



## Louvre systems

### Series WLD Weather louvre doors

*Incorporating*



- Fully active louvre panel integrated into a door
- Full range of hardware from basic deadlocks to panic bars and door closers
- Good resistance to water ingress, with low resistance to airflow
- Approximately 50% free area
- Polyester powder coating to the full range of RAL and BS colours



## Series WLD

Series WLD weather louvre doors are designed for use where both ventilation and access are required, for instance into plant rooms.

Derived from Series WL weather louvres, continuity of appearance is assured, meaning that single or multiple doors can be integrated into larger banks of either Series WL or Series WLX site-assembly louvres.

Standard fittings include high quality stainless steel ball bearing hinges, and either euro-cylinder equipped deadlocks or sashlocks. We are also able to fit more specialist door hardware if required, for example fire door panic bars/pads, code locks or door closers.

As standard doors are set up to open outwards, if you require a door to open inwards, please discuss this directly with HVC.

Doors can be manufactured with flanged or recessed frames, and powder coated to any RAL or BS colour.



## Design features

<b>Material</b>	Extruded aluminium BZP steel screws or aluminium pop rivets Door furniture may make use of other materials
<b>Blade</b>	75mm pitch, with 45° face slope
<b>Core</b>	Hinged and lockable
<b>Frame</b>	Recessed with 6.4mm thick flat bar threshold (standard unless stated) Flanged on three sides with 6.4mm thick flat bar threshold
<b>Finish</b>	Standard: Mill aluminium Optional: See page 14
<b>Mass/m<sup>2</sup> face area (approx.)</b>	20 kg
<b>Free area</b>	Approx. 50% (varies with size)

## Quality assurance

HVC Supplies (Stourbridge) Ltd is an ISO 9001 certified company.



Assessed to ISO 9001  
Cert/Ref No. 1186

## Door specifications

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### **Deadlock equipped**

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Basic specification for areas with low foot traffic, using the following hardware:

- Nickel plated deadlock
- 5 pin euro-cylinder
- Satin aluminium finish escutcheons
- Stainless steel ball bearing hinges



### **Sashlock equipped**

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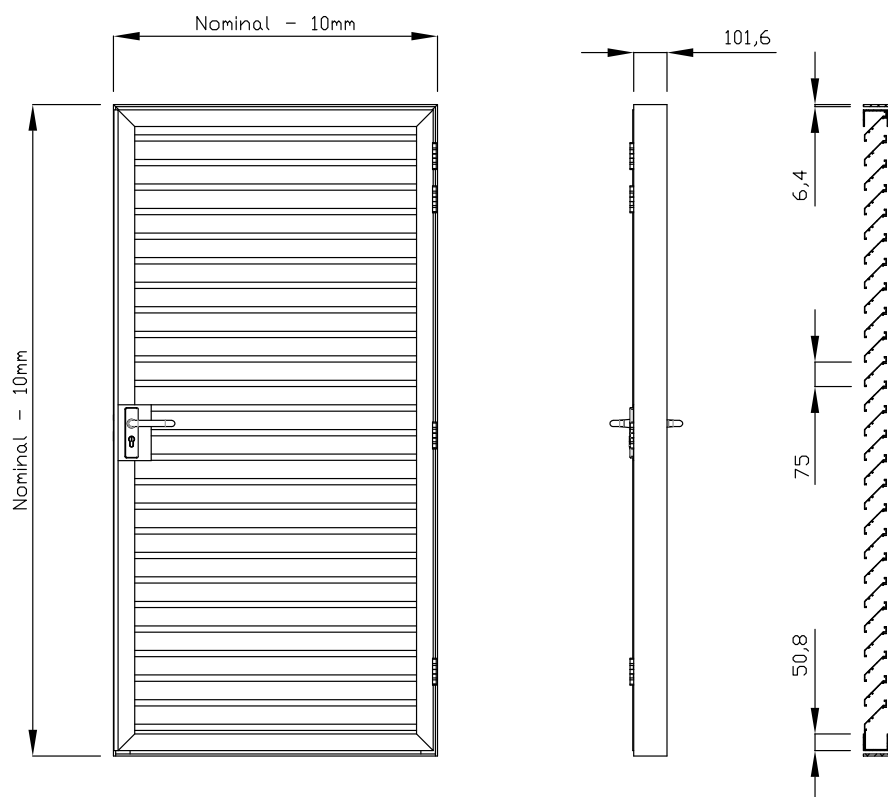
Higher specification for areas with frequent foot traffic, using the following hardware:

- Nickel plated sashlock
- 5 pin euro-cylinder
- Satin aluminium finish handles and cover plate
- Stainless steel ball bearing hinges

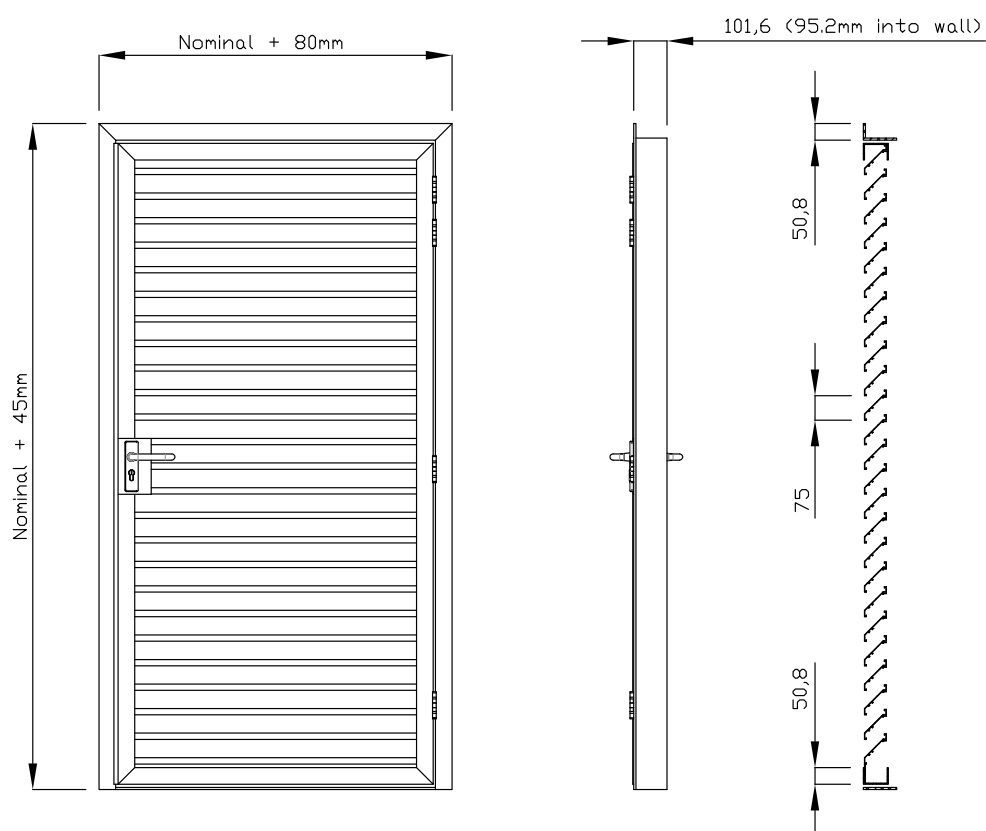


## Technical drawings

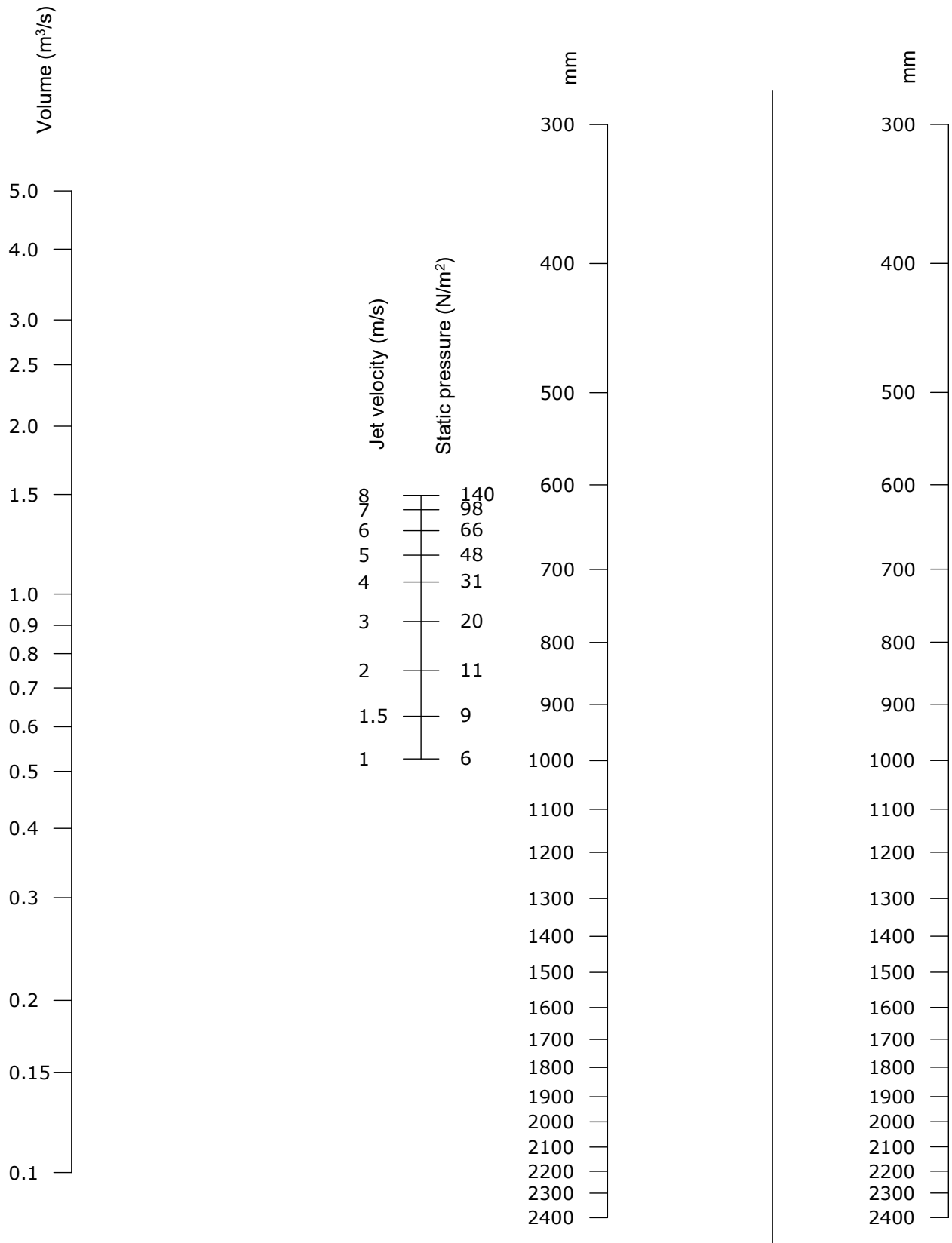
### Recessed frame - REC



### Flanged



Selection data: WL75



## Finish

Mill aluminium (standard)

Polyester powder coating to any RAL or BS colour



## Ordering codes

### Example

**1 - 1000 x 2000 - WLD-REC - BM - Sashlock - LH - RAL9010M**

### Codes

1)	<b>Quantity</b>		
2)	<b>Size (mm)</b>	(Width x height)	
3)	<b>Series</b>	WLD-REC	Weather louvre door - Recessed frame, 6.4mm flat bar threshold (standard unless stated, shown in all images in this brochure)
		WLD	Weather louvre door - Flanged on sides and top, 6.4mm flat bar threshold
4)	<b>Debris screens</b>	BM	Bird mesh (12mm x 12mm mesh)
		IM	Insect mesh
5)	<b>Lock type</b>	Deadlock	Deadlock c/w euro-cylinder
		Sashlock	Sashlock c/w euro-cylinder
6)	<b>Lock location</b>	LH	Lock on left hand side of door when viewed from outside (standard unless stated, single doors only)
		RH	Lock on right hand side of door when viewed from outside (single doors only)
7)	<b>Finish</b>	Mill	Mill aluminium (standard)
		RAL...	Polyester powder coated to RAL...
		BS...	Polyester powder coated to BS...

Leave code section blank if no option is required.

Unless stated, size is taken to be nominal (hole) size, and will therefore have a tolerance removed to aid fitting.

If any other door hardware is required, e.g. panic bars/pads, door closers etc, please discuss these requirements with HVC.

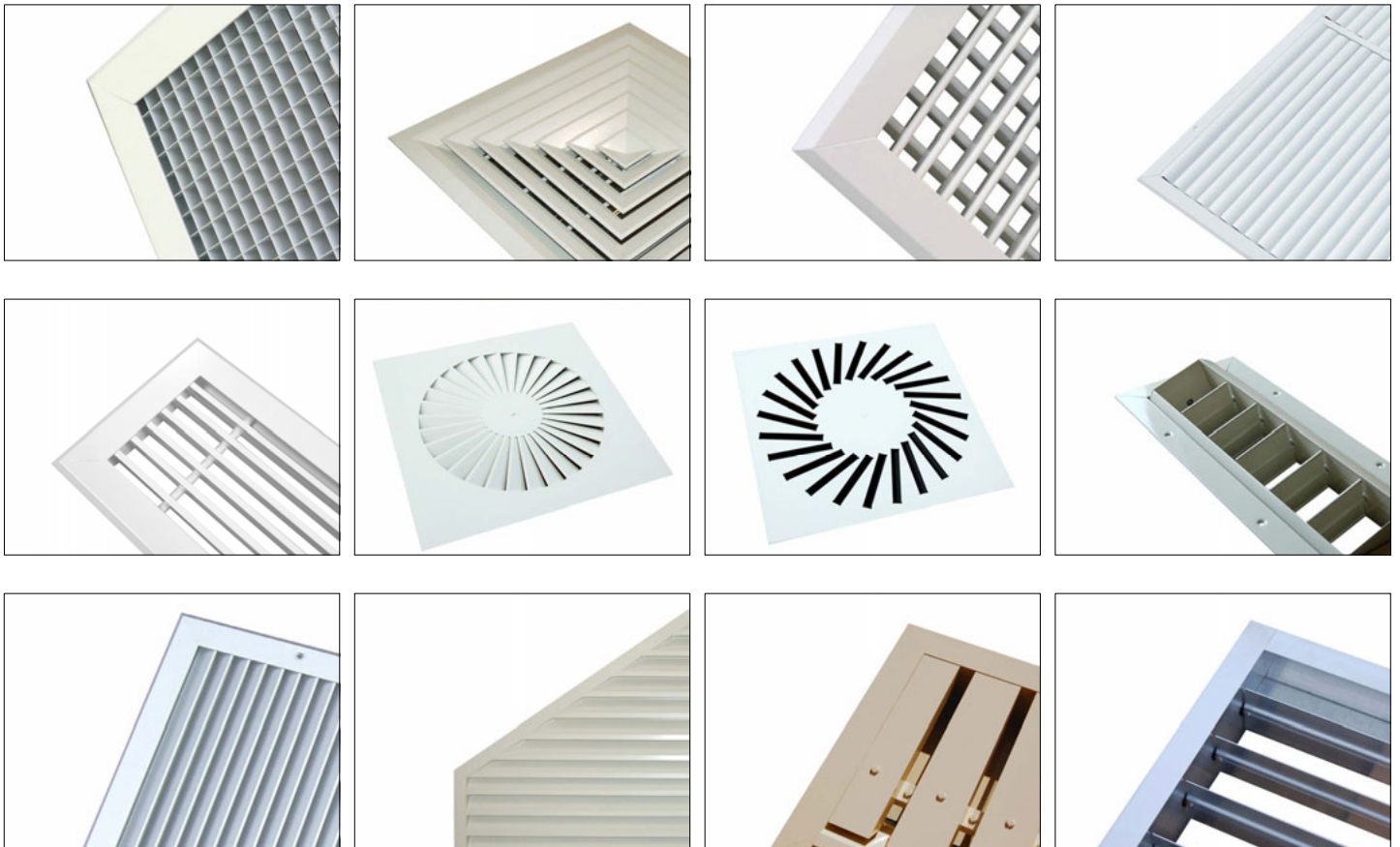
Doors open out as standard, if doors are required to open inwards please discuss this with HVC.

## HVC & NCA products

HVC offer the significant advantage of manufacturing both in duct and duct terminal equipment, making us a one stop shop for all your HVAC needs.

The products shown below are a selection, not an exhaustive list. Go to [www.h-v-c.com](http://www.h-v-c.com) for details on all HVC and NCA products.

### HVC: Grilles, Diffusers, Louvres and Volume Control Dampers



### NCA: Fire and Volume Control Dampers





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Cert/Ref No. 1186

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