



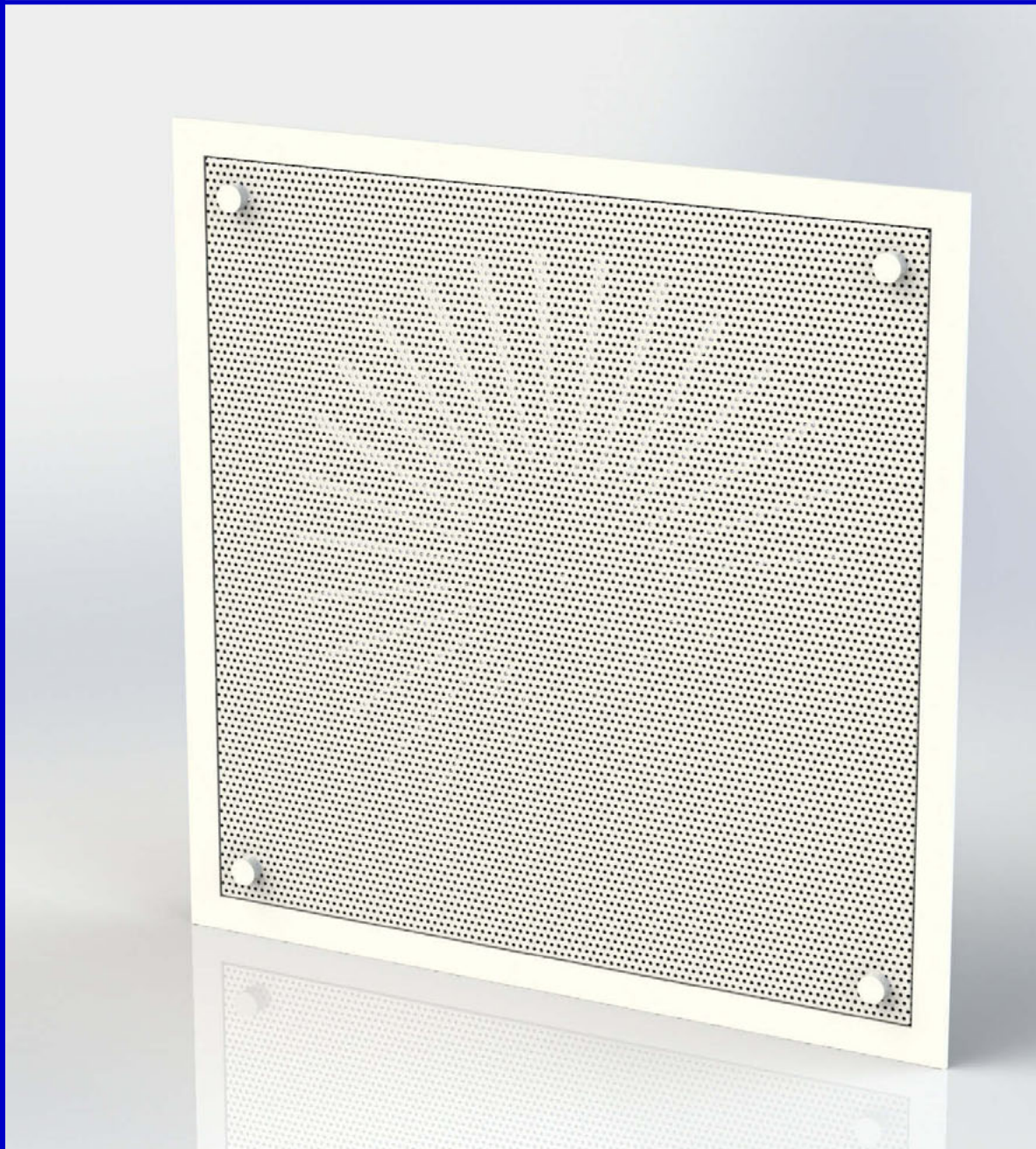
Incorporating



Grilles & Diffusers

Series SWPF Perforated face swirl diffuser

- High performance diffuser with architectural appearance
- Removable perforated fascia plate conceals rear mounted swirl diffuser
- 595mm x 595mm overall tile replacer size with two core diameters
- Stock product for immediate despatch



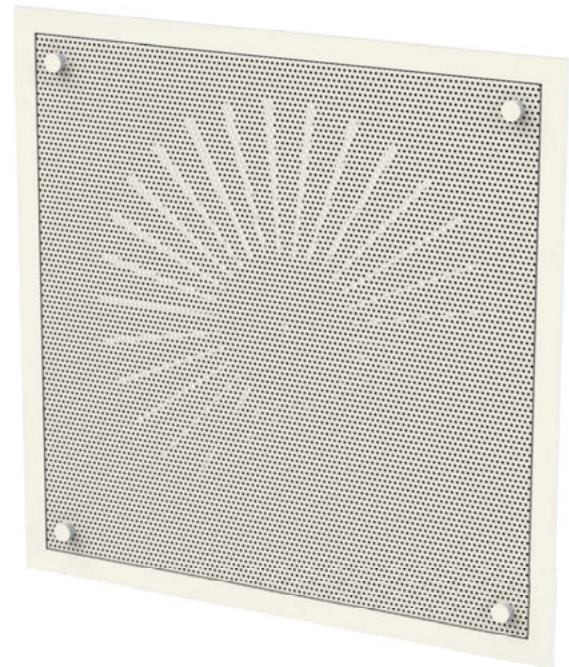
Series SWPF

Series SWPF perforated face swirl diffusers offer the high performance diffusion properties of a swirl diffuser, with the understated appearance of a perforated plate grille.

To enable simple and effective cleaning of the diffuser, the perforated fascia is held into the outer frame through the use of four moulded plastic screws, mating with nut-inserts mounted into the concealed swirl diffuser core.

The screw design, with a 20mm diameter knurled head makes removal by hand simple, with no tools required.

SWPF diffusers are sized 595mm x 595mm overall to suit lay in type ceiling grid systems, with two core diameters available (356mm and 457mm).



Design features

Material	Extruded aluminium outer frame
	Perforated steel core
	Sheet steel swirl diffuser core
Frame	25mm flat
Core sizes	356mm and 457mm diameter
Overall size	595mm x 595mm (tile replacer size for lay in ceiling systems)
Fixings	None
Finish	Standard: RAL9010 matt white outer frame and perforated plate face, matt black concealed swirl diffuser core
	Optional: See page 4
Mass/unit	5.5kg



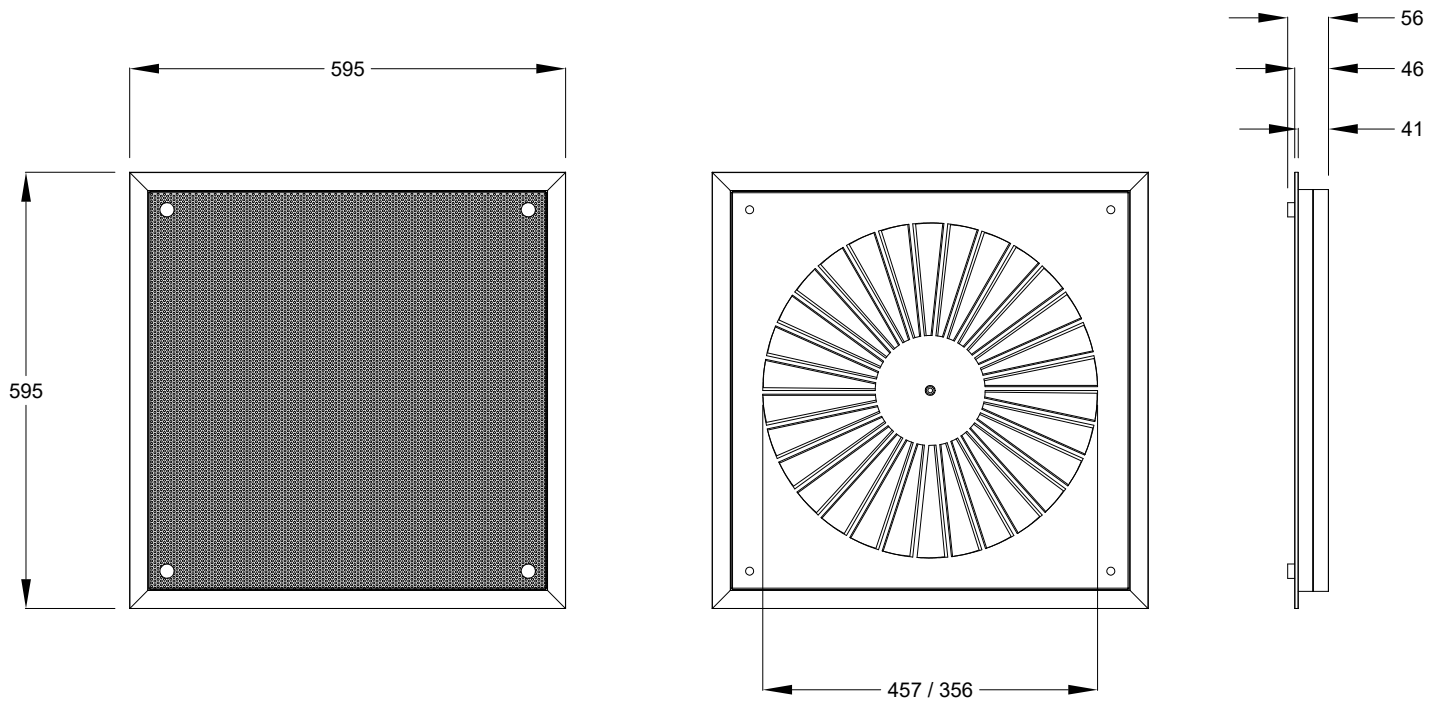
Quality assurance

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



Assessed to ISO 9001
Cert/Ref No. 1186

Technical drawings: SWPF-356 and SWPF-457



Performance data

Series	Volume (l/s)	Throw (m)	Velocity (m/s)	Pressure drop (Pa)	Sound power level (dB)
SWPF-356	85	1.3	1.6	8	25
	110	1.7	2.1	15	33
	140	2.2	2.7	23	40
	165	2.6	3.2	33	45
	195	3.0	3.8	45	49
SWPF-457	110	1.4	1.6	8	26
	140	1.7	2.2	12	32
	165	2.1	2.7	17	37
	195	2.4	3.2	23	41
	225	2.8	3.6	30	44
	250	3.1	4.0	39	47

Finish

RAL9010 matt white held in stock

Polyester powder coating to any RAL or BS colour



Ordering codes

Example

1 - SWPF - 457 Ø - RAL9010

Codes

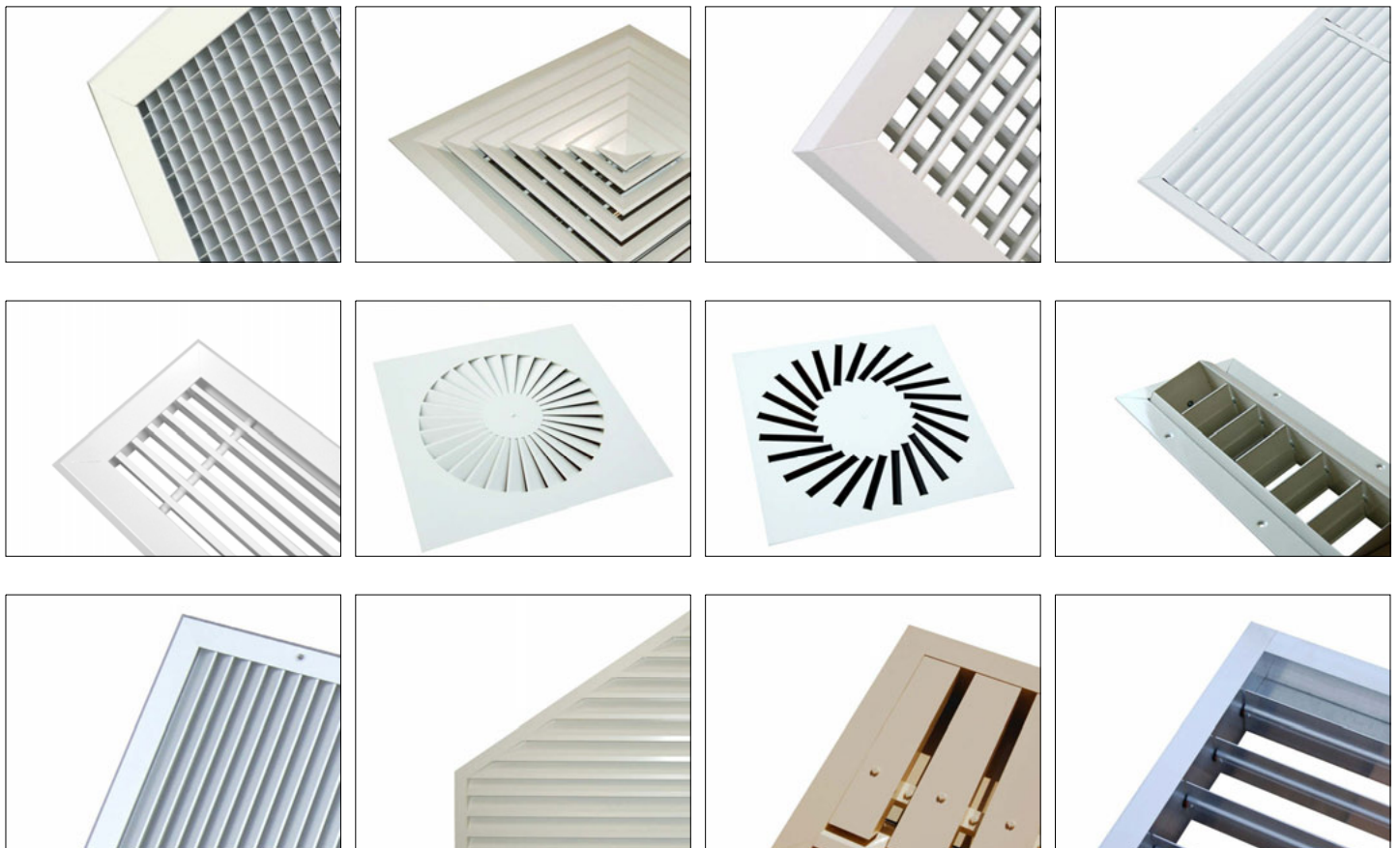
1)	Quantity		
2)	Series	SWPF	Perforated face swirl diffuser
3)	Core diameter	356 Ø 457 Ø	356mm core diameter 457mm core diameter
4)	Finish	RAL... BS...	Polyester powder coated to RAL... Polyester powder coated to BS...

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 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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