

HV Wall Cowl

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 all current statutory requirements and the owner is given the current User's Manual.

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 Hydor's warranty being cancelled.

Please take note of the following symbols used within this document:



Warning: Hazards associated with electric current and potentially dangerous voltages



Important: Important information

Hydor'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, Hydor shall be under no liability whatsoever in respect of such contents.

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

Hydor is a registered trademark of EG Agri Ltd and is a member of Elta Group. All other trademarks, trade names or company names referenced herein are the property of their respective owners.

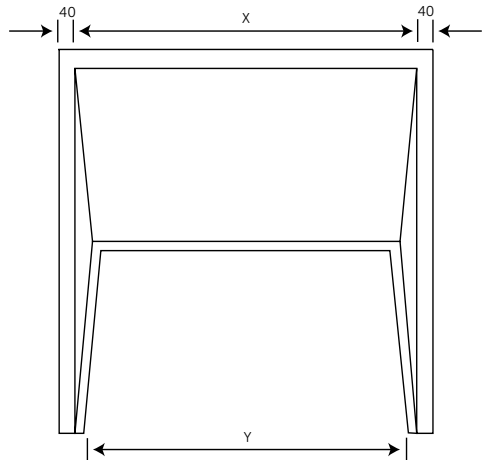
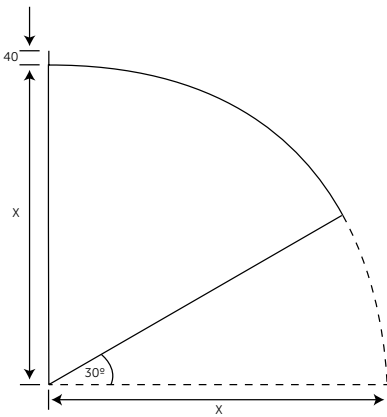
1. General

- 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 Cowls are designed to fit onto the external wall over the fan aperture.
- 1.4 Cowls are specifically sized to fit the range of HXP Plate Fans and HV Belt Drive Fans.
- 1.5 Cowls are constructed of Aluzinc and can be dispatched ready assembled, as they nest together or flat pack unassembled to reduce carriage volume.
- 1.6 Cowls can have a wire mesh guard fitted to prevent birds entering.
- 1.7 This product is not intended for use by young children or infirm persons unless they are 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 Cowl is being installed.

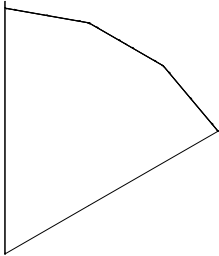
2. Dimensions



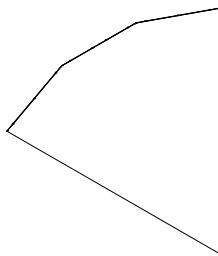
Product Code	X - Wall Aperture	Y - Outlet
HVWC800	1000	900
HVWC1000	1200	1100
HVWC1250	1440	1290
HVWC1500	1555	1407
HVWC2000	2000	1700

3. HVWC800 & HVWC1000 Assembly (See 4. for larger size assembly)

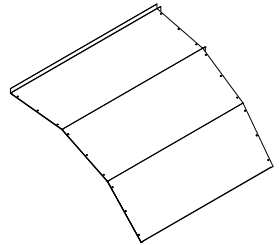
- 3.1 If you ordered a flatpack unassembled unit, follow these steps to assemble your HV Wall Cowl.
- 3.2 You will need a rivet gun to complete assembly. While assembly is possible with 1 person, an extra pair of hands is often helpful due to the size of the unit.
- 3.3 Before you begin please check you have the following components:



1 x Left Piece



1 x Right Piece



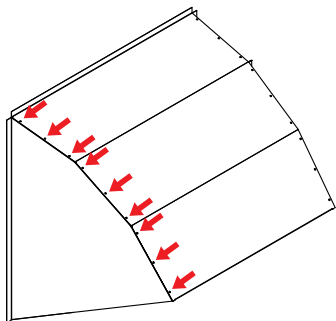
1 x Middle Piece



18 x Blind Rivets

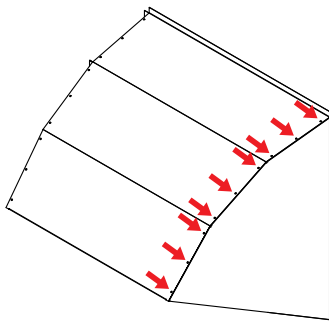
3.4 Step 1

Align the left and middle piece flanges and rivet together with 9 rivets.

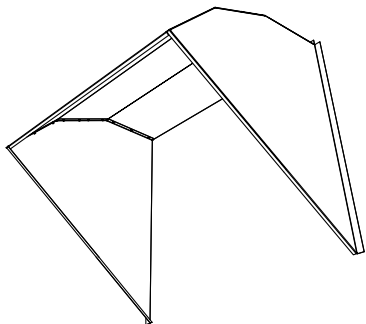


3.5 Step 2

Align the right and middle piece flanges and rivet together with 9 rivets.



3.6 The unit is now complete. Please see following steps if you are adding a mesh guard.



Optional Mesh Guard

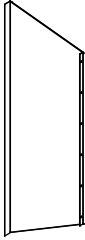
3.7 Place the mesh onto the cowl.

3.8 Place the metal strip on the mesh and attach with supplied rivets.

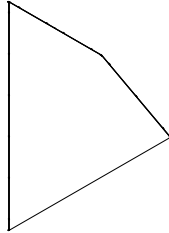
Once complete, jump to Section 6 for installation.

4. HVWC1250, HVC1500 & HVWC2000 Assembly

- 4.1 If you ordered a flatpack unassembled unit, follow these steps to assemble your HV Wall Cowl.
- 4.2 You will need a rivet gun to complete assembly. While assembly is possible with 1 person, an extra pair of hands is often helpful due to the size of the unit.
- 4.3 Before you begin please check you have the following components:



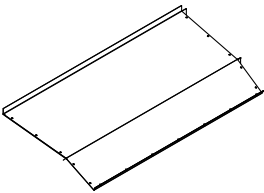
1 x Left Rear Piece



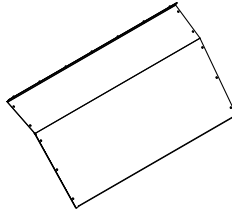
1 x Left Front Piece



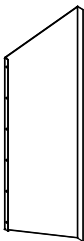
39 x Blind Rivets



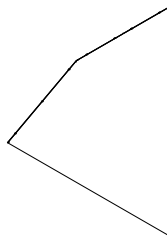
1 x Middle Rear Piece



1 x Middle Front Piece



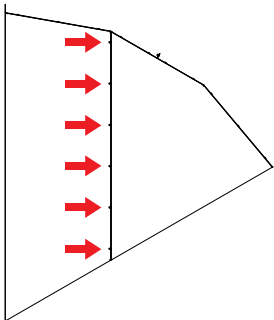
1 x Right Rear Piece



1 x Right Front Piece

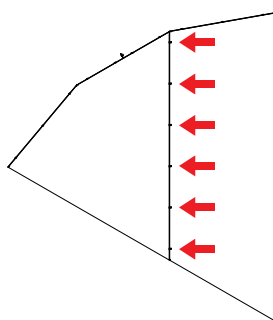
4.4 Step 1

Align the front and rear left piece flanges and rivet together with 6 rivets.



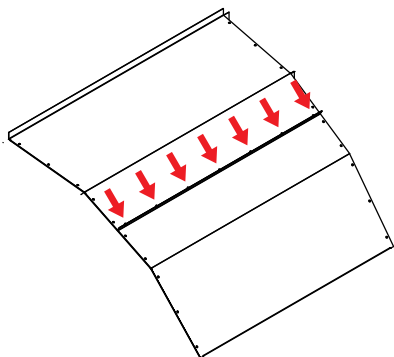
4.5 Step 2

Align front and rear right piece flanges and rivet together with 6 rivets.



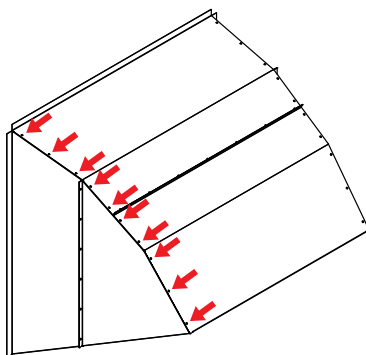
4.6 Step 3

Align the front and rear middle piece flanges and rivet together with 7 rivets.



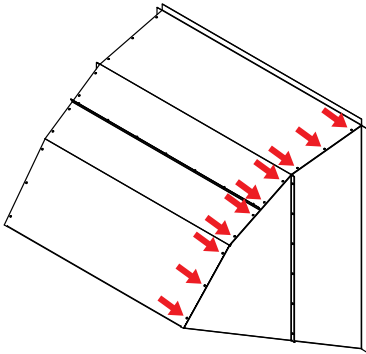
4.7 Step 4

Align the completed left and middle piece flanges and rivet together with 10 rivets.

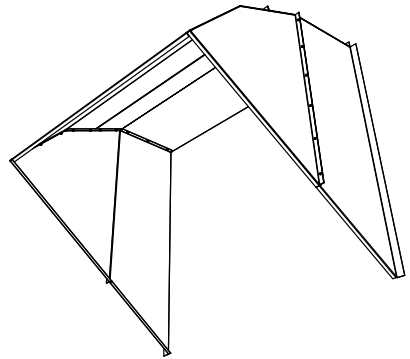


4.8 Step 5

Align the completed right and middle piece flanges and rivet together with 10 rivets.



4.9 The unit is now complete



Optional Mesh Guard

- 5.0 Install the cross bar, fitting with 4 rivets.
- 5.1 Place the mesh onto the cowl.
- 5.2 Place the metal strip on the mesh and attach with supplied rivets.

6. Installation

- 6.1 Ensure that the fan is switched off and isolated from the supply.
- 6.2 Pay particular attention if the fan system involves automatic controls.
- 6.3 If the Cowl is flat-pack it must be assembled before installation can take place.
- 6.4 The assembled Cowl should be offered up to the fan aperture and securely fixed to the wall using appropriate screws or bolts. The Cowl has "key-hole" slots, so can be easily removed, if required.

! NOTE: The Cowls should be regularly inspected for the security of fixings every time maintenance is carried out on the fans and should be kept clean of dirt.

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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