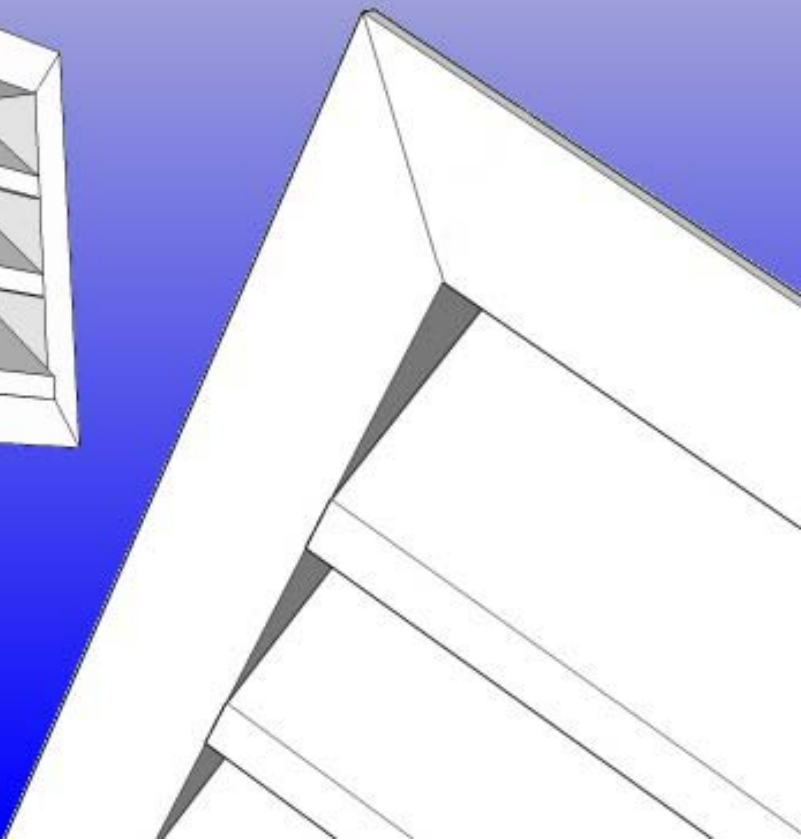
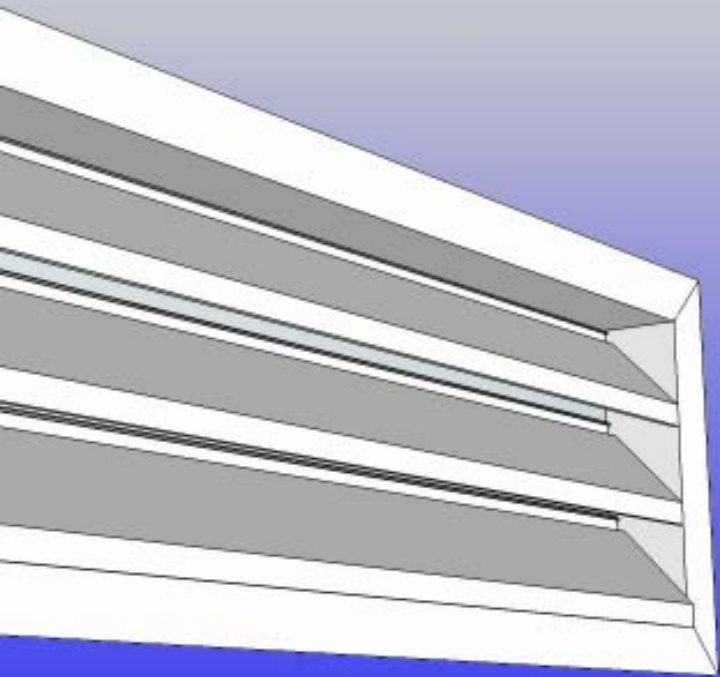




**Weather Louvre  
100mm pitch  
Series WL100**



# Weather Louvre

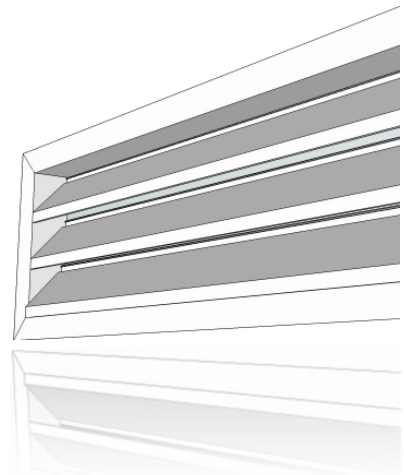
## 100mm pitch

### Model

## WL100

### Overview

WL100 louvres are made by specification only. Designed to give maximum strength and rigidity on the largest applications, whilst retaining the excellent weather resistance properties exhibited by the whole range of HVC louvres.



### Construction

- Variety of extruded aluminium frame styles to choose from.
- Unique blade profile.
- Lengths over 2000mm usually split into sections with a hairline mullion.

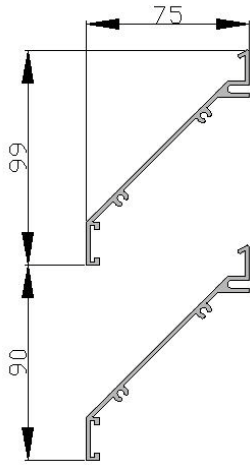
### Options and accessories

HVC can supply you a standard 100mm 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.

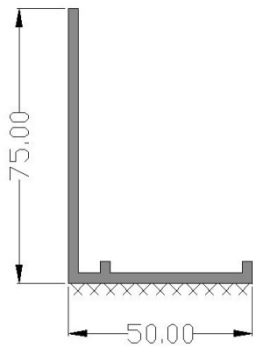
- **Volume control damper** – Combination units of a WL100 louvre and an adjustable volume control damper of traditional or UPVC construction can be manufactured.
- **Bird/Insect mesh** – Either type of mesh can be fitted to the rear of a unit to prevent birds, insects or other foreign objects being able to penetrate the louvre.
- **Finishes** - HVC can polyester powder coat or nylon coat your WL100 to any RAL or BS colour, non painted (STD) finish is mill.
- **Blanking plate** - Blanking plates enable a portion or all of the louvre to be disabled.
- **Fixings** – Countersunk fixing holes and screws, or concealed fixing lugs are available to aid fitting.



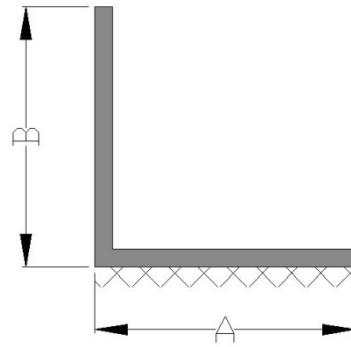
## Blade profile & spacing



## Frame types



STD - 50mm flat flange



Optional frames

A (inches/ mm)	B (inches/ mm)
1/25.4	3/76.2
1.5/38.1	3/76.2
3/76.2	3/76.2
4/101.6	3/76.2
6/152.4	3/76.2

N.B - Hatching denotes visible area

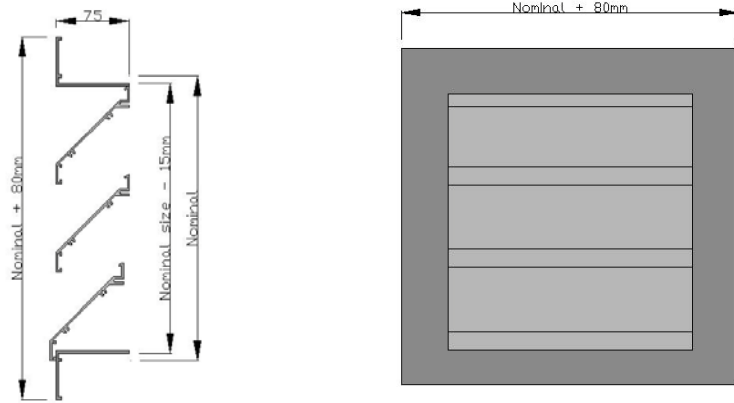


## Technical information

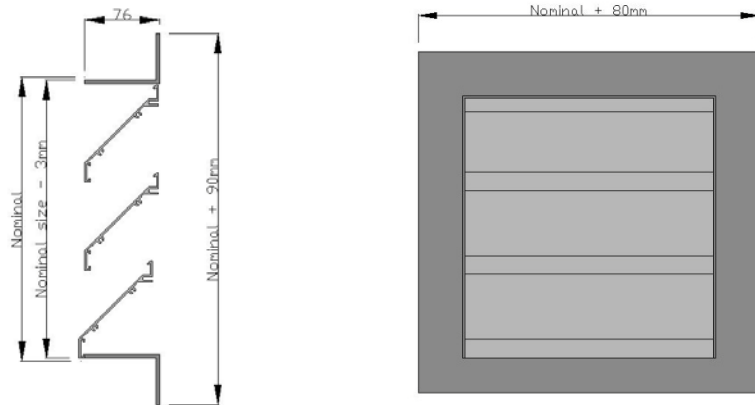
- Free area – Approx 50%.
- WL100 Mass/M<sup>2</sup> face area = 15.5KG

As standard 50mm flat flange is used on standard format WL75s, 3" x 2" angle is used on reversed and recessed louvres.

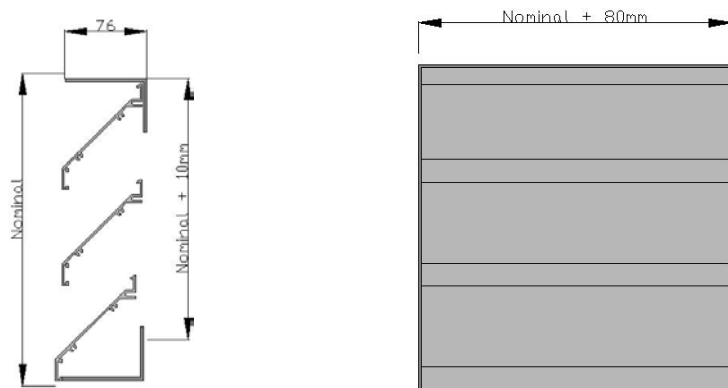
- (\_\_\_ x \_\_\_) – WL100



- (\_\_\_ x \_\_\_) – WL100 – Reverse flange

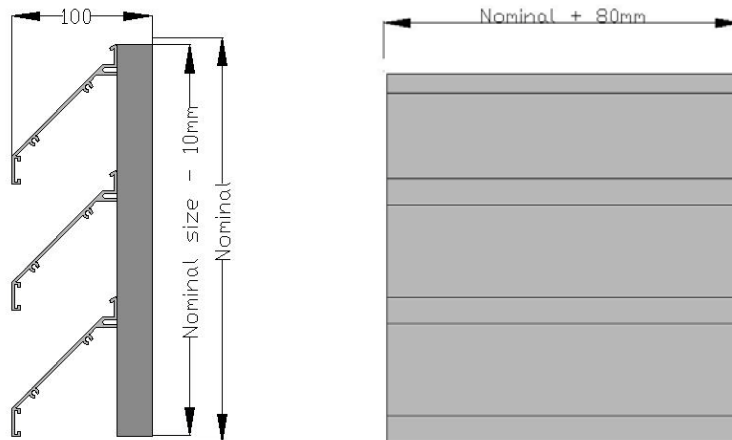


- (\_\_\_ x \_\_\_) – WL100 – Recessed flange



With concealed louvres, lengths of mullion, strong enough to ensure negligible flex in the louvre, run vertically behind the blades, holding them in place, leaving no external frame whatsoever.

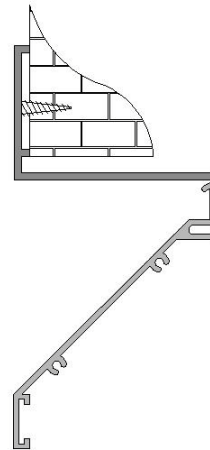
- (\_\_\_ x \_\_\_) – WL100 – Concealed



## Fitting Options

### Countersunk fixing holes and screws

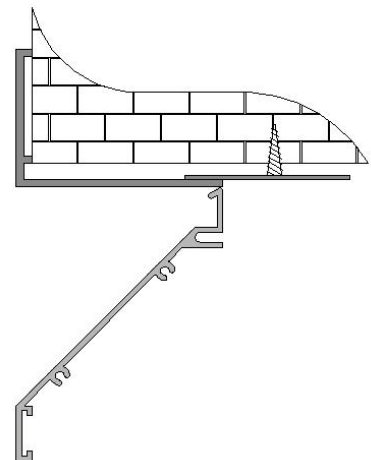
Louvres can be supplied with countersunk fixing holes already punched into the flange. Screws, powder coated to the same colour as the louvre are supplied as standard.

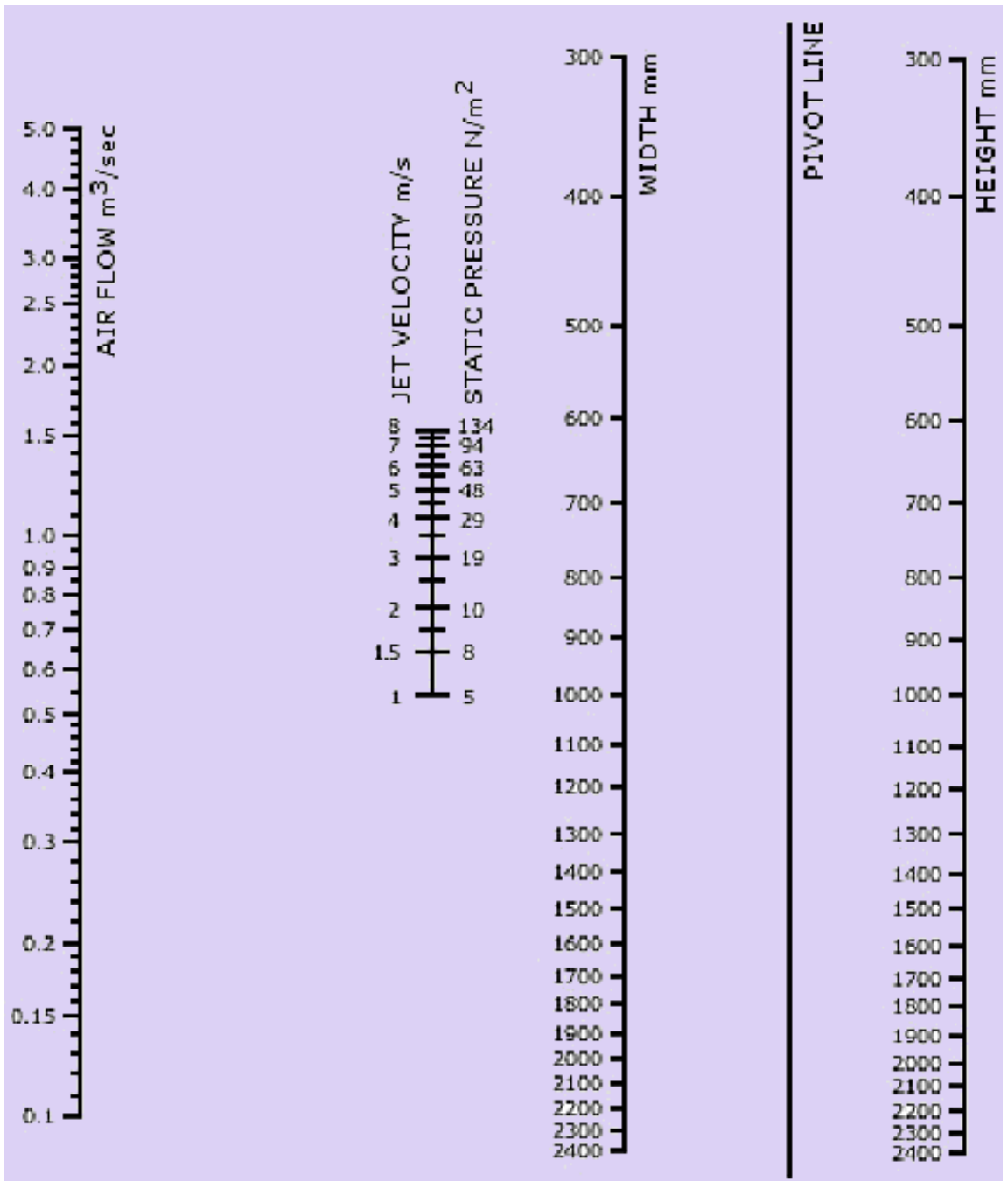


### Fixing lugs

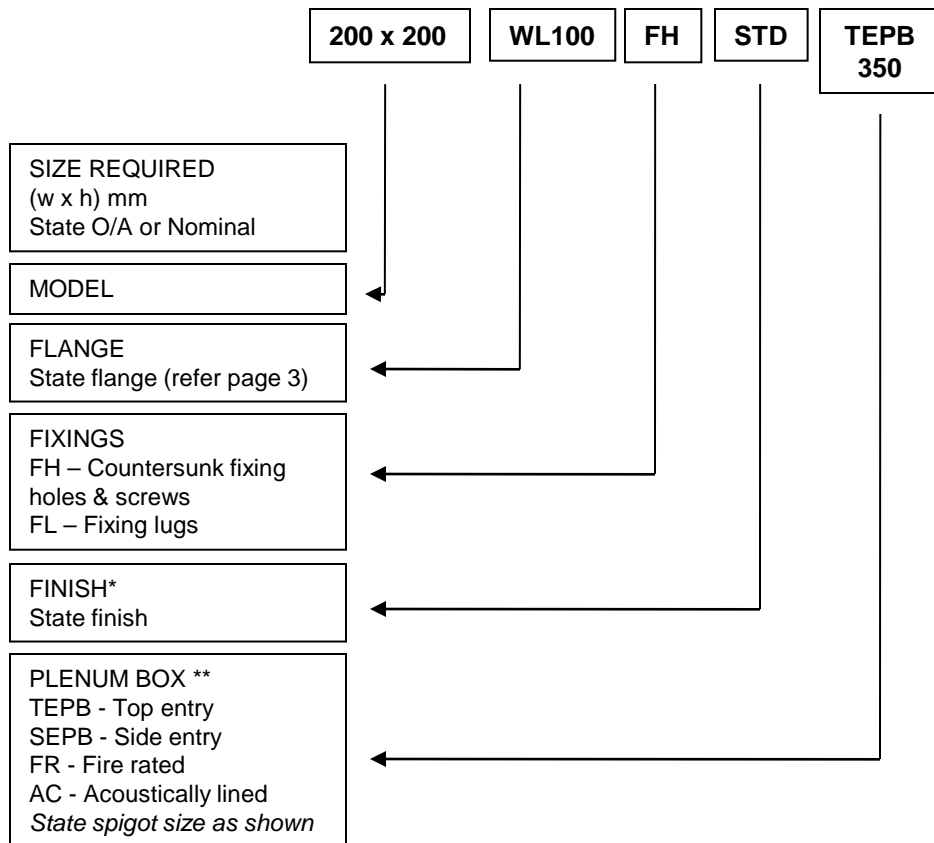
Fixing lugs provide a concealed method of affixing a unit to the wall. The lugs protrude from the back of the unit, they can then be bolted to the surrounding masonry, timber or duct. This method does require access to the area behind the louvre for fixing.

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](http://www.h-v-c.com) as soon as possible.

