



AGRI-DRIVE HV LIGHT BAFFLE

Installation & Maintenance

AGRI-DRIVE HV LIGHT BAFFLE

Installation Instructions

Installation and Maintenance Instructions.

THESE INSTRUCTIONS MUST BE READ FULLY BEFORE COMMENCING INSTALLATION.

Owner / installer: The life of this apparatus and its efficiency will be increased if its use and maintenance is carried out in accordance with these instructions and current statutory requirements. The installation and initial adjustments should be carried out by a qualified and competent technician, ensuring the correct PPE is used at all times. Elta should be consulted before substituting or fitting parts from another manufacturer. It is the responsibility of the installer to verify that the installation is in accordance with all current statutory requirements and the owner is given the current User's Manual.

Any modifications to the fan or its installation, even the smallest modification, change or elimination of security components or pieces that influence the efficiency or loss of ventilation, will result in the CE Certification and Elta's warranty being cancelled.

Please note the following indicators used within this document:

WARNING: Hazards associated with electric current and high voltages.

IMPORTANT: Important information.

Elta's policy is one of continual improvement and the right to change a specification at any time without notice is reserved. Whilst every care has been taken to ensure that the contents of this document are correct at time of publication, Elta shall be under no liability whatsoever in respect of such contents.

Elta cannot guarantee the operation of any equipment unless all documented instructions are complied with, without variation.

1. General

- 1.1 It is important these Installation and Maintenance Instructions are fully adhered to.
- 1.2 These instructions cover only the Elta product.
- 1.3 The Baffles are designed to fit onto the fan cases.
- 1.4 Baffles are specifically sized to fit the range of Agri-Drive HV fans.
- 1.5 Baffles are constructed of galvanised or Aluzinc steel cases with black polypropylene corrugated vanes.
- 1.6 Baffles can be fitted to both internal and external faces of the fan, depending on the situation, and can reduce light ingress from 150,000 lux to 0.1-0.15 lux.
- 1.7 This product is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person. Young children should be supervised to ensure that they do not play with the cover.

WARNING: The fan must be isolated from the power supply during installation and maintenance. The fan must be earthed in accordance with the local regulations.

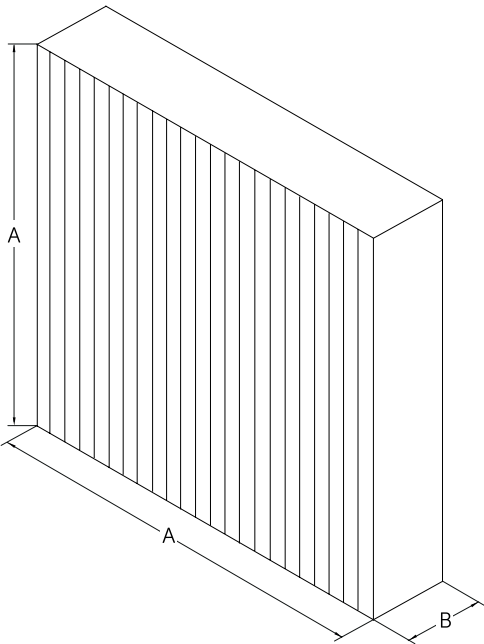
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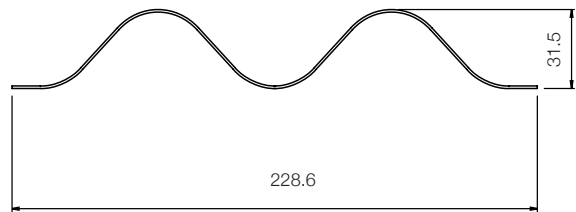
2. Dimensions

Product Code	A	B
HV800	960	250
HV1000	1150	250
HV1250 (1.1 kW)	1380	250
HV1250 H (1.5 kW)	1380	250
HV1500	1495	250
HV2000	1930	250

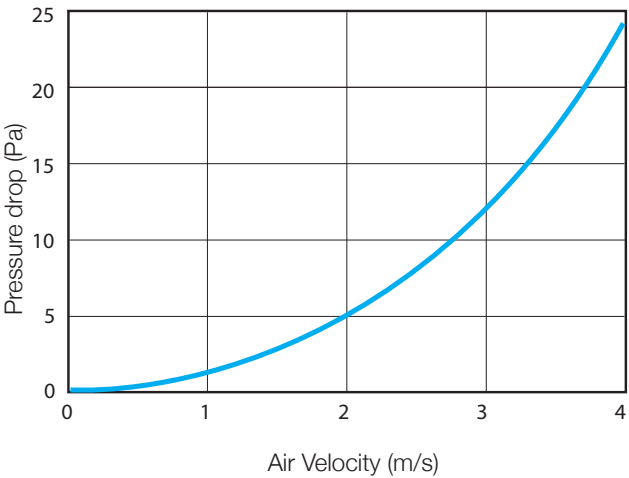
Dimensions in mm.



Light Baffle Cross Section



Pressure Drop



3. Installation

- 3.1 Ensure that the fan is switched off and isolated from the supply.
- 3.2 Particular attention should be paid if the fan system involved automatic controls.
- 3.3 The Baffle has the same external dimensions as the case of the HV fan.
- 3.4 Across the top is a “hanger” and a “hook” must be fixed to the top edge of fan, either on the internal or the external surface, depending on whether the Baffle is to be fitted internally or externally.
- 3.5 The “hook” along with the necessary fixing rivets is supplied with the baffle.
- 3.6 The Baffle should now be hung on the “hanger”. It is retained by two over- centre clips, one on each side.
- 3.7 Two retainers are supplied with the Baffle, and these must be fitted to the sides of the fan casing. Rivets are supplied.
- 3.8 These retainers must be fixed so the retaining clips, when closed, are in tension, so retaining the Baffle securely against the fan casing.
- 3.9 With the Baffle now securely fixed the fan can now be operated either manually or automatically, if controls are fitted.

6. Maintenance

- 4.1 The Light Baffle should be regularly inspected for the security of fixings every time maintenance is carried out on the fans.
- 4.2 The complete Unit should be removed and inspected for dust and dirt build-up between the black plastic baffle blades.
- 4.3 These must be kept clear, as any build up of dust will reduce the free area of the air-flow and increase the resistance to the air-flow, decreasing the efficiency and performance of the fan.
- 4.4 Any dust should be removed by either high pressure air or high pressure water being blown between each blade.
- 4.5 The casing has drain holes in the bottom, so the water will drain away.
- 4.6 Allow to dry, before refitting the Light Baffle Unit to the fan, making sure it is securely retained.

Guarantee

Elta or its agents will, within a period of 1 year from the date of dispatch from their works, repair or, at its option, replace any goods, which are proven to have defects as a result of defective materials or workmanship.

The goods MUST be returned to Elta, carriage paid, for examination. An Elta Engineer or appointed person should attend to carry out any work, unless otherwise agreed. Elta will not accept accounts for workmanship by others.

Please see the Elta warranty booklet for full details on submitting a warranty claim.

Any modifications to the system or its installation, even the smallest modification, change or elimination of security components or pieces that influence the efficiency or loss of ventilation, will result in the CE Certification and Elta's warranty being cancelled.

Recycling

Elta use components, when possible, that are suitable for recycling at the end of the product's life, components can be segregated as stated below and processed in accordance with local regulations. Metallic items can be segregated and recycled; Electrical and Electronic equipment such as motors, cables and control devices can be segregated for WEEE recycling; Cardboard, wood, packaging, and plastic components can be widely recycled. Items not listed should be segregated in accordance with local authority zero waste hierarchy recommendations.