must make contact with a heat source of at least 150°F and the top of the fan must remain cool. The Ecofan needs to draw cooler air from behind in order to operate. The actual rotation of the blade as well as the cooler air and the heat source are the essential elements needed for the Ecofan to operate. Click here for more [Technical Information](#)

Where should I place my Ecofan?

Be sure to position the Ecofan on a smooth flat surface on your stovetop near the side or back of the stove where cooler air can be drawn from behind and over the cooling fins. Do not place your Ecofan in the center of the stove or in front of the stovepipe or at the front of the stove.

What temperature does the surface need to reach in order to operate?

The Ecofan will start to rotate once the base of the fan has reached a temperature of 150°F.

What is the recommended surface temperature of the stove?

The optimal running temperature of the Ecofan is the same as the recommended safe operating temperatures of wood stoves between 450°F and 650°F. Remove your Ecofan if your stovetop temperature exceeds 650°F.

What will void my warranty?

Caframo will warranty any product bought through a recognized retailer. Products bought through individuals or on-line auctions have no warranty. The warranty does not cover abnormal wear or damages resulting from accident, misuse, abuse or, if applicable, breakage (when such breakage is not due to a manufacturing defect) and any other incidental or consequential damages.

Simply put -If you overheat your fan or drop your fan your warranty will be voided.

How do I know if my stove is too hot?

We recommend the use of a stovetop thermometer to ensure good wood stove safety. If you do not have a stovetop thermometer the heat sensitive spring on the base of the fan will gently tilt the fan as your stove's temperature increases. No tilt or a small tilt (the gap between the front of the Ecofan base and stove) of up to 2mm or 1/16" is good. A large tilt over 5mm or 3/16" means your stove is too hot and you should remove your Ecofan until your stove has cooled down.

Can I use the Ecofan on a fireplace?

Unfortunately no, the Ecofan generates its own electricity through temperature differential. The base must make contact with a heat source of at least 150°F and the top of the fan must remain cooler. The Ecofan needs to draw cooler air from behind in order to operate.

Can I use the Ecofan on a fireplace insert?

Yes, but placement is key. Again the fan needs to draw cooler air from behind to operate and the surface on which the Ecofan is placed should never exceed 650°F.

How should I store my Ecofan during the off-season?

Once the Ecofan is placed properly on your woodstove there is no need to move it. We recommend leaving it in its position on top of the stove year round. If you want to remove it for any reason, please take care to store it in a location where it cannot be knocked over or dropped.

What is the warranty on the Ecofan?

Both models of our Ecofan carry a one-year warranty.