

Double bank louvre

Model

WL-DBL

Overview

Double bank louvres offer a higher degree of rain protection than regular single bank louvres, especially when wind is driving water at the louvre.

HVC Series WL-DBL double bank louvres are manufactured from 2 sets of 75mm pitch blade, set back to back in a chevron arrangement. The advantage of the chevron being as air is driven through the louvre, water is deflected up into the above blade. This then runs along an integrated channel, and from there can be ejected from the louvre by way of gravity.

Construction

- Entirely extruded aluminium construction.
- 75mm blade pitch.
- Chevron blade arrangement.
- Variety of frame types available.

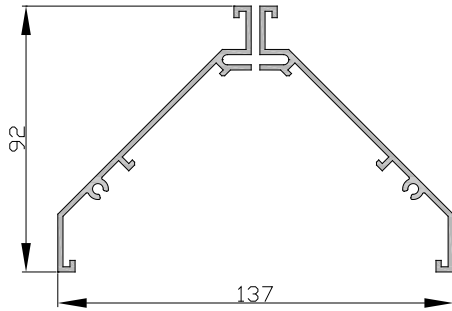
Options and accessories

HVC can supply you a standard 38mm pitch Weather Louvre, or a customised unit made to your exact specifications. Please see our list of options and accessories below for an overview of what we can do.

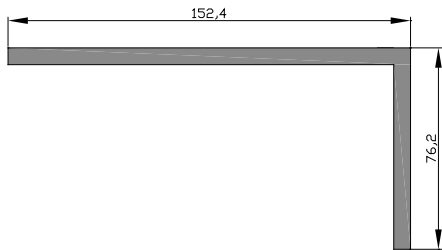
- **Volume control damper** – Combination units of a WL-DBL louvre and an adjustable volume control damper of traditional or UPVC construction can be manufactured.
- **Bird/Insect mesh** – Either type of mesh can be fitted to the rear of a unit to prevent birds, insects or other foreign objects being able to penetrate the louvre.
- **Finishes** - HVC can polyester powder coat or nylon coat your WL38 to any RAL or BS colour, non painted (STD) finish is mill.
- **Fixings** – Countersunk fixing holes and screws, or concealed fixing lugs are available to aid fitting.



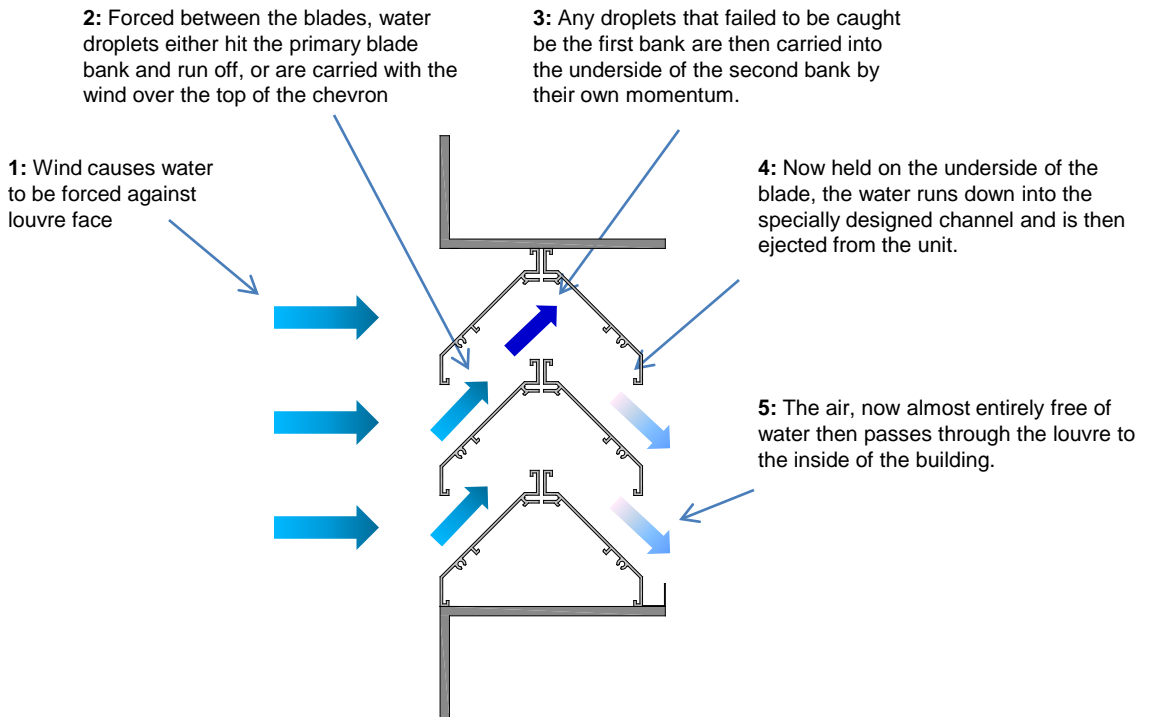
Blade profile & spacing



Frame profile



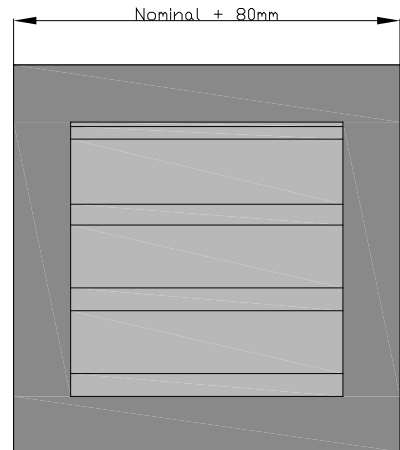
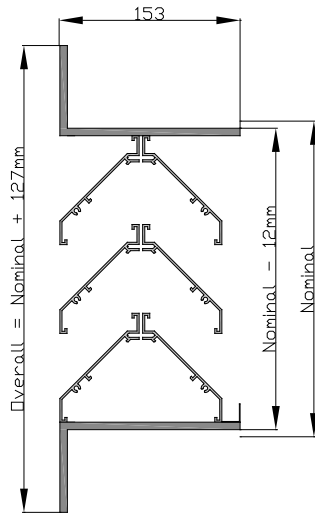
What makes a double bank louvre so effective?



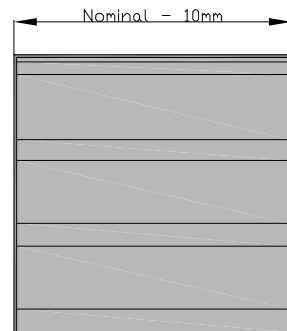
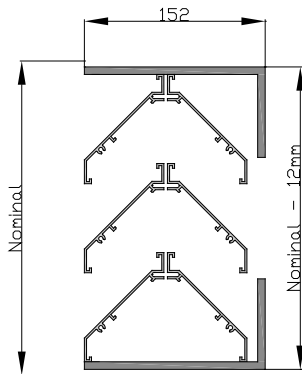
Technical information

- Free area – Approx 50%.
- WL-DBL Mass/M² face area = 30KG

- (___ x ___) – WL-DBL

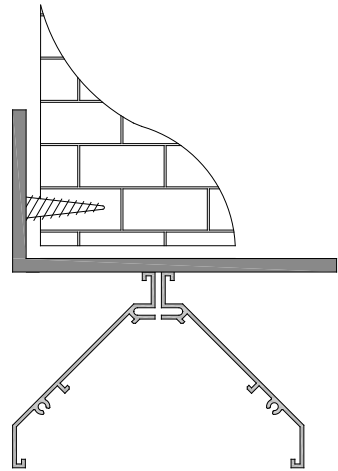


- (___ x ___) – WL-DBL – Recessed flange



Countersunk fixing holes and screws

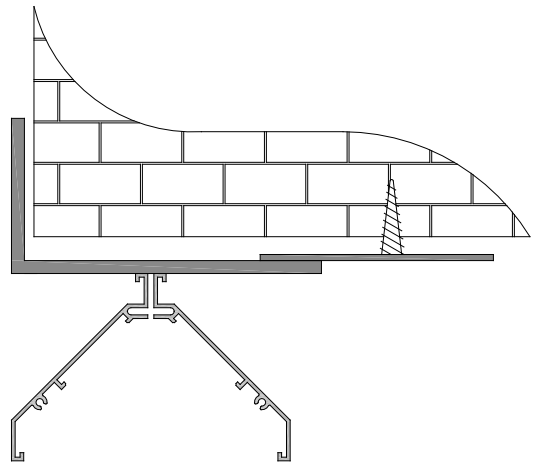
Louvres can be supplied with countersunk fixing holes already punched into the flange. Screws, powder coated to the same colour as the louvre are supplied as standard.



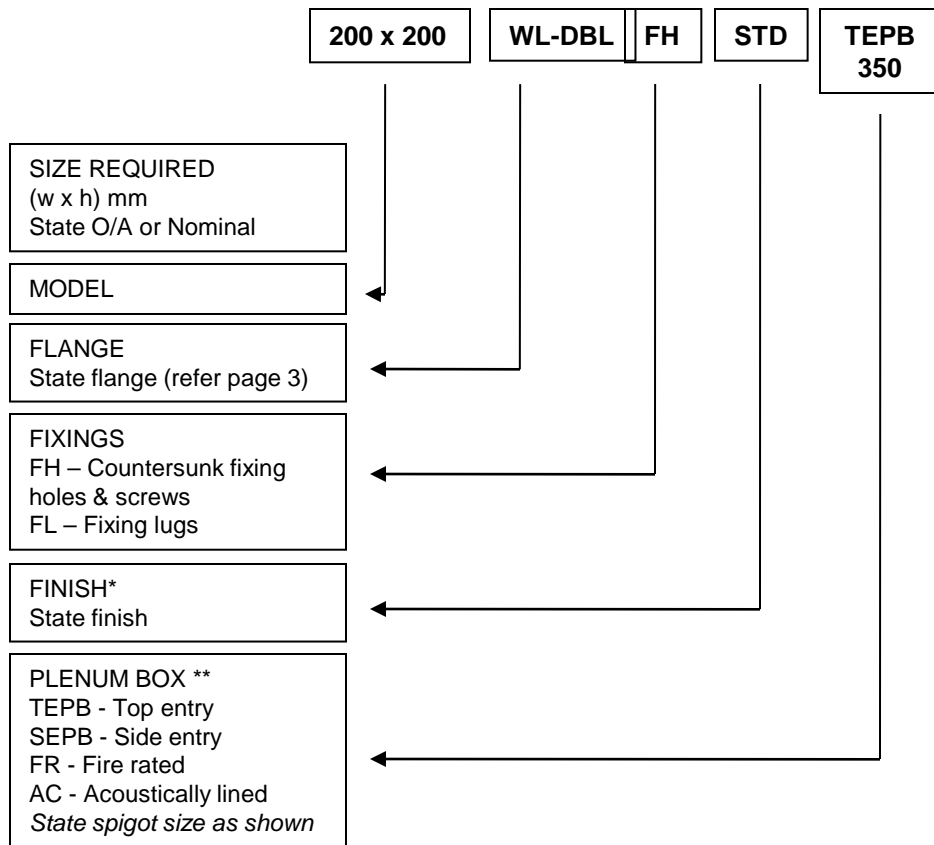
Fixing lugs

Fixing lugs provide a concealed method of affixing a unit to the wall. The lugs protrude from the back of the unit, they can then be bolted to the surrounding masonry, timber or duct. This method does require access to the area behind the louvre for fixing.

With recessed louvres, 'L' brackets will be supplied if fixing lugs are specified.



Ordering codes



* Standard (STD) finish on weather louvres is mill.

** Plenum boxes are as standard 100mm deep, please state should other depth be required.

HVC Supplies (Stourbridge) Ltd reserves the right to alter, without notice, any specifications issued. Any alterations made will appear on www.h-v-c.com as soon as possible.

