



Incorporating



Ancillaries

Series FRPB Fire rated plenum boxes

- Specialist plenum box with integrated intumescent fire damper
- Side and top entry variants
- Galvanised steel construction as standard



Series FRPB

Plenum boxes are one of the basic components of any ventilation system, providing the link between ductwork and terminal.

Fire rated plenums bring further functionality through the use of a 120 minute rated intumescent fire damper, fitted between the spigot and the open side where the grille or diffuser sits.

Supplied with fixing lugs as standard, fire rated boxes should be supported independently of ductwork and ceilings, for example by drop rods from a concrete floor slab above.

Fixing lugs are positioned such that boxes are suitable for ceiling mounting. If boxes are intended to be wall mounted, please discuss this with HVC.

Important note: Fire rated plenum boxes have no formal certification for fire performance.

Fire resistance performance claims stem from the use of a 2 hour rated intumescent fire damper mounted into the plenum in a manner approved by the fire damper manufacturer.



Design features

Material	1.2mm galvanised steel
Construction	CNC press brake folded Any joints spot welded Spigot swaged and fully sealed
Fixings	Standard: Fixing lugs Optional: None
Finish	Bare metal

Quality assurance

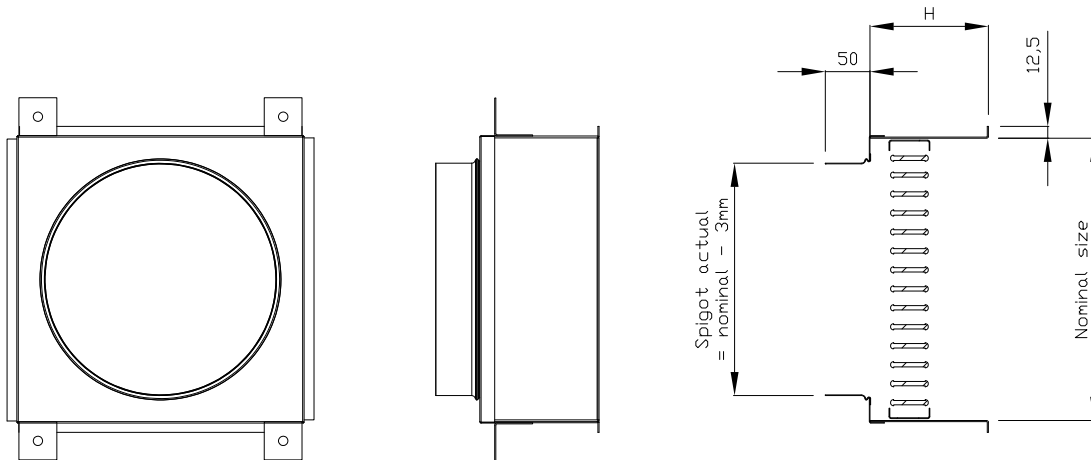
HVC Supplies (Stourbridge) Ltd is an ISO 9001 certified company.



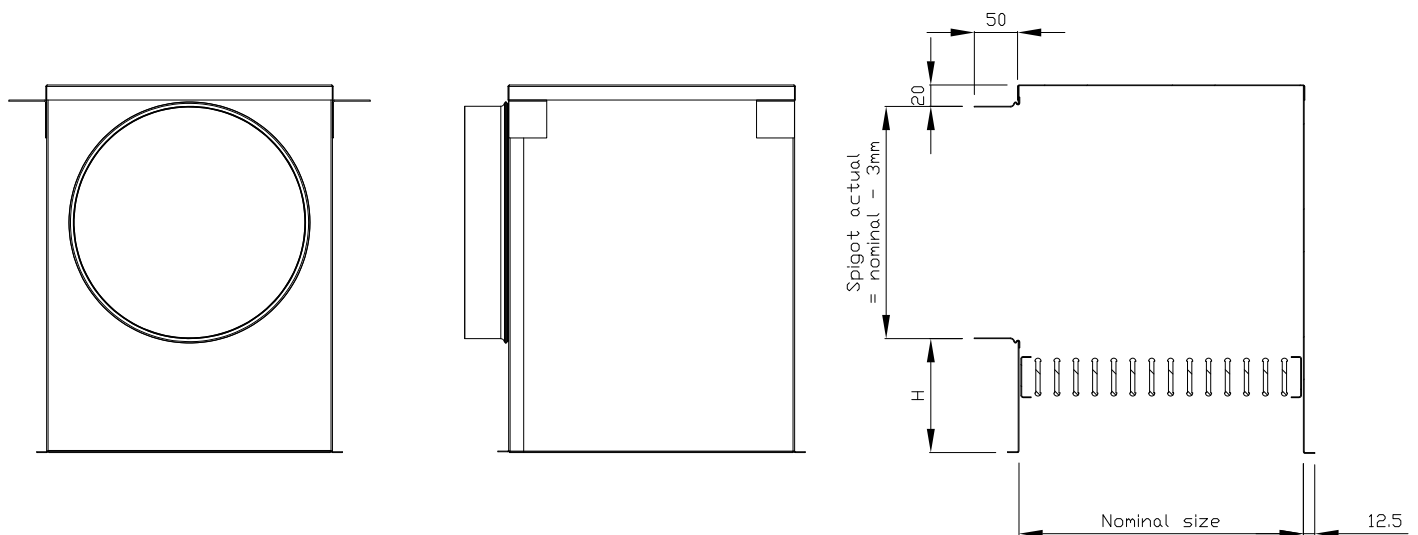
Assessed to ISO 9001
Cert/Ref No. 1186

Technical drawings

FRTEPB - Top entry plenum box



FRSEPB - Side entry plenum box



Fire rated plenum box minimum heights		H (mm)	
		TEPB	SEPB
All series except SW	Without OBD	125	120
	With OBD	175	170
Series SW		210	170

Please note: SEPB height = Dimension 'H' + spigot nominal + 20mm

Finish

Bare metal



Ordering codes

Example

1 - 450 x 450 - FR - SEPB - ECG - 2C x 200 dia - SBD - INS

Codes

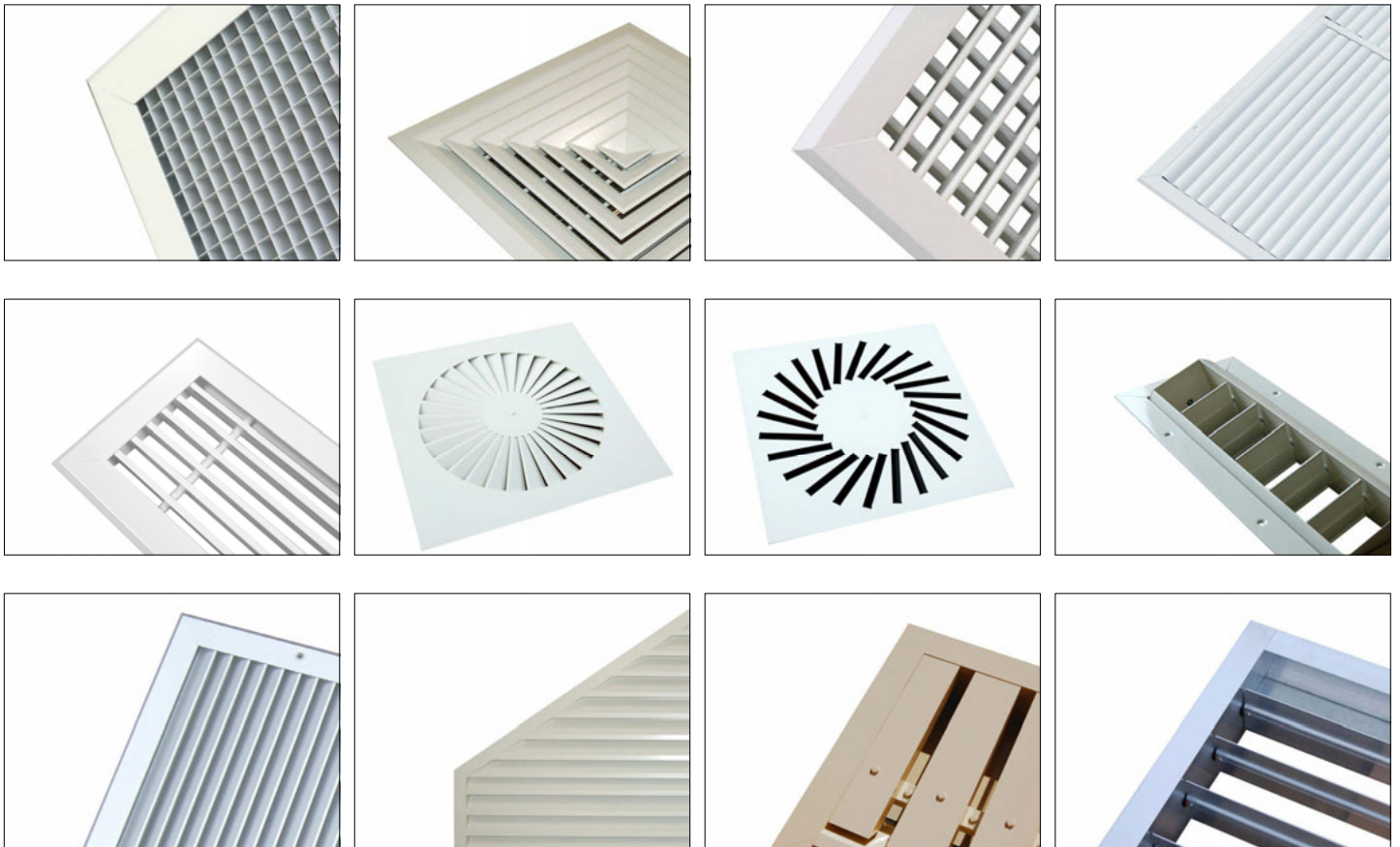
1)	Quantity		
2)	Size (mm)	(Width x height)	Nominal size of grille/diffuser/louvre the box is to be used with
3)	Series	FR - SEPB FR - TEPB	Side entry plenum box - Fire rated Top entry plenum box - Fire rated
4)	To suit series		State the grille/diffuser/louvre series the box is to be used with
5)	Number of spigots	1 2C 2OP	1 spigot 2 spigots, adjacent sides (SEPB only) 2 spigots, opposite sides (SEPB only)
6)	Spigot size	(Width x height) or (diameter)	State required width x height State required diameter
7)	Volume control damper	SBD	Single blade damper mounted in the spigot/s

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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