CALFIRE

Ecofans®
season 2015/2016

Calfire are the official UK Distributor for the Caframo Ecofan®

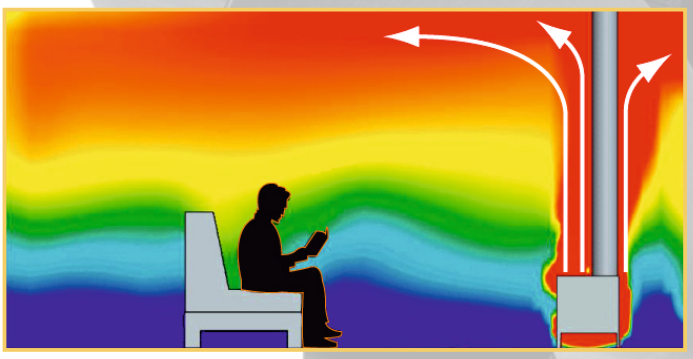
Ecofans®

The Caframo Ecofan® is a heat-powered fan designed to circulate the warm air created by a wood or gas stove. Improved warm air circulation results in greater comfort and less fuel consumption.

Why buy a Stove Fan?

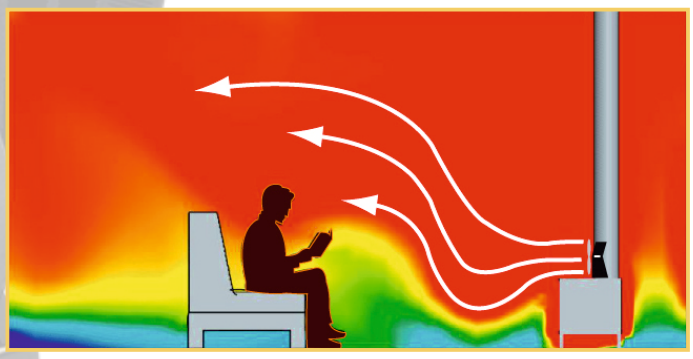
* **Costs nothing to run…** Using the heat from the stove, a Stove Fan is the most economical way to effectively circulate the warm air your stove produces. No cables, plugs or batteries are required.
* **Cuts your fuel bills...**
* **Increased Efficiency...** warm air is pushed out into the living area rather than just rising to the ceiling above the stove. This improves the heating effectiveness of the stove and results in greater room comfort as shown below.

** Heat distribution without an Ecofan®*



** Simulation*

** Heat distribution with an Ecofan®*



** Simulation*

Reasons to buy a Genuine Caframo Ecofan®

* Caframo have two decades of experience perfecting the Ecofan®. **This means lower failures and higher customer satisfaction**.
* Ecofans® are made in Canada, last longer and utilise a superior design that operates more efficiently and effectively than 3, 4 or 5 blade models.*
* More Ecofans® have been sold than all other stove top fans combined.
* Test results using AMCA testing standards prove that most air flow claims made by other stove top fan manufacturers are exaggerated, some by as much as 45%.*
* **Fully CE compliant for Immunity Emissions and Product Safety**…. None of the Chinese copy stove fans meet all of these approvals despite what is printed on the boxes or their importers claims.*
* **All Ecofans are sold with the reassurance of a 2 year warranty.**

*** For current information see 'Compare Stove Fans' graphs online at www.ecofan.co.uk/compare-stove-fans or scan the QR code on the right with your smart-phone or tablet.**

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Which Ecofan® do you need?

If you have a wood-stove the 812 AirMax will provide the highest air flow and start working at the lowest temperature so this is the ultimate option. Alternatively the 810 UltrAir will provide slightly less air movement and start working at a slightly higher temperature but still provide excellent results. For minimal outlay opt for the basic 800 Original which will provide reduced performance but still out-perform all Chinese copy stove fans. All Ecofans are sold with the reassurance of a 2 year warranty.

The 806 BelAir is designed for use on the lower stove-top operating temperatures found on many gas, pellet or contemporary stoves and will outperform other Ecofans within its operating range.

Out Performs - Out Lasts - Out Sells

PROVEN TESTING

WOOD STOVES	Operating Temperature	CFM* (up to)	Fuel Saving (up to)	Feel Heat Faster**	Warranty Period
800 Original Ecofan Dimensions: Base plate 100x75mm (4x3) Height 235mm (9.25) from base to top of blade, excluding handle. Blade diameter 206mm (8)	110 - 345°C	100	12%	20%	2 Years
810 UltrAir Ecofan Dimensions: Base plate 121x76mm (4.75x3) Height 222mm (8.75) from base to top of casting, excluding handle. Blade diameter 206mm (8)	100 - 345°C	125	14%	31%	2 Years
812 AirMax Ecofan Dimensions: Base plate 121x82mm (4.75x3.25) Height 248mm (9.75) from base to top of casting, excluding handle. Blade diameter 232mm (9)	85 - 345°C	175	18%	38%	2 Years
SPECIALITY STOVES Low temperature for many gas, pellet or contemporary stoves	Operating Temperature	CFM* (up to)	Fuel Saving (up to)	Feel Heat Faster**	Warranty Period
806 BelAir Ecofan Dimensions: Base plate 162x61mm (6.4x2.4) Height 241mm (9.5) from base to top of casting, excluding handle. Blade diameter 232mm (9)	75 - 200°C	140	The 806 BelAir Ecofan outperforms the 800, 810 and 812 Ecofans in its operating temperature of 75 - 200°C. Fuel saving and feel the heat results vary depending on type/features of the speciality stove.		2 Years

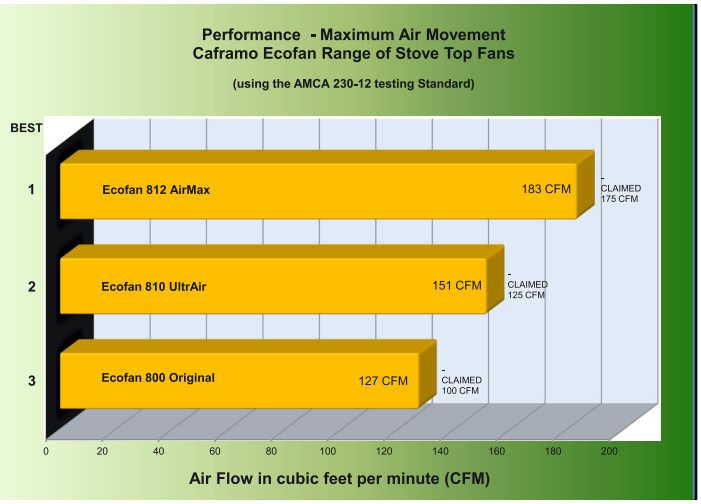
*CFM cubic feet per minute of air moved

** Time taken to reach 20°C from a cold start of 17°C in a standard test environment.
Original: 87 minutes UltrAir: 76 minutes AirMax: 68 minutes No fan: 110 minutes

All Ecofans produce a useful 50 CFM at minimum operating temperature

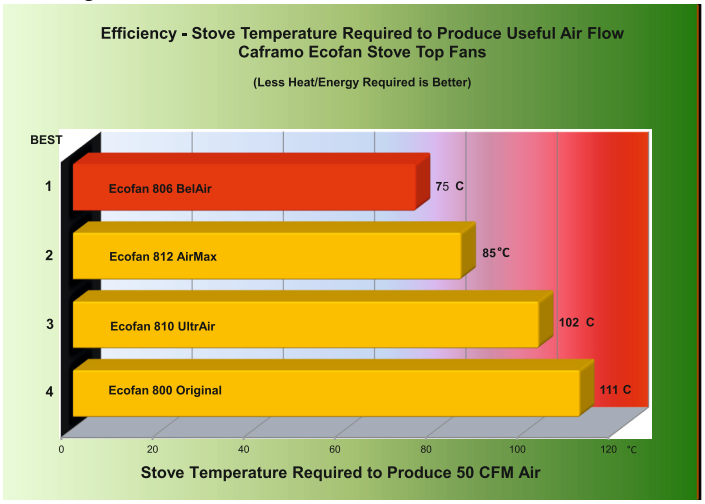
Performance

The Performance Graph shows the different capabilities of the Ecofan® woodstove range. The 812 AirMax moves significantly more air than the 810 UltrAir while this unit moves significantly more than the basic 800 Original.



Efficiency

This graph shows the 806 BelAir to give the best performance at low temperatures while, of the woodstove fans, the best option is the 812 AirMax followed by the 810 UltrAir and then the basic 800 Original.



For current information see 'Compare Stove Fans' graphs online at **www.ecofan.co.uk/compare-stove-fans**

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Ecofans®

How to get the most from your Ecofan®

Placement of your Ecofan® on your stove top is critical. Be sure to position the Ecofan® on the stove so that cool air will be drawn over the 'cooling fins'. The Ecofan® should not be used directly in front of the stovepipe or at the front of the stove. Place the Ecofan® at the back edge of the stove as shown in the diagram. Should the gap between the rear of your stove and your wall be less than 150mm (6") then move your Ecofan® forward, along the side of your stove and turn it in slightly. This should ensure your fan can draw the necessary cooler air from the rear/side of your stove.

For product details including technical, warranty and refurbishing service, visit our product specific website at www.ecofan.co.uk or scan the QR code on the right with your smart-phone or tablet.

See page 76 for available spare parts.

Ecofans are assembled in CANADA with domestic and imported parts

Ecofans fully comply with all CE Immunity Emissions and Product Safety requirements.

It is important to read and follow the instructions on the correct placement of the Ecofan® to ensure satisfactory long term use and that your stove is working within the temperature range of 'best operation'. We recommend the use of our Stovetop Thermometer 14077; see page 85 for details.

AirMax 812 Wood-Stove Ecofan®

The Caframo AirMax Ecofan® 812 is a heat-powered fan designed to circulate the warm air created by a wood-stove operating with normal surface temperatures of between 85°C and 345°C. The AirMax Ecofan® 812 generates up to 175 Cubic Feet (of Air) per Minute. (At 85°C the AirMax Ecofan® 812 will move 50 CFM)

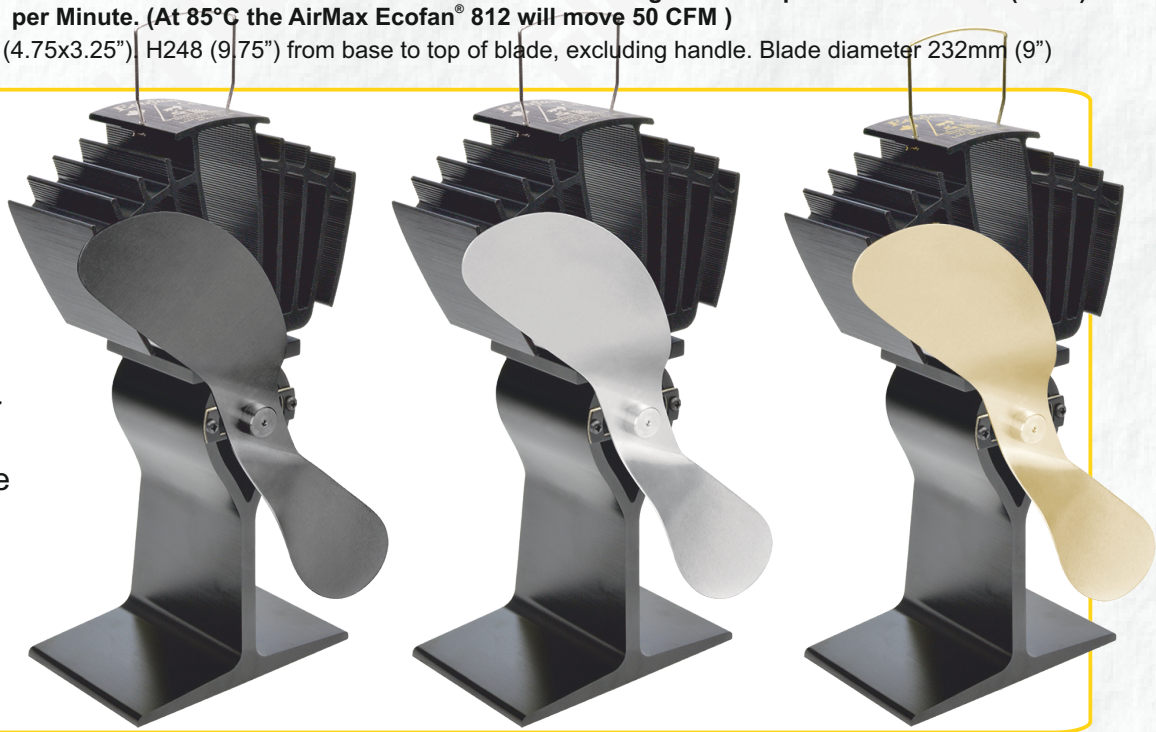
Dims: Base Plate W121 D82 (4.75x3.25") H248 (9.75") from base to top of blade, excluding handle. Blade diameter 232mm (9")

AIRMAX Ecofan®

The AirMax 812 replaced the AirPlus Ecofan® in 2011.

Which unit do you need? See page 73 for confirmation that the 812 AirMax provides the best Performance and is the most Efficient wood-stove Ecofan®.

Sold with a 2 year Warranty



AirMax 812 Ecofan®
E812BB
All Black

AirMax 812 Ecofan®
E812BN
Black & Nickel

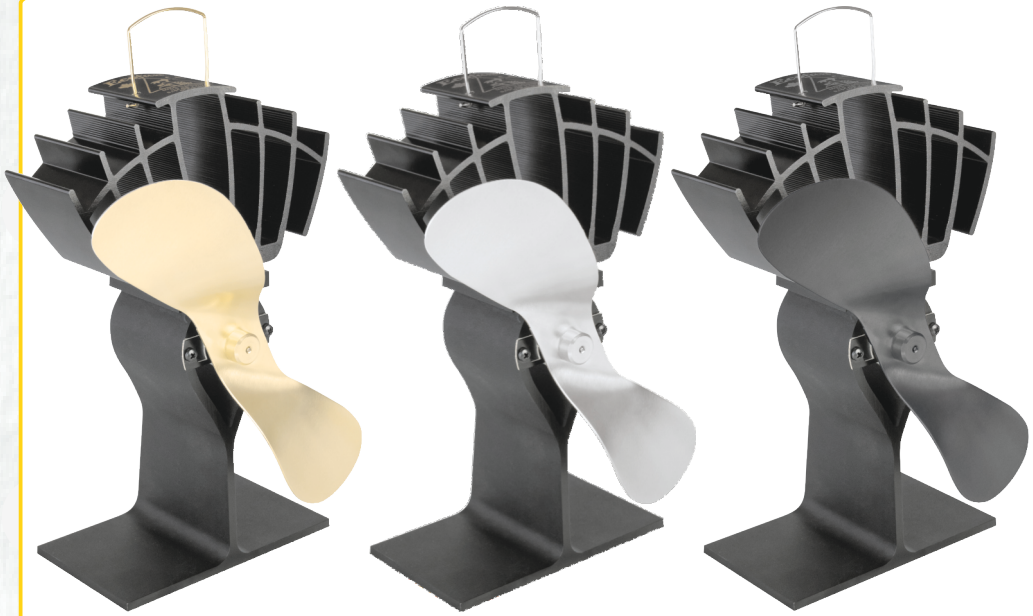
AirMax 812 Ecofan®
E812BG
Black & Gold

Calfire are the official UK Distributor for the Caframo Ecofan®

UltrAir 810 Wood-Stove Ecofan®

The Caframo UltrAir Ecofan® 810 is a heat-powered fan designed to circulate the warm air created by a wood-stove operating with surface temperatures of between 100°C and 345°C. The Ultrair 810 Ecofan® generates up to 125 Cubic Feet (of Air) per Minute. (At 100°C the UltrAir Ecofan® 810 will move 50 CFM)

Dims: Base Plate W121 D76 (4.75x3"). H222 (8.75") from base to top of casting, excluding handle. Blade diameter 206mm (8")



Ecofan ULTRAIR®

The UltrAir 810 replaced the Original 800 Ecofan® in 2012.

Which unit do you need? See page 73 for a list of benefits of the more Effective and Efficient 812 AirMax Ecofan®.

Sold with a 2 year Warranty

UltrAir 810 Ecofan®
E810BG
Black & Gold

UltrAir 810 Ecofan®
E810BN
Black & Nickel

UltrAir 810 Ecofan®
E810BB
All Black

It is important to read and follow the instructions on the correct placement of the Ecofan® to ensure satisfactory long term use and that your stove is working within the temperature range of 'best operation'. We recommend the use of our Stovetop Thermometer 14077; see page 85 for details.

Original 800 Wood-Stove Ecofan®

The Caframo Original Ecofan® 800 is a heat-powered fan designed to circulate the warm air created by a wood-stove operating with normal surface temperatures of between 110°C and 345°C. The Original Ecofan® 800 generates up to 100 Cubic Feet (of Air) per Minute. (At 110°C the Original Ecofan® 800 will move 50 CFM)

Dims: Base Plate W100 D75 (4x3"). H235 (9.25") from base to top of blade, excluding handle. Blade diameter 205mm (8")

Ecofan ORIGINAL®

The Original 800 was replaced by the UltrAir 810 Ecofan® in 2012. It was then re-introduced into the range in 2014 as an entry level unit to compete against Chinese copies of this design.

The Original 800 Ecofan® outperforms all of these Chinese copy stove fans (see page 72 for a link to the UK Ecofan® website that compares stove fan performance).

Which unit do you need? See page 73 for a list of benefits of the more Effective and Efficient 812 AirMax and 810 UltrAir Ecofan® designs.

Sold with a 2 year Warranty

Original 800 Ecofan®
E800BB
All Black

BelAir 806 Low Temperature Stove Ecofan®

The Caframo BelAir Ecofan® 806 is a heat-powered fan designed to circulate the warm air created by many low temperature gas, pellet or contemporary stoves operating with normal surface temperatures of between 75°C and 200°C. The BelAir Ecofan® generates up to 140 Cubic Feet (of Air) per Minute. (At 75°C it will move 50 CFM). The BelAir Ecofan® must not be used on a wood-stove or where the surface temperature exceeds 200°C .

Dims: Base Plate W162 D61 (6.4x2.4"). H241 (9.5") from base to top of blade. Blade diameter 232mm (9")

BelAir Ecofan®

The BelAir 806 replaced the 806GS Ecofan® in 2013.

The BelAir outperforms all other Ecofans® in its operating range of 75 - 200°C but should never be used on a wood-stove.

Sold with a *2 year Warranty*

BelAir 806 Ecofan®
E806BG
Black & Gold

BelAir 806 Ecofan®
E806BN
Black & Nickel

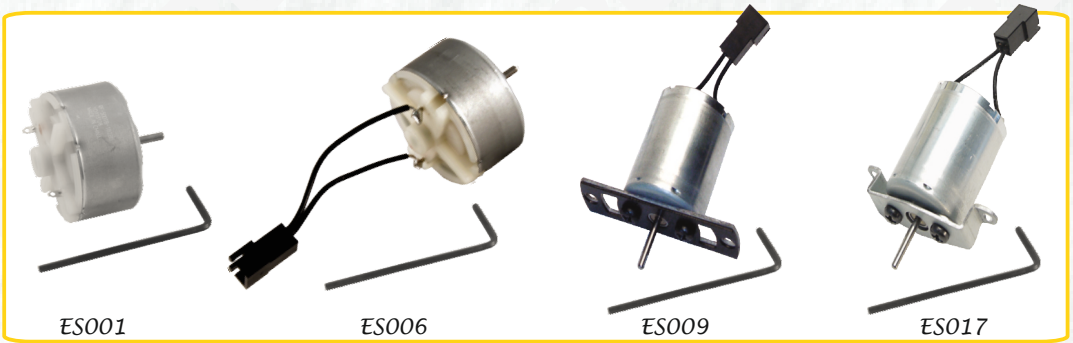
BelAir 806 Ecofan®
E806BB
All Black

Spare Parts for Ecofans®

Replacement Motor Kits are available for the Ecofans® as detailed below. Unfortunately we are unable to offer for sale thermo-electric modules as their replacement is a controlled process involving strict torque settings. If you believe the module has failed you are welcome to send your Ecofan® to CALFIRE who will quote you accordingly. Please note that we will only sell Ecofan® spare parts for use on original Ecofans®; not for any other purpose.

Motor Replacement Kits

After much usage an Ecofan® motor can wear out. Motor Replacement Kits are available for customers who wish to install a new motor rather than sending the old unit back to CALFIRE for repair, or purchasing a new Ecofan®. The replacement task is straight forward; however on some older models the consumer must have the capability to solder the new motor to the existing wires. The replacement kit comprises a new motor, an Allen/hex key to remove the blade and full instructions.



*** To see how easy it is to change the motor on the 810 or 812 Ecofans® view the video online at www.ecofan.co.uk/812 or scan the QR code below with your smart-phone or tablet.**

ES001 800 Original, 802 AirPlus or 806GS (Soldering Type)
ES006 800 Original, 802 AirPlus or 806GS (Push-On Type)
ES009 810 UltrAir, 812 AirMax (Push-On Type Only)
ES017 806 BelAir (2014 Model - Push-On Type Only)