

Guide lines for integrating and handling Fergas products

Responsibility

The ultimate responsibility for product selection and suitability for use rests with the customer.

Handling

Fergas cross flow blowers must be handled with great care during assembly. Touching any rotating part, especially the blower wheel must be avoided. Any abnormal force will cause damage. Damage or distortion of the terminals will be considered as injudicious force and rejection or credit for such damage will not be accepted.

Speed control

Fergas cross flow blowers with AC shaded pole motors are intended for pure sine wave power supply. It is strongly recommended to avoid solid state speed controls such as triacs. These devices may cause undesirable sound levels, increased motor temperatures and consequent shorter operational life. Fergas offers brushless DC motors as well as EC motors that offer different speed control options

Integration

Fergas cross flow blowers are designed for horizontal applications. Blowers can be specified for vertical use by special design. If Fergas blowers are located directly onto large appliance panels it is preferable to fix a shock absorbing non-magnetic material between contact faces.

Heating element

The thermostat on a Fergas cross flow blower equipped with an electric heating element must never be touched as this will affect the thermostatic properties of the component. Please note that the standard elements are made for horizontal use. Special elements for vertical use can be designed on request.

Life time

Fergas cross flow blowers have a minimum life expectancy of 20,000 hours for the AC version and 30,000 hours for the EC version in an environment with an ambient temperature range from 0 to +60 deg C (32-140 F). Special higher temperature versions can be designed on request.

Environment

The degree of protection against corrosion on Fergas products is satisfactory for normal environments. Sections of the housings are exposed and susceptible to corrosion. It is advisable not to store or use Fergas products in corrosive environments unless formally approved by Fergas.

Warranty

Under circumstances that the above has been taken into consideration, Fergas cross flow blowers and AirBlasters has a standard warranty period of 1 year from date of manufacture, unless otherwise has been agreed by Fergas in writing.