



*Incorporating*



## Grilles & Diffusers

### Series FSW Floor swirl diffuser

- Floor mounted swirl diffusers available in 150mm and 200mm diameter models
- Concealed and fully removable swirl blade set and dirt collection tray
- ¼ inch thick aluminium core is strong enough to support light foot traffic
- Quick and simple to fit
- Available polyester powder coated to any RAL or BS colour

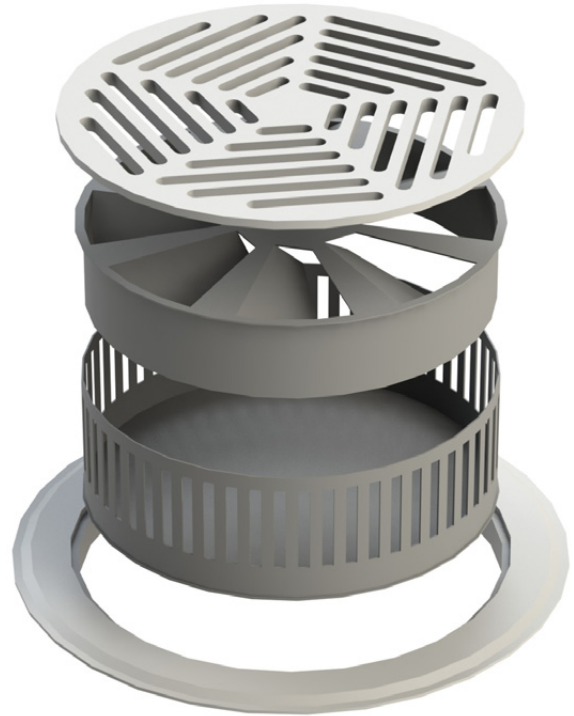


## Series FSW

Floor swirl diffusers are specially reinforced units, providing an effective method of supplying air to areas like open plan offices. Suitable for any sort of raised flooring, and available in 150mm and 200mm diameter models.

Constructed from four main components:

- Outer ring**  
 Manufactured from cast aluminium, the outer ring is the main support for the rest of the unit. It also holds the three clips which secure the unit into the floor.
- Inner core**  
 Also from cast aluminium, this perforated 6.4mm thick section is strong enough to support light foot traffic. Fully removable from the outer ring, and fitted with a captive bolt from which the deflector set and dirt catchment tray are mounted.
- Swirl deflector set**  
 Polyester powder coated matt black, this is screwed onto the captive bolt on the underside of the inner core and provides the swirling throw required for good mixing of supplied and resident air.
- Dirt catchment tray**  
 Hung underneath the swirl set, the dirt catchment tray is designed to catch any dirt or debris which may fall through the inner core, ensuring floor voids are kept clean, and making maintenance easier.



## Design features

<b>Material</b>	Cast aluminium fascia plate and outer ring  Galvanised steel dirt collection pan and swirl blade set (powder coated matt black)
<b>Sizes</b>	150mm and 200mm diameter
<b>Core</b>	Removable to allow cleaning and fitting
<b>Finish</b>	Standard: Cast aluminium  Optional: See page 4
<b>Mass per unit</b>	Approx 1 kg

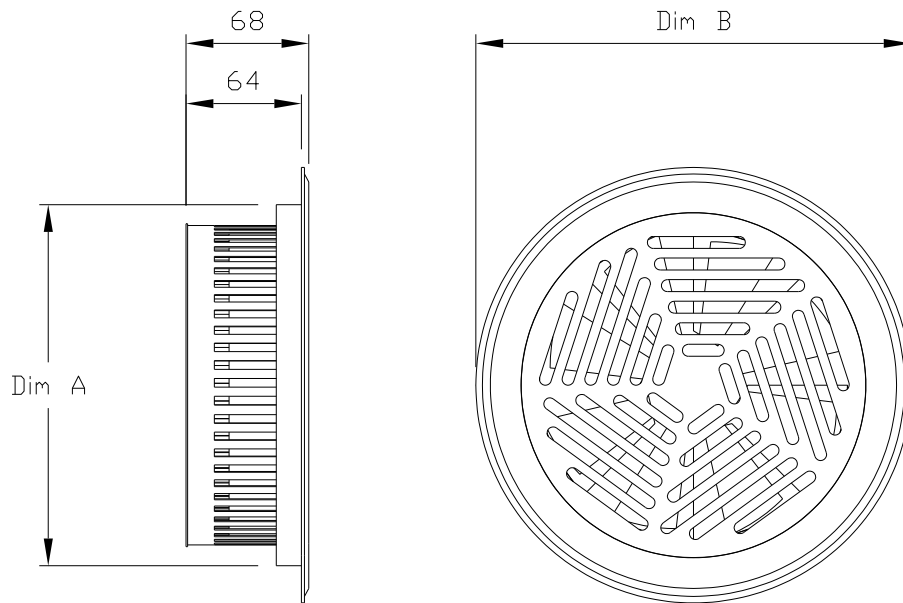
## Quality assurance

HVC Supplies (Stourbridge) Ltd is an ISO 9001:2008 accredited company.



Assessed to ISO 9001:2008  
Cert/Ref No. 1186

## Technical drawings

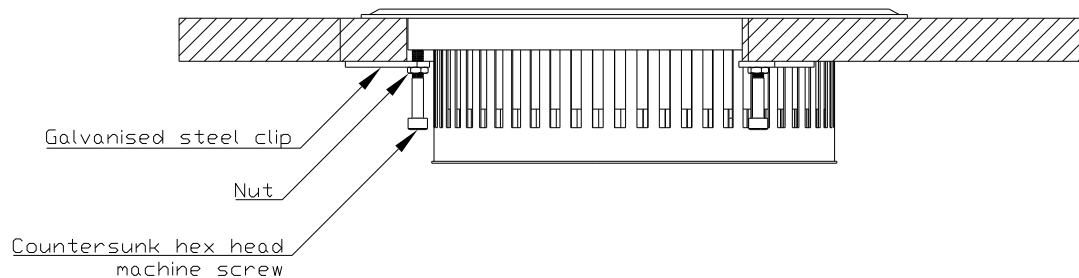


	Dim A (mm)	Dim B (mm)
<b>FSW150</b>	150	190
<b>FSW200</b>	200	240

## Fitting

Fitting is quick and simple.

- Fit the three steel clips into position using the tapped holes in the underside of the outer ring and the nuts and machine screws.
- Turn the clips to face inside the outer ring, and then lay it into a pre-cut hole in the floor.
- Turn the steel clips 180 degrees so they protrude from the outer ring to sit underneath the floor tile.
- Adjust the machine screw and nut to secure the outer ring to the floor.
- Lay in the assembled inner core, swirl set and dirt tray.



## Finish

Cast aluminium (standard)

Polyester powder coating to any RAL or BS colour



## Ordering codes

### Example

1 - 200 dia - FSW

### Codes

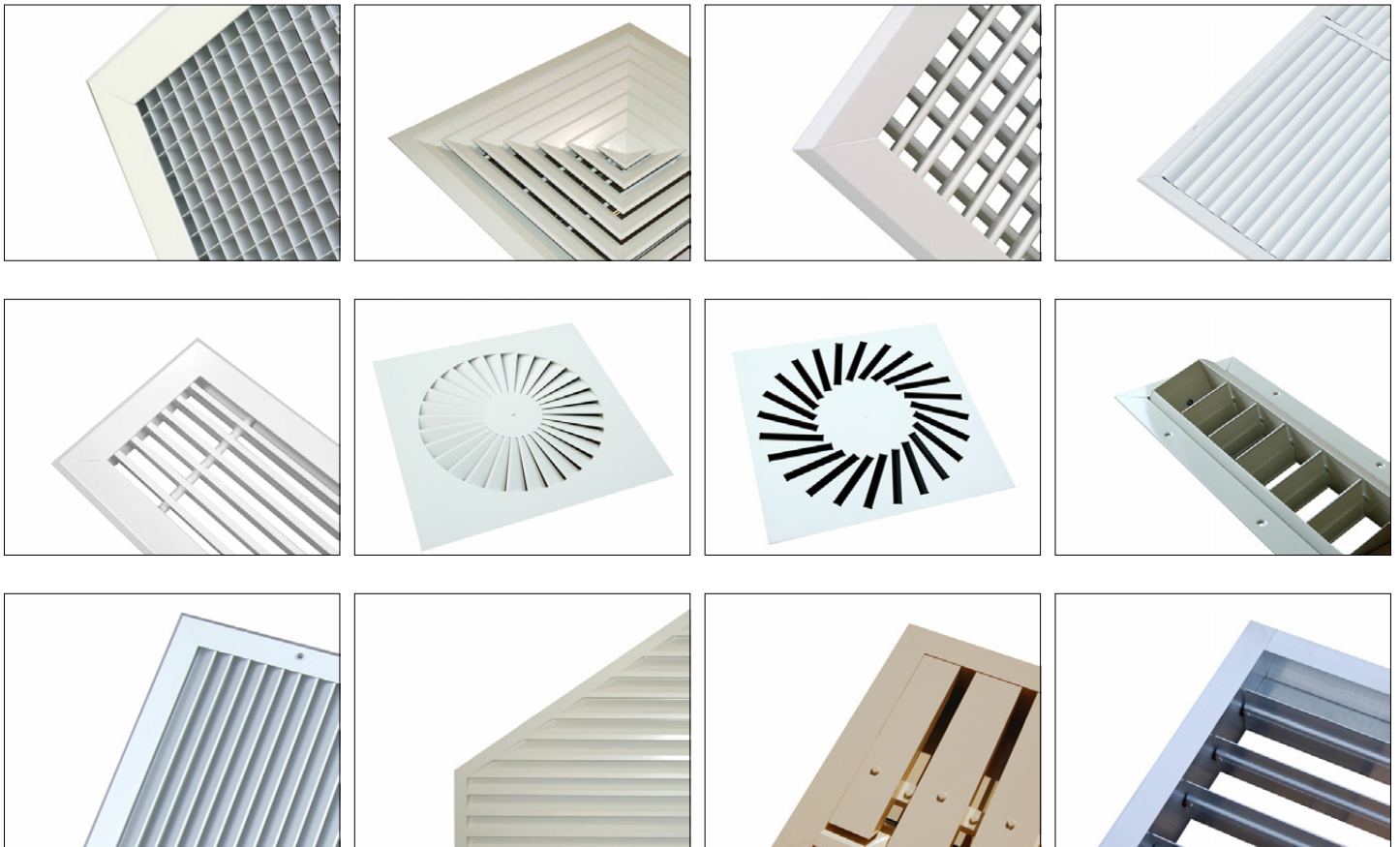
1)	<b>Quantity</b>		
2)	<b>Size (mm)</b>	150 dia 200 dia	150mm nominal size 200mm nominal size
3)	<b>Series</b>	FSW	Floor swirl diffuser
4)	<b>Finish</b>	<i>*nothing*</i> RAL... BS...	Cast aluminium (standard) Polyester powder coated to RAL... Polyester powder coated to BS...

## 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





**HEVAC**

**BSRIA**  
Member



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