

HVLB Light Baffles

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. Hydor Limited 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 the following standards and the owner is given the current User's Manual.

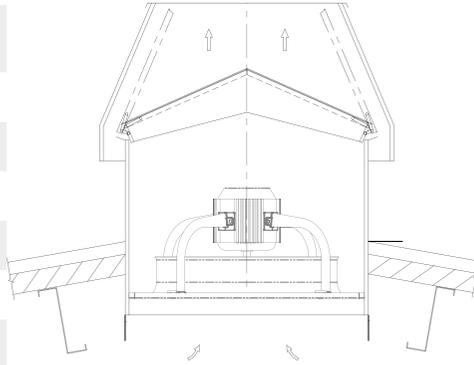
1. General

- 1.1 It is important these Installation and Maintenance Instructions are fully adhered to.
- 1.2 These instructions cover only the Hydor product.
- 1.3 The Baffles are designed to fit onto the fan cases.
- 1.4 Baffles are specifically sized to fit the range of HV Belt Drive 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.

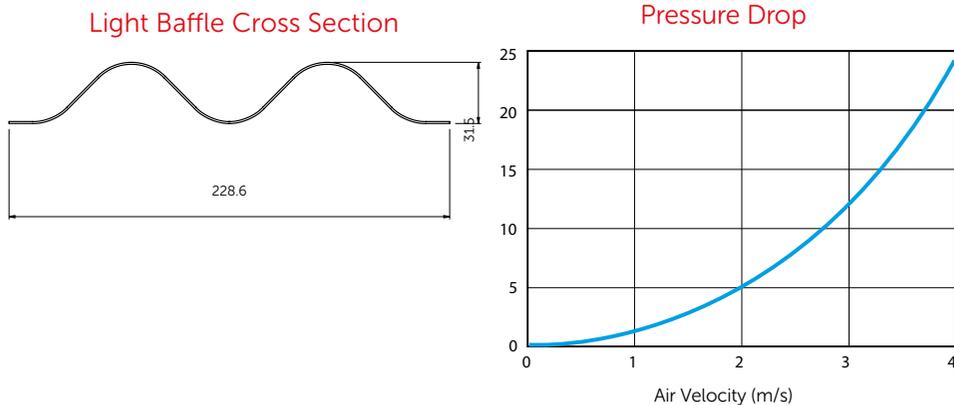
WARNING The fan must be isolated from the power supply when the Baffle is being installed.

2. Dimensions

Model	Light Baffle (square)
HRU450	575
HRU500	655
HRU560	725
HRU630	805
HRU710	847
HRU800	971



Which dimensional drawings?



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 "hanger support" 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 "hanger support" 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.

4. 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

Hydor or its agents will, within a period of one year from the date of dispatch from their works, at its option, replace any goods, which are proven to have defects as a result of defective materials or workmanship. The goods must be inspected by a Hydor official and if necessary returned, with a Returns Note Number, carriage paid, for further examination.

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