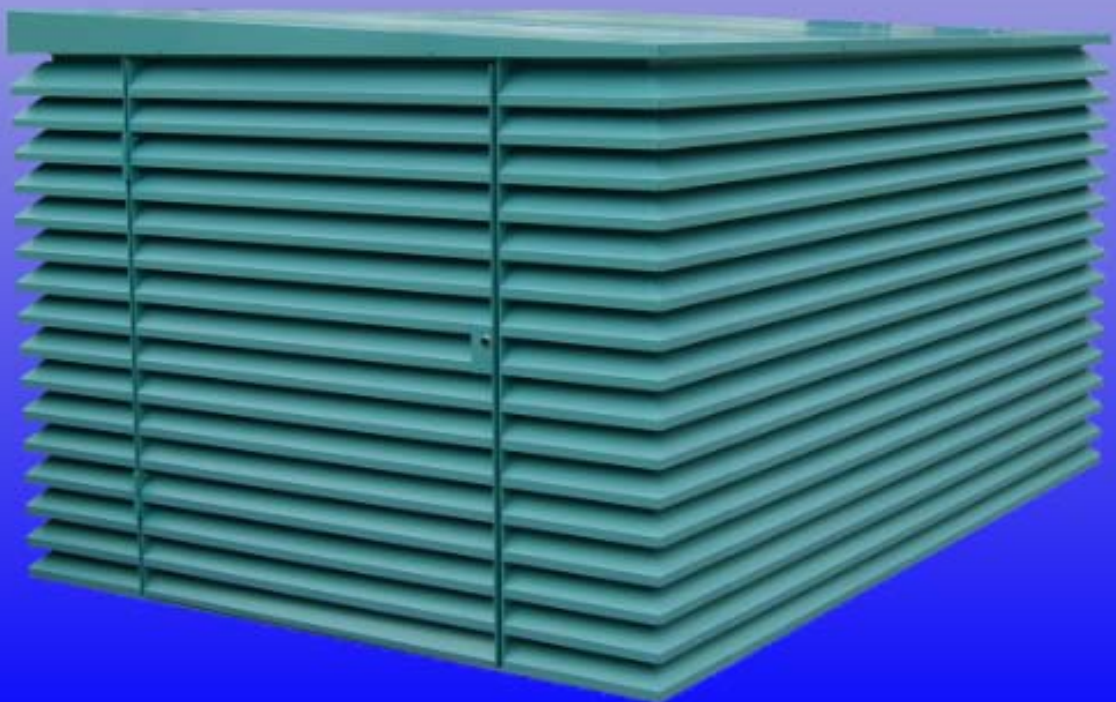




Penthouse Louvre Series PHL



Penthouse Louvre

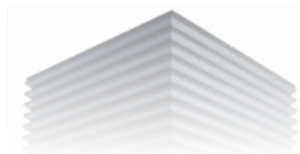
Model

PHL

Overview

Penthouse louvres provide an architectural solution to roof mounted ventilation units.

HVC Series PHL Penthouse Louvres are available in 50mm and 75mm blade formats to give maximum protection against rain ingress, and come with a range of options and accessories to suit any purpose.



Construction

- All aluminium construction.
- 50mm or 75mm blade pitch.
- Fully mitred corner sections as standard.

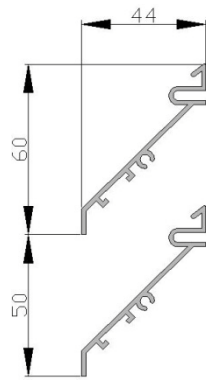
Options and accessories

HVC can supply you a standard Penthouse 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.

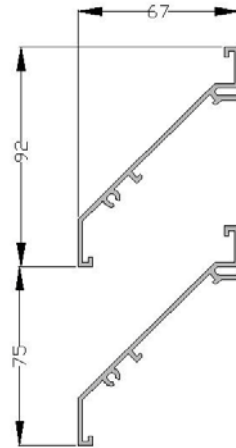
- **Volume control damper** – A manual or powered VCD of galvanised steel, stainless steel or UPVC construction can be mounted inside the louvre.
- **Bird/Insect mesh** – Either type of mesh can be fitted inside a unit to prevent birds, insects or other foreign objects being able to penetrate the louvre.
- **Blanking plate** - Blanking plates enable a portion or all of the PHL to be disabled.
- **Divider plate** – These allow a single unit to be used for extract and supply purposes by fitting an insulated or un-insulated plate vertically inside the louvre.
- **Drip cills** – Custom designed drip cills can be provided to compliment a penthouse louvre. These can serve to aid the removal of water from the louvre, or to conceal ragged brickwork or gaps left by builders.
- **Roofs** – Un-insulated hip roofs are supplied as standard. Other styles e.g. flat or slanted one way can be specified, as can insulation.
- **Doors** – Louvre doors, with or without locks can be manufactured and integrated into one or more sides.



Blade profile and spacing



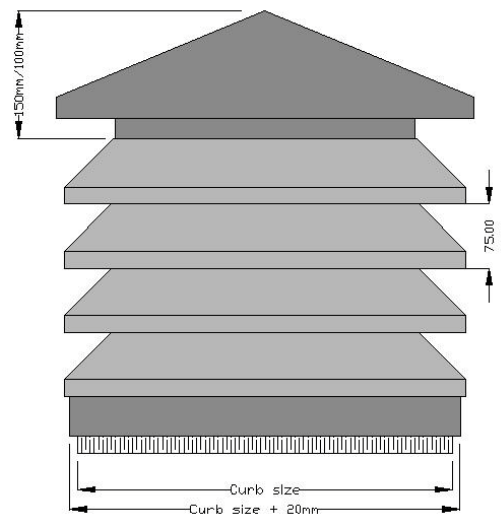
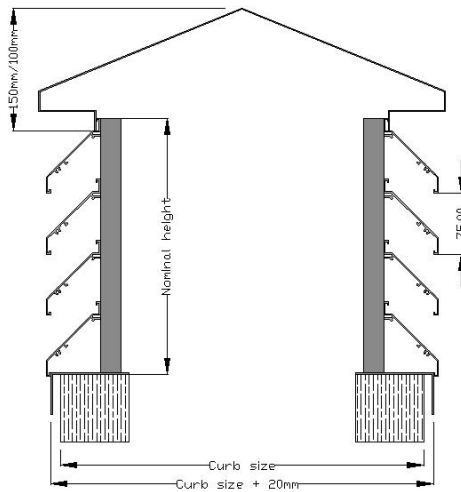
PHL 50
50mm blade pitch



PHL 75
75mm blade pitch

Technical information

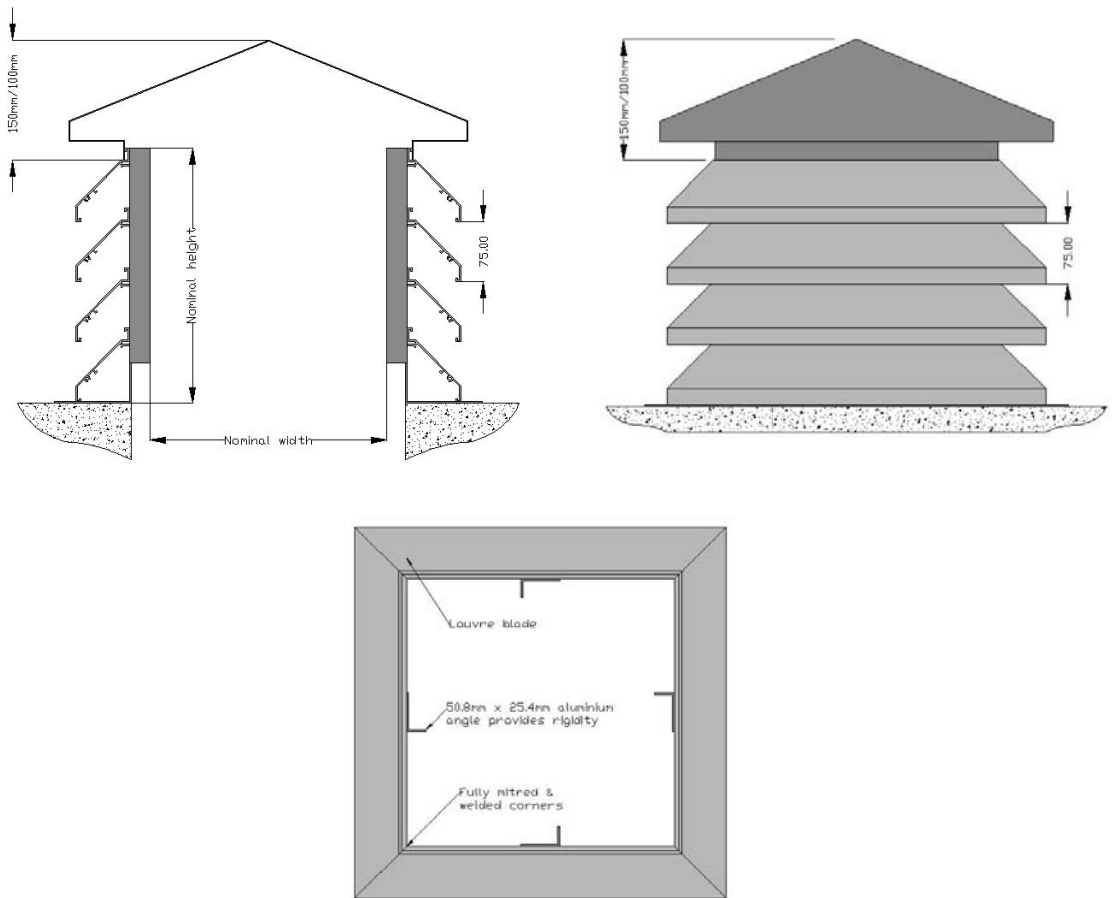
- Free area – Approx 50%.
- PHL Mass/M³ Exterior volume = Approx 70Kg
- (___ x ___) - PHL 75 – Curb fitting



Please note that the size of the penthouse louvre will determine whether a 100mm or 150mm roof is used.



- (___ x ___) - PHL 75 – Flat roof



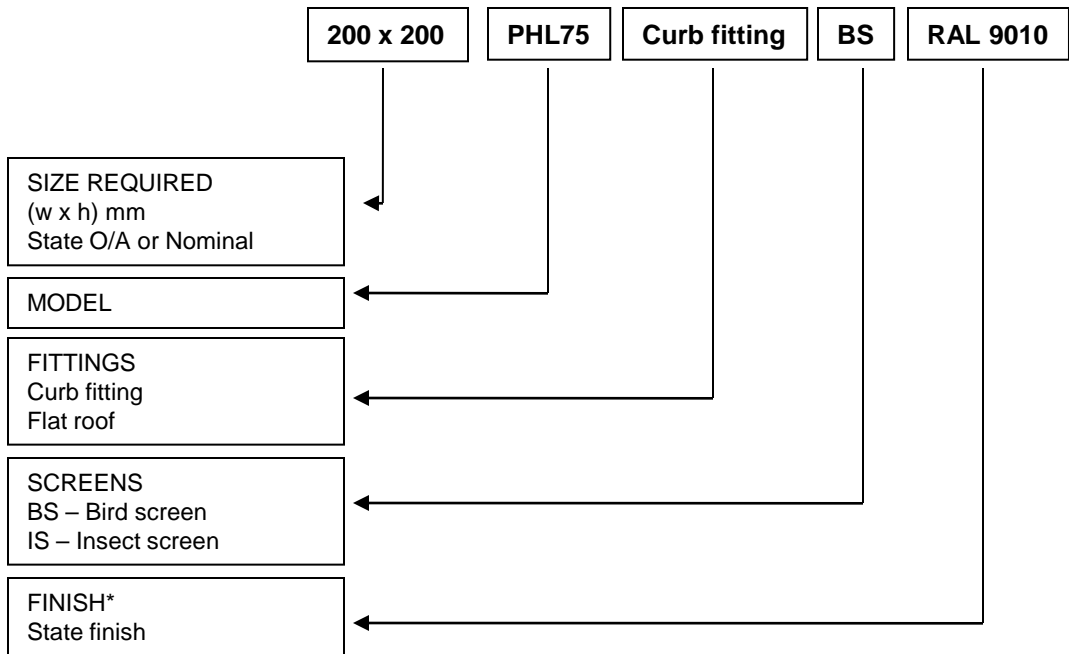
Selection procedure

Penthouse louvres are unusual in that they will usually be sized to match a duct / curb size that is predetermined. The height of a unit will be the only dimension that therefore changes based upon airflow requirements. Please get in touch via www.h-v-c.com, telephone or fax with any penthouse louvre sizing needs.

Standard manufacturing procedure dictates that a unit's height will be made as close as possible to a multiple of the blade pitch selected, which avoids the need to have the top or bottom blades cut down to suit the size or the blade pitch reduced.



Ordering codes



Please provide a description & dimensioned drawing whenever ordering a penthouse louvre with the following options:

- Divider plate
- Blanking plate
- Volume control damper
- Doors
- Drip cills
- Non standard roofs

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

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.

