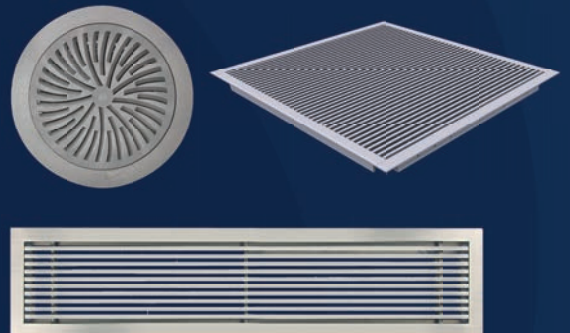


Catalogue

air diffusion Floor Solutions



Model TAFR/BZD/SZD Floor Swirls
Model FG/F20/F25 Linear Floor Grilles
Model CDA Panel Floor Grille



Swegon R&D Academy

Our research and development academy at Whitstable provides state of the art facilities for testing a complete range of products. It was designed in accordance with BSRIA recommendations and benefits from third party annual assessment. It has a well equipped demonstration area where tests can be witnessed by contractors, consultants and end clients. Third part witnessing by BSRIA is available if required.

The test facility is fitted with the latest equipment and exceeds the requirements of BS EN 12238:2001 (for air terminal devices aerodynamic testing and rating for mixed flow applications) with a test room size of 7.5m long x 5.6m wide x 2.8m high.

Ceiling heights and floor voids can also be adjustable depending on the test regime required.

A purpose designed air handling system is able to supply conditioned air across a wide temperature range in both heating and cooling modes with volumes up to the equivalent of 20 air changes per hour being available.

Sophisticated measuring and logging equipment is able to monitor air volumes, velocities, pressures and temperatures as well as airflow pattern visualisation via the use of smoke generation within the test laboratory.



Contents

Model TAFR Circular Floor Swirl	3
Model BZD Circular Floor Swirl	6
Model SZD Staircase Riser Diffuser	12
Model FG Floor Grille	14
Model F20/25 Floor Grille	16
Model CDA Heavy Duty Floor Grille	20

Model TAFR Overview

TAFR Circular Swirl Diffusers are manufactured from high impact polycarbonate material, suitable for applications requiring high induction air distribution.



Core/Dirt basket and hit/ and miss damper for controlling air volume through the diffuser face.

Model TAFR Description

The model TAFR incorporates both form and function into its design. The diffuser face possesses a series of curved slots, which provides a high induction helical air pattern, yet results in an astonishingly low plenum pressure, making it ideal for most applications using pressurised under floor air distribution systems.

Cleverly incorporated into the design is a manual air volume damper, which is easily adjusted by simply rotating the diffuser face. An optional motorised volume control damper is available which will allow the unit to be controlled locally by a thermostat or via a BMS system.

As an option each diffuser is supplied with M4 grub screws as a damper locking screw. Visual status of the damper position is via the external open/close indicator coupled with the internal open/close stop. There is no need to remove the diffuser face, a unique feature only found in the model TAFR.

Each diffuser also includes a dirt/dust collection receptacle, which is easily removed for cleaning.

Construction

The model TAFR is constructed from durable high impact polycarbonate material and is manufactured to comply with UL 94-5V standard for flammability and smoke.

Dimension and Finish

The diffuser is supplied in a standard nominal size of 200mm diameter and is available in two standard colour finishes: black or grey.

Additional colours are available (dependent on the quantity required).

Model TAFR Performance

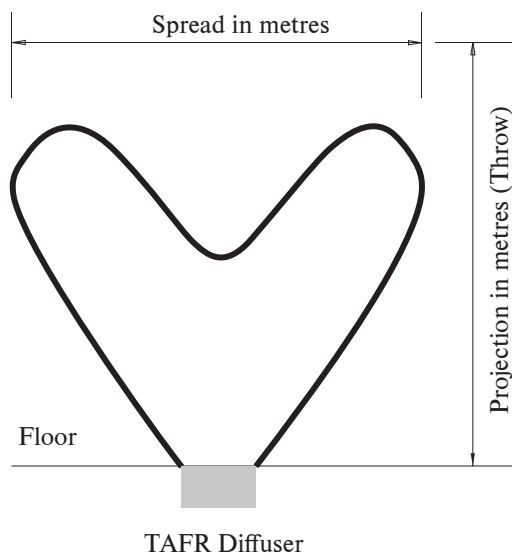
	Airflow l/s	25	29	33	36	39	42	44	47	48	51
200 Dia	Plenum pressure, Pa	8	10	12	15	17	20	22	25	27	30
	NC (Noise Criteria)	-	-	10	12	14	16	17	19	20	21
6 ° ΔT	Projection, m., 0.75, 0.50, 0.25 m/s	0.36-0.54-0.97	0.42-0.64-1.04	0.48-0.70-1.12	0.51-0.76-1.15	0.54-0.85-1.21	0.61-0.88-1.24	0.64-0.91-1.28	0.67-0.94-1.34	0.70-0.97-1.37	0.73-0.97-1.40
	Spread, m., @ 0.50 - 0.25 m/s	0.76	0.85	0.97	1.06	1.15	1.21	1.31	1.37	1.46	1.52

Performance notes:

NC values are based on Octave bands 2-7. Sound power levels minus a room absorption of 10 dB.

Dash (-) in space denotes NC value of less than 10.

Projection is the upward distance from the floor to the top of the diffuser airflow jet for terminal velocities (Vt) of 0.75, 0.50 and 0.25 m/s, with cooling in metres. Spread is the total width of the airflow jet terminal velocity of 0.25 m/s.



Load Capacity.

Rupture load = 6kN Over 25mm X 25mm area (EN 13264:2001)

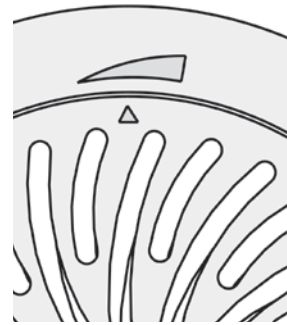
Model TAFR Installation

Standard Installation Method

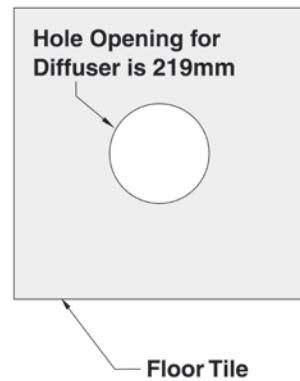
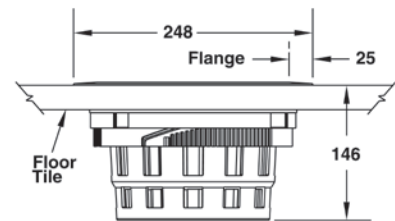
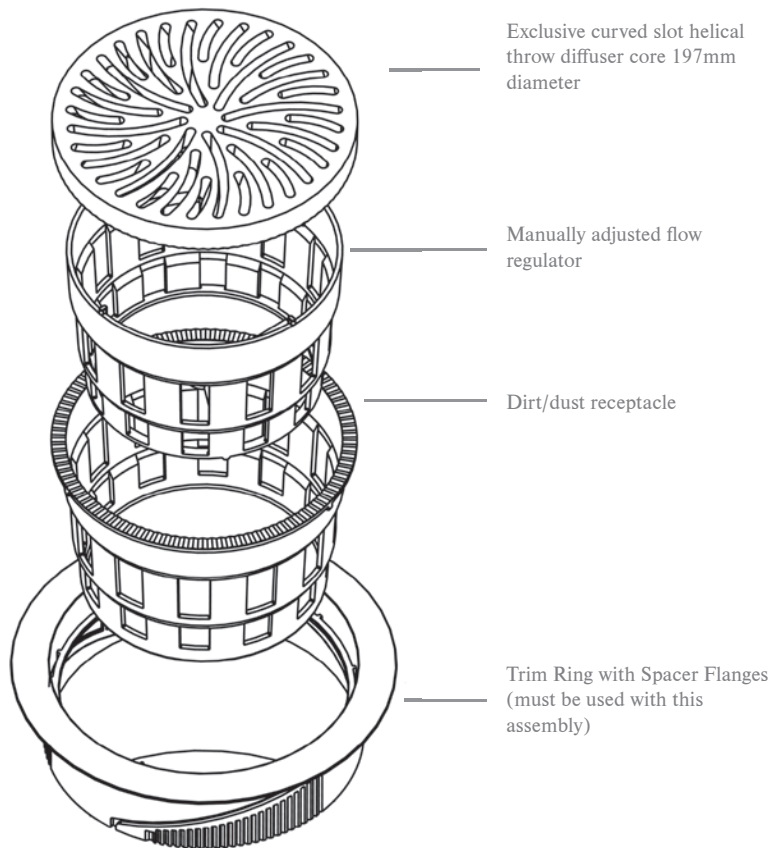
Floor panel installation into a prepared opening is by spring clips. The extra wide flange is to prevent carpet pulling away from the diffuser edge.

The diffuser may be installed after the flooring or carpet fitting is complete.

Relocation of the diffuser to another area is simply carried out by moving the diffuser from the floor panel.



Open / Close indicator is raised from the trim ring and diffuser core.



Model TAFR Ordering

<p>Model and Finish TAFR TAFR</p>	<p>Fixing Spring Clip</p>	<p>Colour Black Black or Grey</p>	<p>Size 200mm 200mm diameter (one size only)</p>
--	--------------------------------------	--	---

Important Note: All orders must be addressed to Swegon Air Management Limited.
Note: Balancing damper supplied as standard

Model BZD Overview

Circular Swirl Diffuser, with a perforated steel front plate, incorporating a secondary swirl device and suitable for most floor applications.



Model BZD Description

The BZD is a circular swirl diffuser that can be mounted flush with the floor and be used from low to average temperature differences between supply air and room air.

The diffuser can be used for cooling and heating with a maximum temperature difference of approximately 6K.

Two types of floor diffusers BZD 200 are available:

BZD

Diffuser for light load (1.5 kN), e.g. underneath permanently fixed seats in cinemas, theatres and concert halls. The supply grille, which is the perforated top element of the diffuser, is manufactured from stainless steel (BZD-E).

BZD + BG

Incorporates reinforcement for heavy duty (1.5 kN) (»domestic« according to the European standard for static loading criterias) in open floor areas.

Function

The supply air is discharged from the diffuser in eight swirling jets, which flow along the floor.

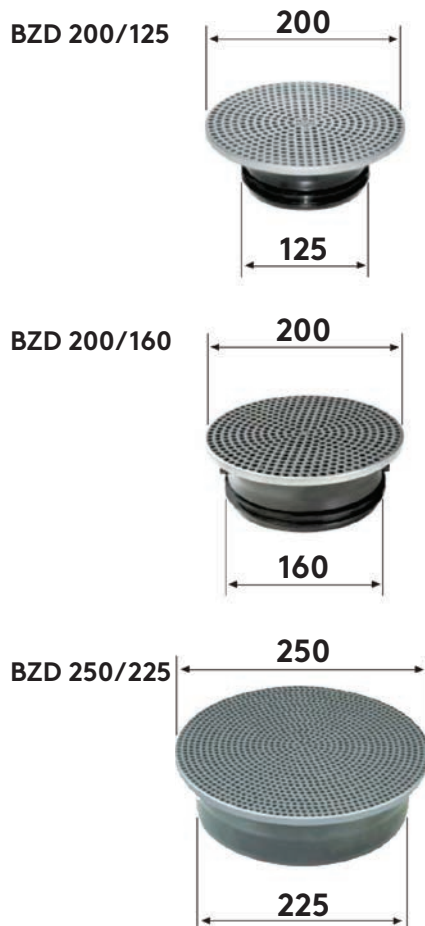
The air movement is distinguished by a low air velocity without draughts.

The primary induction at the centre point of the diffuser already reduces the temperature difference between supply air and room air as the air is discharged from the diffuser. This primary induction enables the diffuser to operate at a higher temperature difference than is normally possible in the case of floor diffusers.

Dimensions BZD 200

Component	Dimension BZD (mm)	
	200/125	200/160
D	198	198
C	123	158
D1	130	165
h	90	125
d	150	170

Sizes

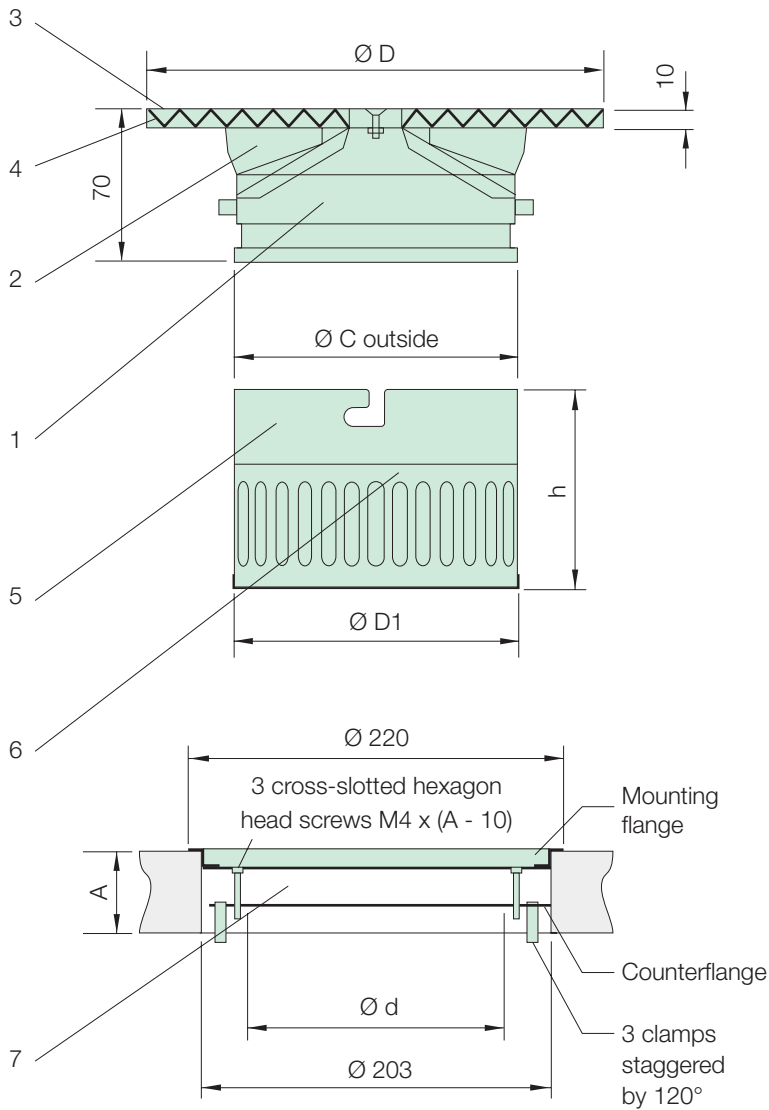


Model BZD Overview

BZD 200

Construction

The diffuser BZD 200 consists of inlet spigot (1) with integral swirl diffuser (2). The perforated top element is manufactured from stainless steel (3) and is fitted above the swirl diffuser. The heavy duty type incorporates reinforcement (4). The dirt trap manufactured from steel (5) together with the internal control damper can be fastened to the inlet spigot by means of a bayonet lock.



Components



Non-reinforced diffuser

BZD-E (perforated top element of the diffuser manufactured from stainless steel)

Reinforced diffuser
BZS-E+BG



Dirt trap
SF



Damper ring
D



Back plate
MB



Back plate with floor clamps
MR



Plenum box
AK

Model BZD Overview

BZD 250/225

Construction and Dimensions

The construction of size 250 is similar to size 200. However, the dirt trap is fastened to the diffuser with a centre screw.

Size 250 has a one-piece back plate with three clamping screws fastened to the floor tile.

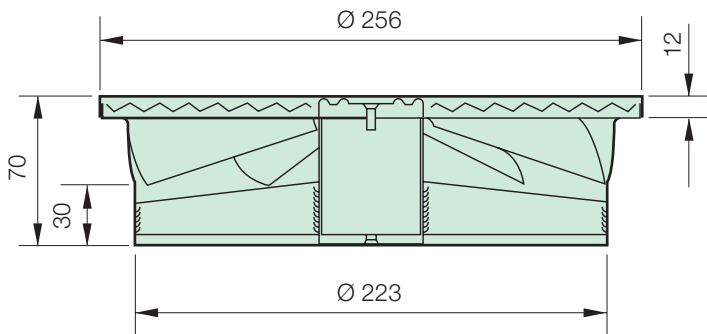
Custom-made mounting frames are available for special installation situations.

Design and Surface Treatment

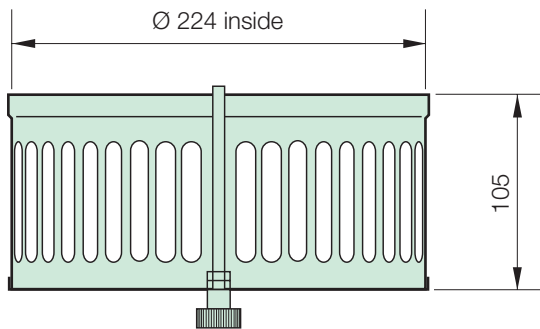
The supply grille, which is the perforated top element of the diffuser, is either powder coated or manufactured from stainless steel (standard).

The stainless steel surface can be rolled or treated with glass beads.

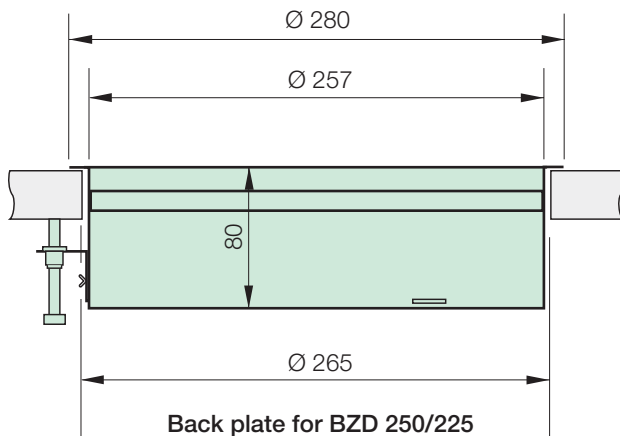
The perforation of the supply grille can be either 4.5mm or 5.5mm in diameter.



Floor diffuser BZD 250/225



Dirt trap for BZD 250/225



Back plate for BZD 250/225



4.5mm perforated face with clamp fastening at the side



5.5mm perforated face with centre screw, rolled stainless steel surface

Model BZD Performance

Functional Diagram

To represent the function of the Type BZD floor diffusers, Figures 1 and 2 show the vertical sections for the temperature and velocity distribution for the diffuser BZD 200/125 by calculating the flow simulation. Volume flow: 17 l/s. Temperature difference supply air/room air: 3 K for cooling.

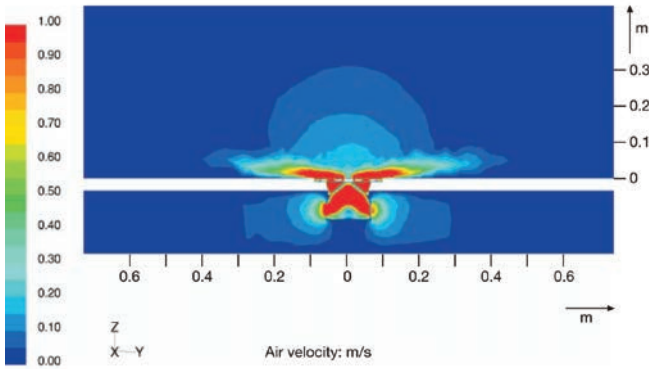


Fig. 1. Vertical section of velocity distribution - BZD 200/125
Volume flow: 17 l/s - Temperature difference: 3 K for cooling.

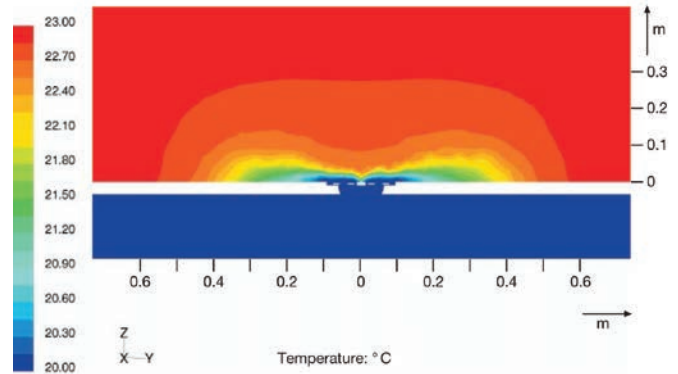


Fig. 2. Vertical section of temperature distribution - BZD 200/125
Volume flow: 17 l/s - Temperature difference: 3 K for cooling.

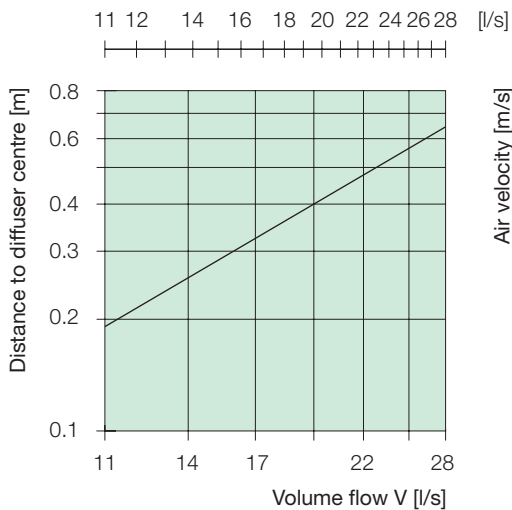


Fig. 3.

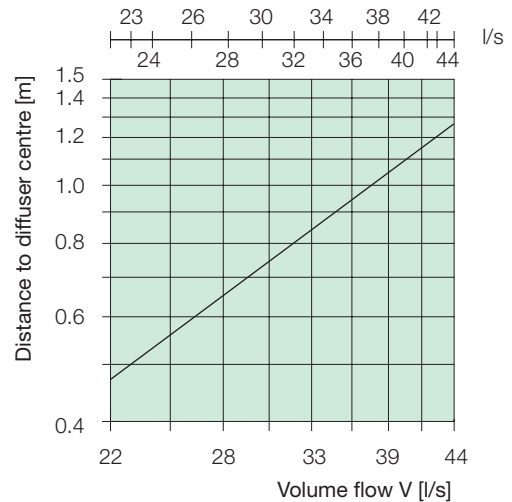


Fig. 4.

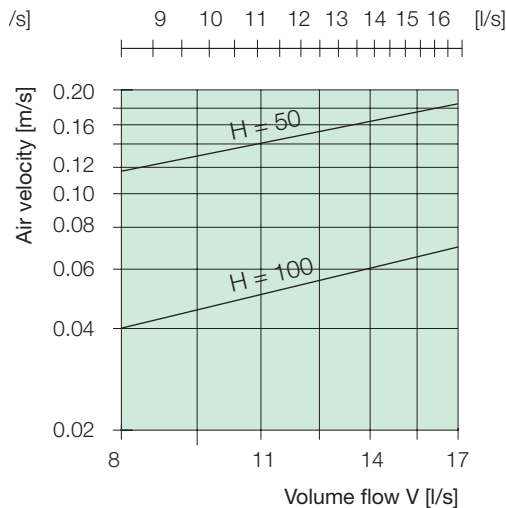


Fig. 5.

Air Velocities

The swirling jets of the discharged supply air right above the floor causes a quick reduction of air velocity in the horizontal plain. The maximum air velocities are at a height of 50mm.

Fig. 3 and Fig. 4 show for BZD 200 and BZD 250 the distance, up to which the air velocity at a height of 50mm is decreased to 0.2 m/s. The values are valid for cooling with 3 K.

Fig. 5. Local air velocities for BZD 200 at a distance of 450 mm to the centre of the diffuser for volume flows from 8 - 17 l/s with also 3 K for cooling.

Model BZD Performance

Decrease in Temperature Difference

Fig. 6. Shows the rapid reduction in temperature difference and percentage decrease of supply air/room air for BZD 200 for volume flows between 11 and 22 l/s across the distance from the centre of the diffuser. The values are valid for temperature difference between 2 and 4 K.

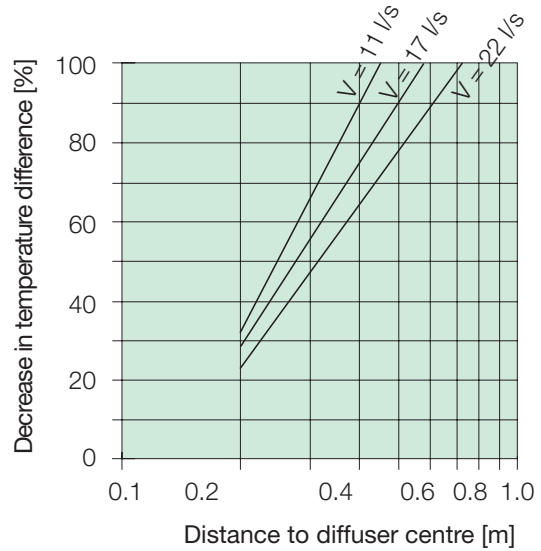


Fig. 6.

Noise Level and Pressure Loss

The noise level in NR Lw and pressure loss in Pa are shown in Figures 7 to 9.

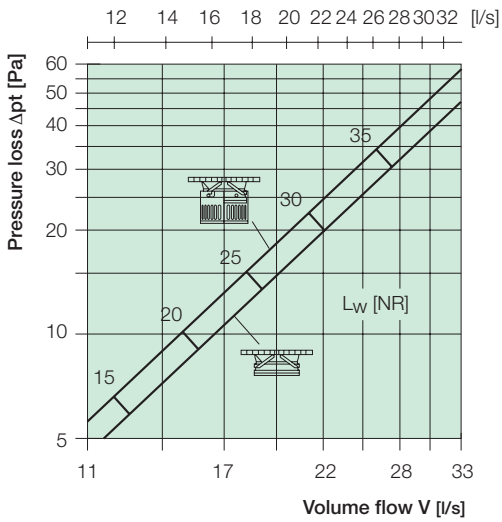


Fig. 7.
BZD 200/125, pressure loss and noise level.

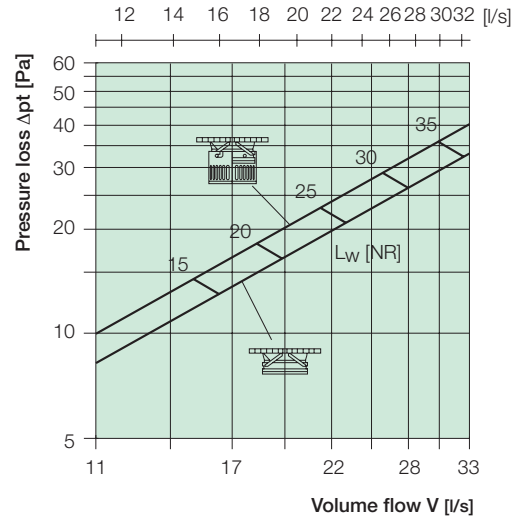


Fig. 8.
BZD 200/160, pressure loss and noise level.

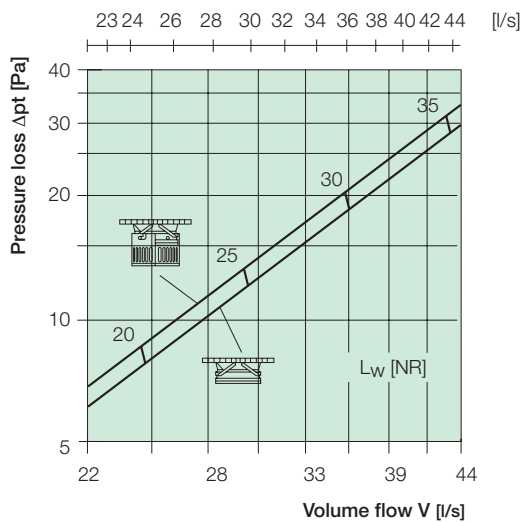
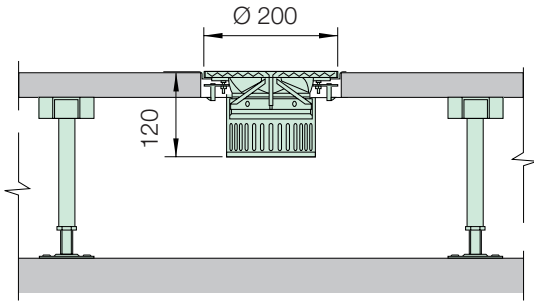
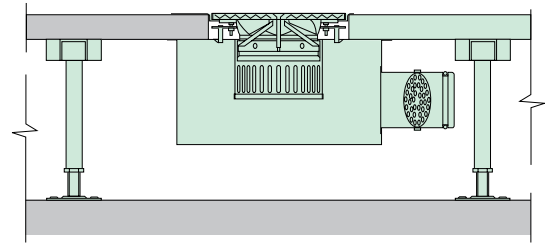


Fig. 9.
BZD 250/225, pressure loss and noise level.

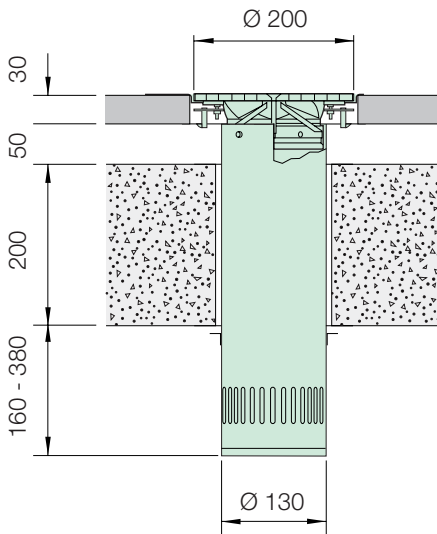
Model BZD Installation



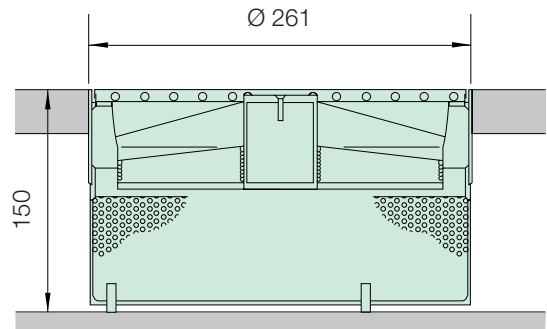
Installation into raised floors: air supply via raised floor plenum.



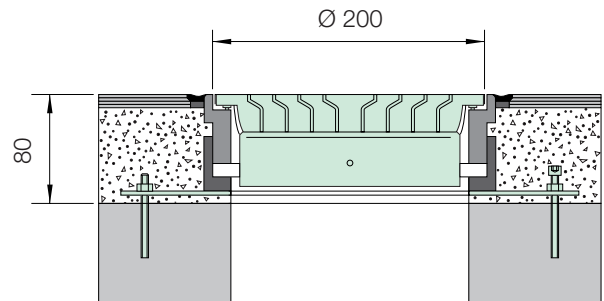
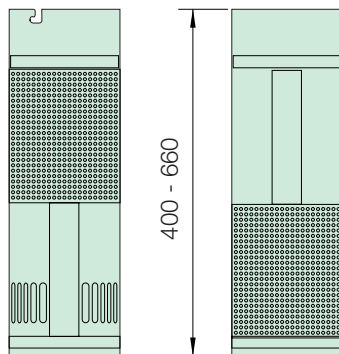
Installation into raised floors: air supply via individual connection with plenum box.



Special BZD with long dirt trap and acoustic chamber.



Special BZD 250 for a low noise level with special mounting frame.



Special BZD for heavy duty and low noise level with special mounting frame.

Model BZD Ordering

Model and Finish BZD-E	Fixing Central Screw	Accessories SF and D	Size
BZD-E - Perforated plate in stainless steel	Fastening via central screw clamp fastening using rim	BG - Reinforcement for light load (domestic) MB - Back plate SF - Dirt trap D - Damper ring MR - Back plate with wall clamps AK - Plenum box	200/160 200/125 200/160 250/225

Important Note: All orders must be addressed to Swegon Air Management Limited

Model SZD Overview

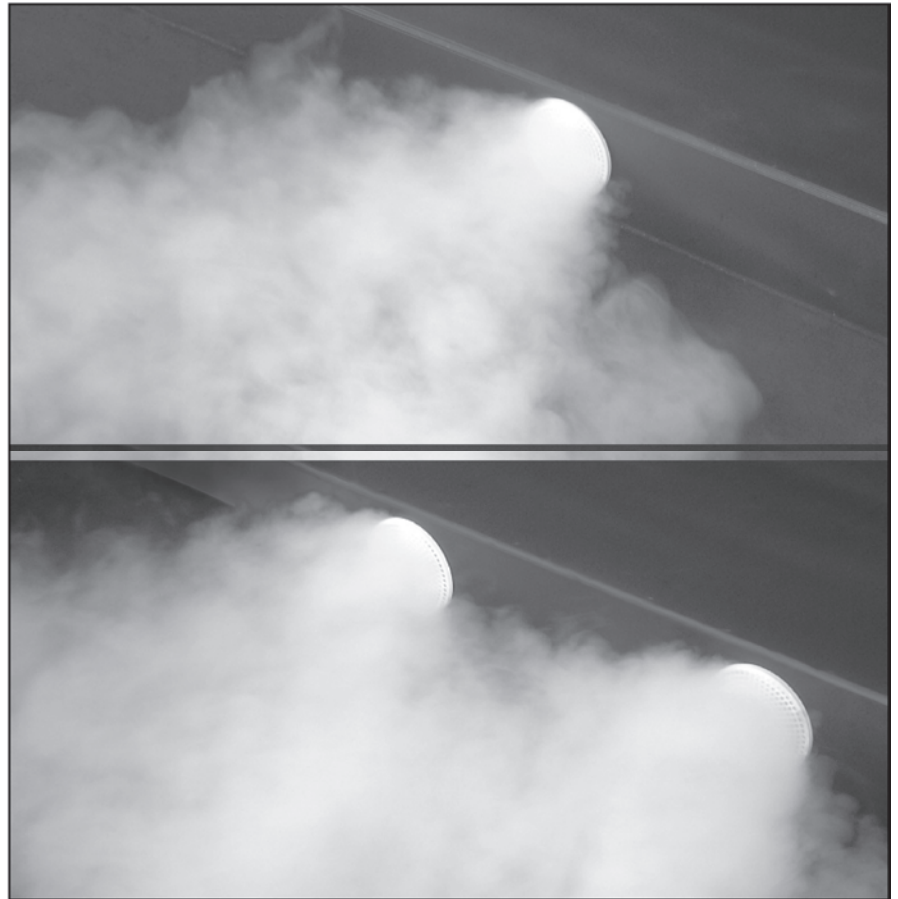
SZD Staircase Riser Circular Diffusers are manufactured with a perforated steel front plate and connecting spigot suitable for most low sidewall/step applications.

Model SZD Description

The staircase diffuser SZD is designed for draught-free introduction of supply air into cinemas, theatres, lecture halls and other assembly rooms. It is vertically mounted into the steps and introduces the supply air near to the ground. The staircase diffuser SZD 125 is used for volume flow rates from 6 to 11 l/s with temperature differences between supply air and room air of up to ± 6 K.

Construction

The visible part of the staircase diffuser is a round (or square) perforated plate, behind which the diffuser with 8 blades (2) and inlet spigot (3) is located. The perforated plate (4) is used as flow straightener as well as a variable flow controller.



Function

The swirling jets leave the diffuser with radial action and flow towards the floor. The air velocity and temperature difference is rapidly reduced. This guarantees draught-free conditions at a short distance between the diffuser and legs of the audience.

Mounting

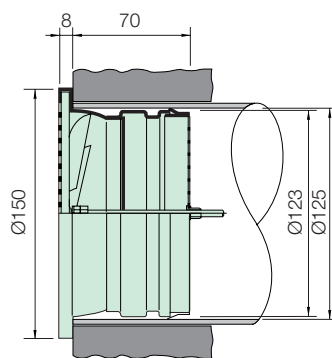
Two types of installation are possible:

SZD 125F Front mounting

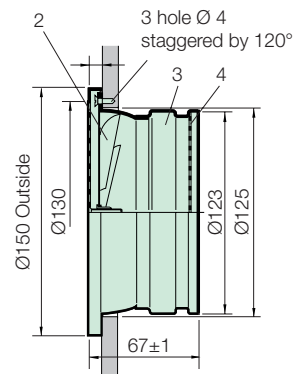
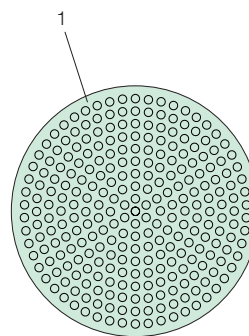
The diffuser is screw fixed to the front side of the step and is then fastened to the diffuser perforated plate.

SZD 125R Insertion into ductwork

The entire diffuser is inserted into a duct having an inside diameter of 125mm and fastened by tightening the middle screw. This enables an easy, quick and extremely inexpensive mounting procedure.



Insertion into ductwork: SZD 125 R



Front mounting: SZD 125 F

Model SZD Performance

Velocity Profile vs. Supply Flow Rate

The staircase diffuser type SZD is usually used with a volume flow between 5 and 11 l/s. Figure 1 shows the velocity profile of 0.2 m/s for 6, 8, 11 l/s at a temperature difference of 3 K (cooling) between supply air and room air at a height of 100mm.

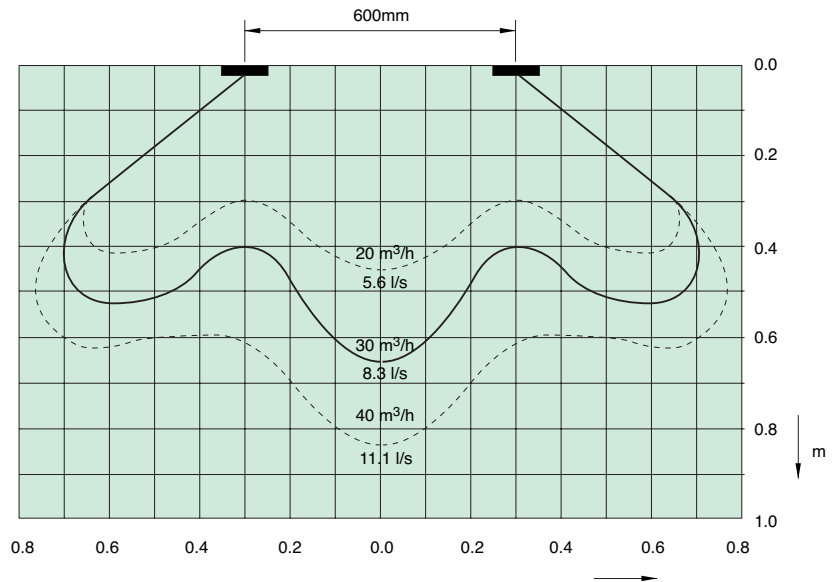


Fig.1

Pressure Loss and Noise Level

Figure 2 shows the pressure loss and noise level for the individual diffuser against volume flow. The diffuser resistance can be varied without affecting the noise level by changing the free air of the perforated plate.

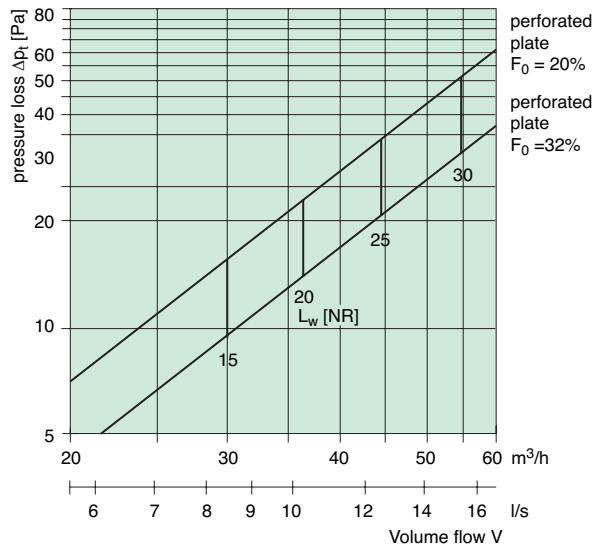


Fig.2

Model SZD Ordering

Model SZD SZD- Standard stair riser consisting of a perforated front plate, base plate having punched swirl vanes and an inlet spigot of 125mm diameter.	Finish White (RAL9010) Standard finish is powder coat white to RAL9010	Fixing Duct Mounting (Type R) Fastened to duct using diffuser spigot Front fastening using spigot screws	Size 125 125
--	--	---	------------------------------------

Important Note: All orders must be addressed to Swegon Air Management Limited

Model FG Overview



Description

The model FG linear floor grille is designed to be installed in recessed openings. Constructed from aluminium extrusions using a 6.5mm blade on a 13.5mm pitch with a flangeless border having a fixed core as standard or optional removable core. The Model FGL has a light duty inner blade whilst the Model FGI includes an 'I' Beam inner blade for added strength. Model FG can be used on either supply or extract systems and may be fitted with an optional opposed blade damper.

Finish

Standard finish is brushed aluminium. Options include nylon coating to a standard RAL colour.

Dimensions

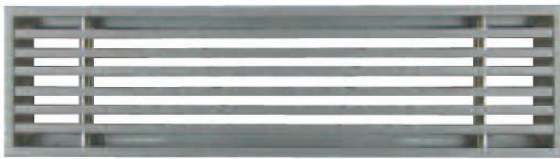
Supplied as a single section to a maximum nominal length of 1800mm and up to a maximum overall width of 300mm. To form a continuous run, individual sections are supplied for bolting together on site, by others.

Standard Installation Method

For recessed installation, into prepared openings, by others.

Model Types

Model FGL-G-O with a fixed core.



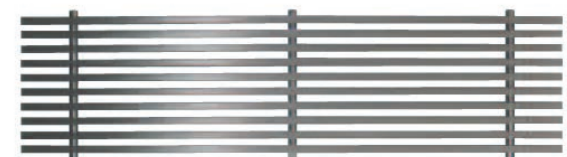
Front View



Rear View

Model FGL-R-O with a fixed core and complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model FGL-G-RC with a removable core (as shown).



Shown with core removed

Model FGL-R-RC with a removable core and complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model FGI is supplied as a fixed core.



Front View



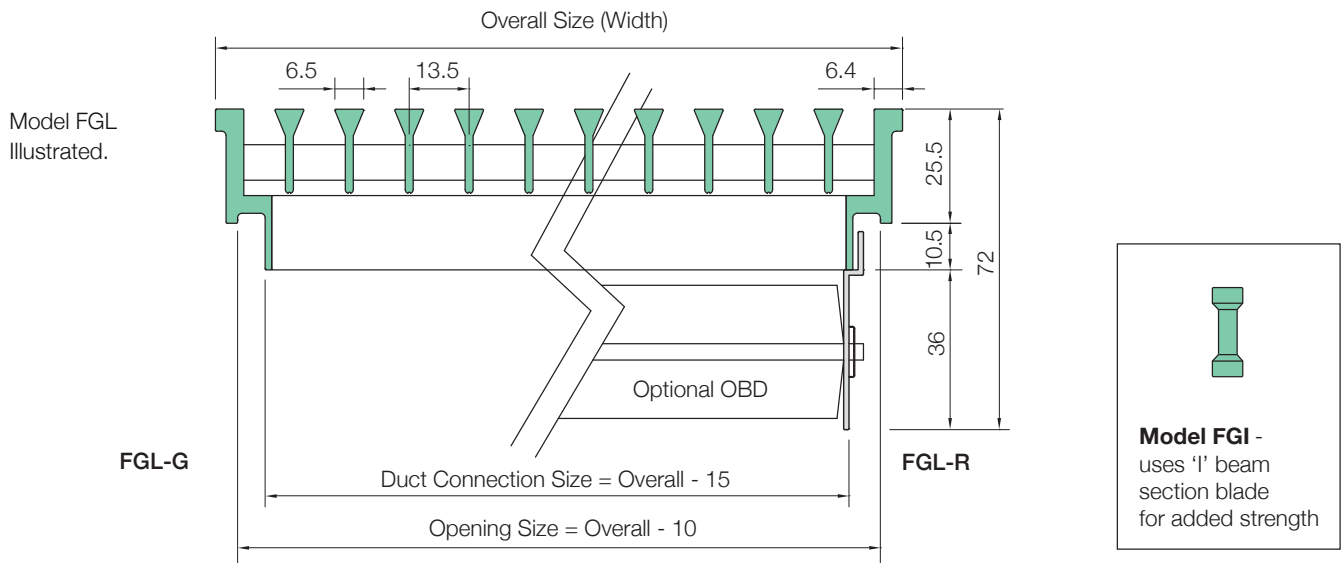
Rear View

Model FGI-R complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model FGI-G-RC with a removable core.

Model FGI-R-RC with a removable core and complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model FG Performance



Performance Table (Linear)

Model Width mm	Volume i/s/m	Duct Velocity m/s	Free Area Velocity m/s	Throw m	Total Pressure Pa	Sound Power NRLW
100	45	0.5	1.1	0.6	3	-
	90	1.0	2.2	1.8	8	22
	135	1.5	3.3	3.0	16	28
150	65	0.5	1.0	0.8	3	-
	130	1.0	2.0	2.4	7	24
	195	1.5	3.0	4.4	15	30
200	90	0.5	1.0	1.1	3	-
	180	1.0	2.0	3.0	7	25
	270	1.5	3.0	5.0	15	32
250	115	0.5	1.0	1.3	3	-
	230	1.0	2.0	3.7	7	25
	287	1.25	2.5	4.8	10	28
300	140	0.5	1.0	1.5	3	-
	280	1.0	2.0	4.5	7	26
	350	1.25	2.5	5.6	10	30

Note: All throws are based on 10 °C cooling.

Model FG Ordering

Model Type FGL	Damper R	Core O	Fixed FO	Finish 5	Size (nom length x overall width) 1800 x 150mm
FGL - Linear Floor Grille. 6.5mm Recessed Frame.	G - No Damper R - With Opposed Blade Damper	O - Standard Fixed Core RC - Removable Core	FO - No Fixing F4 - Rear Fixing Strap	5 - Brushed Aluminium (Standard) For Special Finishes please refer to our Technical Sales Office	Maximum one piece length 1800mm Minimum overall width 50mm without OBD, 100mm with OBD. Maximum overall width 300mm. (Other sizes to special order)
FGI - Linear Floor Grille. 6.5mm Recessed Frame		Note: It is important to state whether "Lay In" or "Dualok" method is required for removable core.			

Important Note: All orders must be addressed to Swegon Air Management Limited.

Models F20/F25 Overview

Description

Model F20 and F25 flanged linear bar floor grille. Constructed from aluminium extrusions using a 6.5mm blade on a 13.5mm pitch with either a 20mm or 25mm wide flange border having a fixed core as standard or optional removable core. The Models F20L and F25L have a lighter duty inner blade as standard, whilst the Models F20I and F25I include an 'I' beam inner blade for added strength. Model F20 and F25 can be used on either supply or extract systems and may be fitted with an optional opposed bladed damper.

To make provision for cable entry into the occupied space via the floor void, an integral brush section can be fitted to the Models F20 and F25. The brushes allow the cables to pass through and form a seal around the cable.

The brush sections can be manufactured to dimensions to suit the application. Opposed blade dampers are only fitted to active sections of grille.

Finish

Standard finish is brushed aluminium. Options include nylon coating to a standard RAL colour.

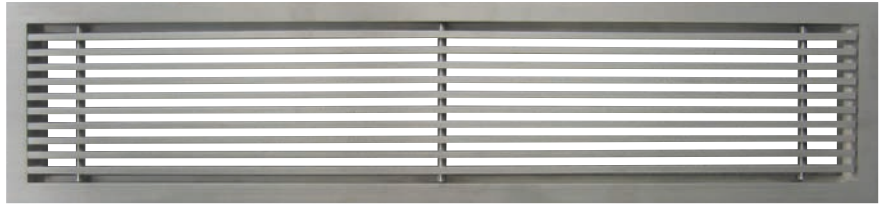
Dimensions

Supplied as a single section to a maximum nominal length of 1800mm and up to a maximum nominal width of 300mm.

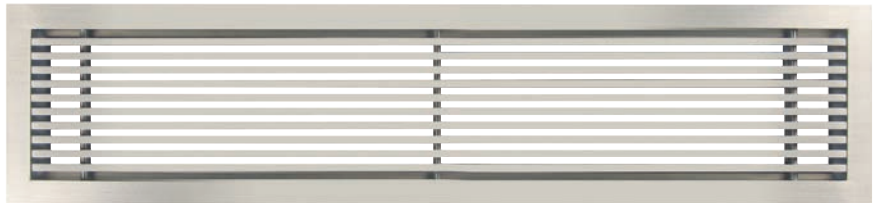
To form a continuous run, individual sections are supplied for bolting together on site, by others.

Standard Installation Method

For installation, by others, into prepared openings. If additional fixing details are required please contact our technical sales office.



Model F20L

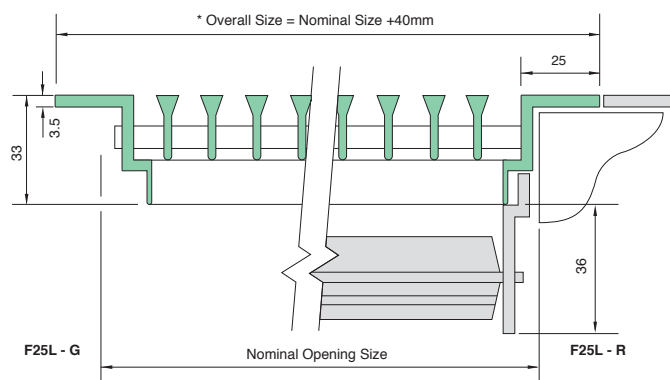
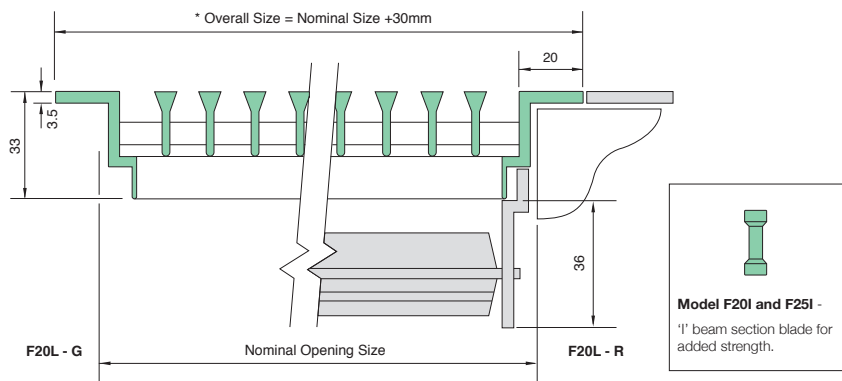


Model F25L



Model F25I

Dimensional Information



Models F20/F25 Overview

Model Types

Model F20L-G-O is supplied as a 20mm Wide Flanged, Fixed Core, grille only.



Front view

Model F20L-R-O is supplied as a 20mm Wide Flanged, Fixed Core, complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model F20L-G-RC is supplied as a 20mm Wide Flanged, Removable Core, grille only.



Shown with core removed

Model F20L-R-RC is supplied as a 20mm Wide Flanged, Removable Core, complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model F20I-G-O is supplied as a 20mm Wide Flanged, Fixed Core, grille only.

Model F20I-R-RC is supplied as a 20mm Wide Flanged, Removable Core, complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model F20I-G-RC is supplied as a 20mm Wide Flanged, Removable Core, grille only.

Model F25L-G-O is supplied as a 25mm Wide Flanged, Fixed Core, grille only.



Front view

Model F25L-R-O is supplied as a 25mm Wide Flanged, Fixed Core, Light duty grille, complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model F25L-G-RC is supplied as a 25mm Wide Flanged, Removable core grille only.

Model F25L-R-RC is supplied as a 25mm Wide Flanged, Removable Core, complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model F25I-G-O is supplied as a 25mm Wide Flanged, Fixed Core, grille only.

Model F25I-R-RC is supplied as a 25mm Wide Flanged, Removable Core, complete with an aluminium opposed blade damper, which is adjusted through the grille core.

Model F25I-G-RC is supplied as a 25mm Wide Flanged, Removable Core, grille only.

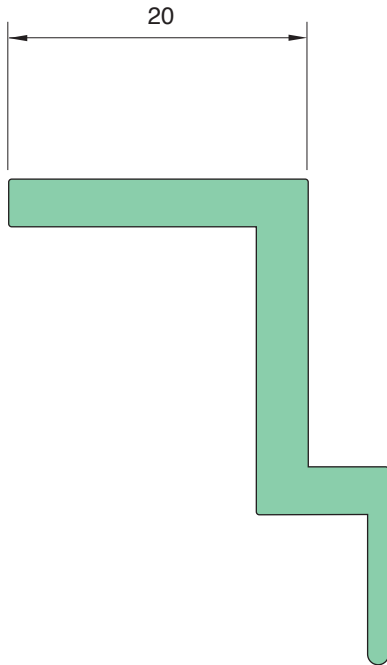


Shown with the core removed

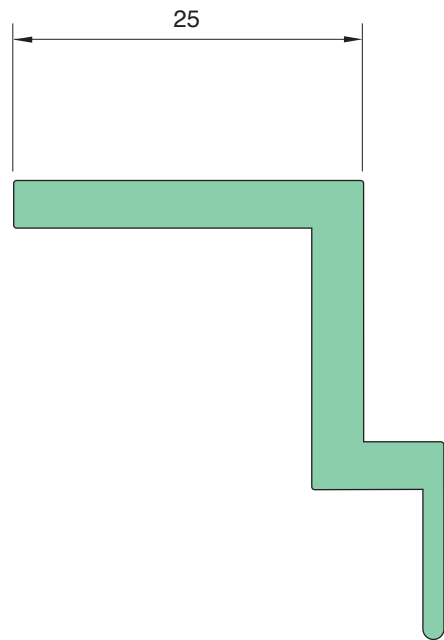
Models F20/F25 Overview

Flange Styles

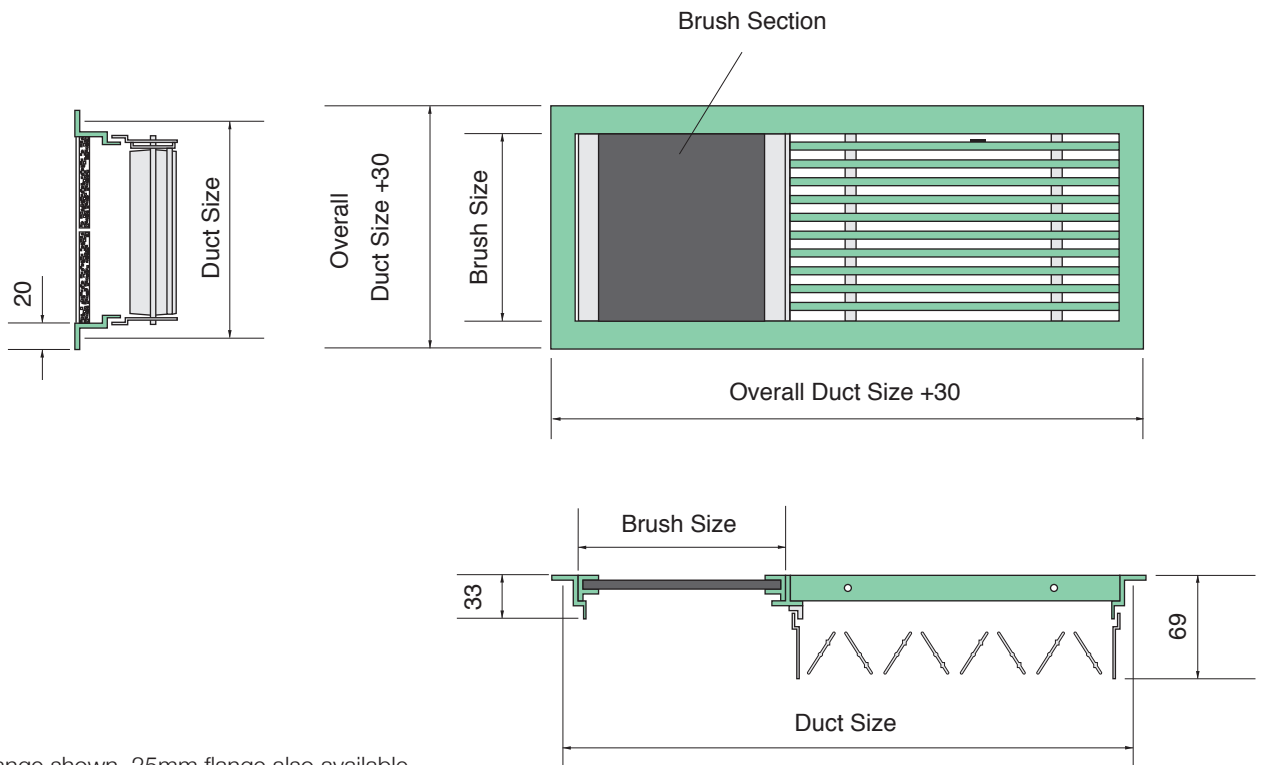
F20 Flange



F25 Flange



Floor Grille with Brush Section



20mm flange shown, 25mm flange also available.

Models F20/F25 Performance

Performance Table (Linear)

Model Width mm	Volume i/s/m	Duct Velocity m/s	Free Area Velocity m/s	Throw m	Total Pressure Pa	Sound Power NRLW
100	45	0.5	1.1	0.6	3	-
	90	1.0	2.2	1.8	8	22
	135	1.5	3.3	3.0	16	28
150	65	0.5	1.0	0.8	3	-
	130	1.0	2.0	2.4	7	24
	195	1.5	3.0	4.4	15	30
200	90	0.5	1.0	1.1	3	-
	180	1.0	2.0	3.0	7	25
	270	1.5	3.0	5.0	15	32
250	115	0.5	1.0	1.3	3	-
	230	1.0	2.0	3.7	7	25
	287	1.25	2.5	4.8	10	28
300	140	0.5	1.0	1.5	3	-
	280	1.0	2.0	4.5	7	26
	350	1.25	2.5	5.6	10	30

Models F20/F25 Ordering

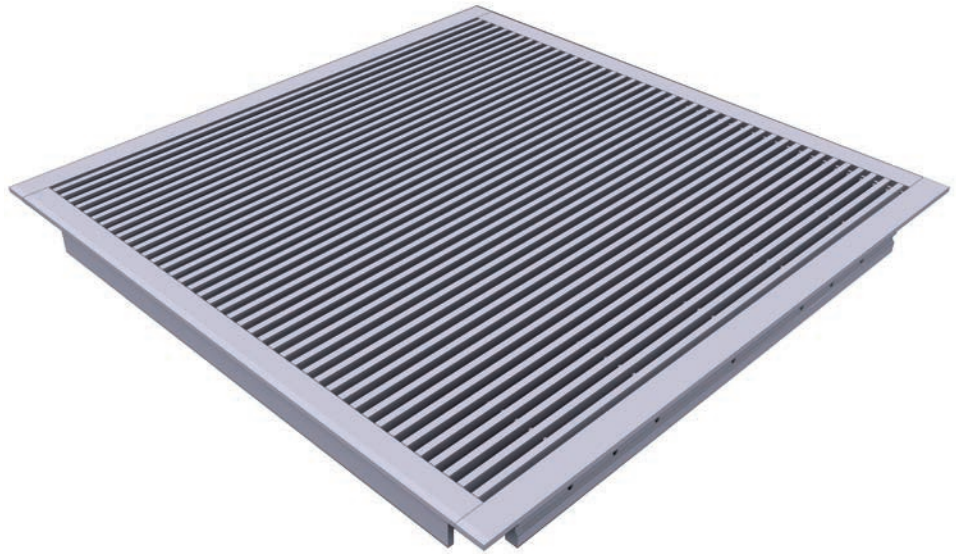
Model Type F25	Damper G	Core RC	Fixed FO	Finish 5	Size (nom length x overall width) 1500 x 250mm
F20L - Linear Floor Grille, 20mm Flange.	G - No Damper	O - Standard Fixed Core	FO - No Fixing	5 - Brushed Aluminium (Standard)	Maximum one piece length 1800mm
F20I - Linear Floor Grille, 20mm Flange.	R - With Opposed Blade Damper	RC - Removable Core	F4 - Rear Fixing Strap	For Special Finishes please refer to our Technical Sales Office	Minimum overall width 50mm without OBD, 100mm with OBD.
F25L - Linear Floor Grille, 25mm Flange.		Note: It is important to state whether "Lay In" or "Dualok" method is required for removable core.			Maximum overall width 300mm.
F25I - Linear Floor Grille, 25mm Flange					(Other sizes to special order)

Important Note: All orders must be addressed to Swegon Air Management Limited.

Model CDA Overview

Description

Model CDA heavy-duty tile replacement panel floor grille is designed to withstand heavy and extra heavy loadings. Constructed entirely from aluminium extrusions providing both lightness and strength whilst giving a high free area (39%) and enhancing air distribution performance, ideal for use in computer rooms, telephone exchanges, public areas, control rooms and other special applications where heavy loadings are evident. Model CDA is suitable for use on either supply or extract systems and may be fitted with an optional hit and miss damper.



Testing

The grille has been successfully tested without collapse to comply with the single point load specification and structural integrity requirements of British and European test standard BS EN 13264:2001, Heavy / Extra Heavy classification. (Static, impact and rolling load tests).

Finish

Standard finish is brushed aluminium alternatively a black nylon coating, or other colours are available.

Dimensions

The standard floor grille size is 599mm x 599mm overall, to suit most manufacturers floor panel sizes.

Standard Installation Method

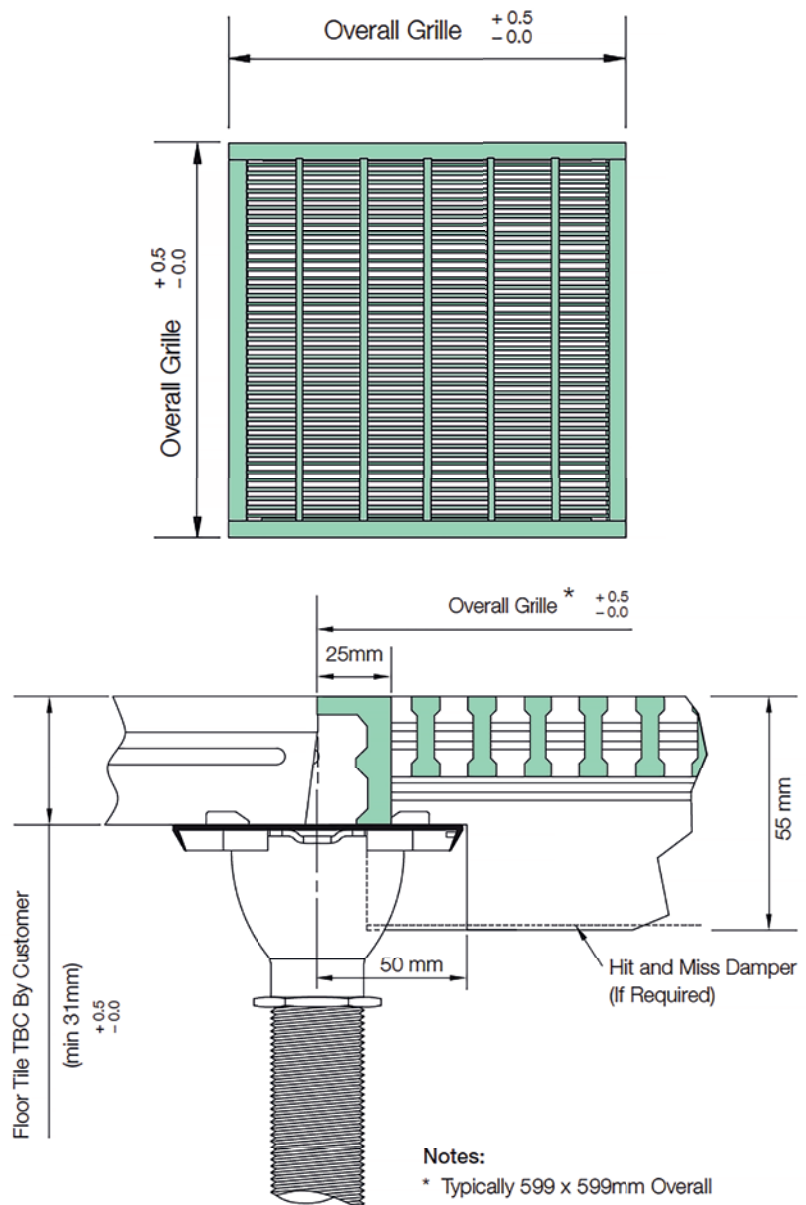
Each grille incorporates a recessed flange arrangement to allow installation via floor manufacturers raised floor jacks. To ensure a neat installation all grilles are manufactured to match the overall thickness of the corresponding floor panels, including the final finish covering. Relocation of the grille to another area is simply carried out by lifting and moving the entire floor grille to the desired new position. (Lifting handles are available at extra cost). For some projects it is a requirement for safety and insulation that the exposed surfaces of the panel floor grilles are black nylon coated. Other colours are available on request. Earthing terminals can also be supplied as an option.

Model Types

Model CDA-G is supplied as grille only.

Model CDA-HMD is supplied complete with a hit and miss damper, which is adjusted through the grille core.

Dimensional and Installation Information



Model CDA Performance

Performance Guide

Without Hit and Miss Damper

Application

Volume (l/s)	Total Pressure (Pa)	Free Area Velocity (m/s)	Duct Velocity (m/s)	Noise Level (NR, Lw)
200	3	1.29	0.53	22
300	5	2.27	0.93	23
400	12	3.00	1.23	30
500	16	3.49	1.43	33
600	22	4.41	1.81	41
700	26	4.76	1.95	44
800	40	5.41	2.22	49
900	53	6.39	2.62	54
1000	61	7.26	2.98	55

Structural Class Typical Application

Heavy Computer rooms, telephone exchanges, public areas, control rooms.
Load 4.5kN over 25mm x 25mm area.

Extra Heavy Computer rooms with heavy equipment and other special applications.

Load 4.5kN over 25mm x 25mm area.

All Technical Data on 599 x 599 mm Grille.

With Hit and Miss Damper

Volume (l/s)	Total Pressure (Pa)	Free Area Velocity (m/s)	Duct Velocity (m/s)	Noise Level (NR, Lw)
200	3	1.41	0.58	22
300	9	2.12	0.87	25
400	18	3.00	1.23	35
500	24	3.49	1.41	40
600	34	4.09	1.68	46
700	46	4.90	2.01	51
800	65	5.41	2.22	56
900	83	6.53	2.68	61

Weight of Panel Floor Grille CDA = 14kg (Includes Hit and Miss Damper).

All Technical Data on 599 x 599 mm Grille.

Model CDA Ordering

Model Type CDA-G	Fixing F0	Finish 5	Tile Depth TBC mm	Size (nom length x overall width) 599 x 599mm
CDA-G without damper	F0 No fixing	5 Standard Brushed Aluminium	Total Tile Thickness including Floor Covering	599mm x 599mm o/all (other sizes to special order)
CDA-HMD with hit and miss damper		94 Black Nylon Coating For special finishes please refer to our Sales Office		

Important Note: All orders must be addressed to Swegon Air Management Limited.

More from Air Diffusion...



Flowbar High Capacity Slot Diffuser



Linear Slot Diffuser



Circular Ceiling Diffusers



Square & Rectangular Diffuser



Exhaust & Supply Air Valves



Egg Crate Grilles



Linear Bar Grilles



Floor Swirls



Fixed Blade Grille



Jet Diffusers



Deflection Grilles



Perforated Face Ceiling Diffuser



Variable Air Pattern Ceiling Swirl Diffuser



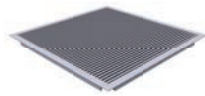
Fixed Blade Linear Ceiling Diffuser



Ceiling Swirls



Non Vision Grilles



Floor Grilles



Security Grille



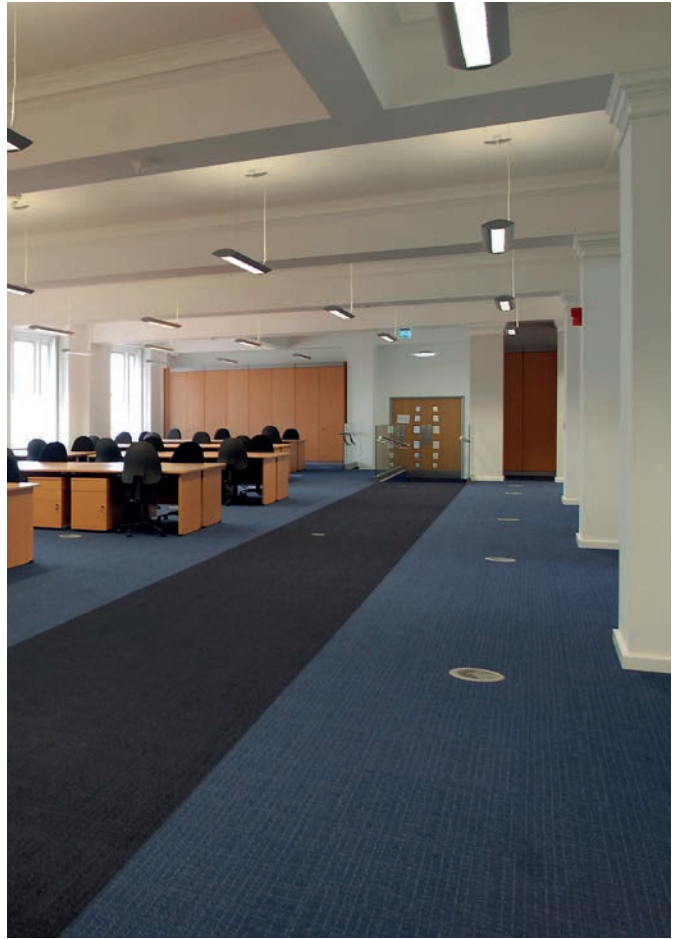
Fixed Blade Louvres



Cylinder Jet Diffuser



Displacement Ventilation



actionair | air diffusion | airfiltrera | airolution | naco

Stourbridge Rd, Bridgnorth,
WV15 5BB, Shropshire, UK

Tel: +44 (0)1746 761921

Email: sales@air-diffusion.co.uk

Website: air-diffusion.co.uk

The statements made in this brochure or by our representatives in consequence of any enquires arising out of this document are given for information purposes only. They are not intended to have any legal effect and the company is not to be regarded as bound thereby. The company will only accept obligations, which are expressly negotiated for and agreed and incorporated into a written agreement made with its customers.

Due to policy of continuous product development the specification and details contained herein are subject to alteration without prior notice.