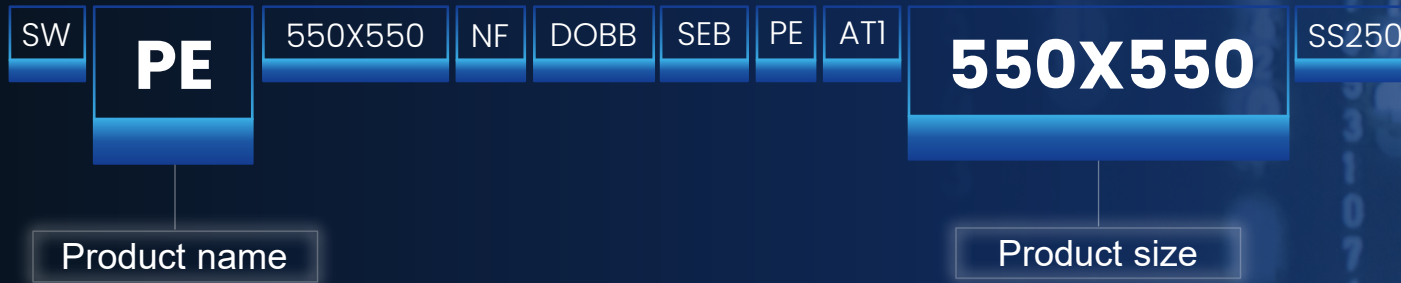


Understanding Product Strings



A quick-reference guide to help you decode with confidence. Each page breaks down the product string into simple terms so you can order with ease and accuracy. **Find the product, decode the string.**



LET'S BREAK IT DOWN

Whether you're requesting a quote or reviewing a proposal with a list of products, this document will help you understand our product string and what each section represents, including product names, sizes, materials, optional additions, and more.

Each product has a product string; a sequence of letters and numbers shown across the page of your quote. To decode it, simply find the product you need [example, Series GP Security Grille] and match the first box in the string with the explanation below it.

GRILLES

- 03. **SERIES C** Adjustable Deflection Grille for Circular Ducting
- 03. **SERIES F** Heavy Duty Linear Floor Grille
- 04. **SERIES FB700 & FB** Air Transfer Grille
- 05. **SERIES G** Curved Blade Grille
- 07. **SERIES GE** Eggcrate Grille
- 08. **SERIES GF** Heavy Duty Floor Grille
- 09. **SERIES GP** Security Grille
- 10. **SERIES H** Heavy Duty Adjustable Deflection Grille
- 11. **SERIES HG** Sports & Gymnasium Grille
- 12. **SERIES K** Fixed Blade Grille
- 13. **SERIES L** Fineline & Broadline Linear Strip Grille
- 15. **SERIES NV** Vision Proof Transfer Grille
- 16. **SERIES PE** Perforated Face Extract Grille

DIFFUSERS

- 17. **SERIES DG** Louvred Face Ceiling Diffuser
- 19. **SERIES DL** Drum Louvre [Diffuser]
- 20. **SERIES FR** Fire Rated Connection Box
- 21. **SERIES GA** Swirl Diffuser
- 22. **SERIES GB** Adjustable Slot Swirl Diffuser
- 23. **SERIES GD** Square & Circular Fixed Swirl Diffuser
- 24. **SERIES GFS** Floor Swirl Displacement Diffuser
- 25. **SERIES GRC** Circular Diffuser
- 26. **SERIES GSF** Fixed Swirl Diffuser
- 28. **SERIES GSJ** Adjustable Swirl Diffuser
- 30. **SERIES GSL** Linear Slot Diffuser
- 31. **SERIES GSR** Fixed & Adjustable Swirl Diffuser
- 32. **SERIES GTD** Concealed Swirl Diffuser

DIFFUSERS

- 33. **SERIES GZL** High Induction Linear Diffuser
- 34. **SERIES HSL** High Capacity Linear Slot Diffuser
- 35. **SERIES JN** Jet Diffuser
- 36. **SERIES JSL** Ultra High Capacity Linear Slot Diffuser
- 37. **SERIES MBD** Multi-Blade Linear Diffuser
- 39. **SERIES MN** High Induction Multi Nozzle Diffuser
- 40. **SERIES PG** Perforated Face Diffuser
- 41. **SERIES PGL** Laminar Flow Panels [Diffuser]
- 42. **SERIES ST** Displace Step Diffuser

SERIES C ADJUSTABLE DEFLECTION GRILLE FOR CIRCULAR DUCTING

CV	425X125	DOBB
1	2	3



1 PRODUCT NAME

CV - single deflection
CVH - double deflection.

2 PRODUCT SIZE

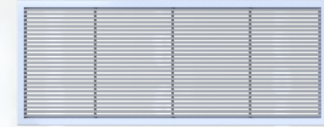
225x85	625x85	525x225
225x125	325x225	825x125
325x85	525x125	1025x125
325x125	625x125	625x225
425x85	825x85	825x225
525x85	425x225	1025x225
425x125	1225x85	

3 OPTIONAL

DO - opposed blade damper
BB - matt black finish. If mill is required then only **DO** is required in the string.

SERIES F HEAVY DUTY LINEAR FLOOR GRILLE

F	0	6	2000X300	SC	DOBB	EG
1	2	3	4	5	6	7



1 PRODUCT NAME

F - heavy duty linear floor grille with standard flange
FR - reverse flange heavy duty linear floor grille.

2 BLADE ANGLE

0 - degrees blade angle
15 - degrees blade angle.

3 BLADE WIDTH

6mm broadline blade width.

4 PRODUCT SIZE

[width] x [height]
width from 100mm up to 40,000 cont. run
height from 50mm in 1mm increments up to 600mm.

5 FIXING OPTIONS

Standard screw [leave the space empty]
NF - no fixing
CH, TH or **SH** - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw
SC - spring clip.

6 OPTIONAL

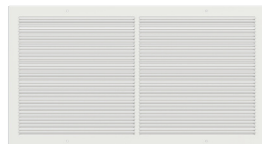
DO - opposed blade damper
BB - matt black finish. If mill is required then only **DO** is required in the string.

7 OPTIONAL

EG - equalising grid.

SERIES FB700 AIR TRANSFER GRILLE

SW	FB700	203X152	SH
1	2	3	4



1 OPTIONAL APPLICATION
[only choose one]
SW - swimming pool/chlorine environment
SM - mild steel material.

2 PRODUCT NAME
FB700.

3 GRILLE SIZE

102x102	203x203	305x254	508x356
152x102	254x203	356x254	610x356
203x102	305x203	406x254	406x406
254x102	356x203	457x254	457x406
305x102	406x203	508x254	508x406
356x102	457x203	610x254	610x406
406x102	508x203	305x305	457x457
457x102	610x203	356x305	508x457
508x102	254x254	406x305	610x457
610x102	305x254	457x305	508x508
152x152	356x254	508x305	610x508
203x152	406x254	610x305	610x610
254x152	457x254	406x305	762x102
305x152	508x254	457x305	762x152
356x152	610x254	508x305	762x203
406x152	305x305	610x305	914x102
457x152	356x305	356x356	914x152
508x152	610x203	406x356	914x203.
610x152	254x254	457x356	

4 FIXING OPTIONS
Standard screw [leave the space empty]
CH, TH or **SH** - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw.

SERIES FB DOOR, WALL & PARTITION MOUNTING INTUMSCENT AIR TRANSFER GRILLE

04

FBL	500X500
1	2

1 PRODUCT NAME
FBL - fire intumescent fireblock.

2 PRODUCT SIZE
From 100mm up to 600mm in 25mm increments.



SERIES G ADJUSTABLE DEFLECTION GRILLE

SW	GHV	B	250X250	CB	DOBB	C/W	SEB	GHV	ATI	250X250	PM	SS250
1	2	3	4	5	6	COMES WITH	7	8	9	10	11	12

1 OPTIONAL APPLICATION

[only choose one]

SW - swimming pool/chlorine environment
SS - stainless steel.

2 PRODUCT NAME

GH - single deflection grille with one set of horizontal blades
GV - single deflection grille with one set of vertical blades
GHV - double deflection grille with horizontal front and vertical rear blades
GVH - double deflection grille with vertical front and horizontal rear blades.

3 BORDER TYPE

Blank - standard 32mm flange
 * - border to be confirmed
B - clip in border
N - narrow 16mm border.

4 GRILLE SIZE

From 100x100mm up to 1200x1200mm in 1mm increments.

5 FIXING OPTIONS

Standard screw [leave the space empty]
NF - no fixing
CH, TH or SH - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw
QR - quick release fixing
SB - support bracket fixing [support brackets do come automatically if plenum box is selected]
CB - concealed bracket used with plenum boxes
LB - concealed fixing method without plenum box.

6 OPTIONAL

DO - opposed blade damper
DK - knob operated damper
BB - matt black finish. If mill is required then only **DO** is required on the string.

7 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]
SEB - side entry
TCB - top connection.

8 PRODUCT NAME THE PLENUM IS FOR

GH, GHV, GV, GVH.

9 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

10 PLENUM SIZE

The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

11 OPTIONAL

PM - perforated mesh.

12 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DR - spigot with rotary damper
DT - tele spigot damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.



SERIES GC CURVED BLADE GRILLE

SW	GC4	B	550X550	CB	DOBB	C/W	SEB	GC	ATI	550X550	CB	PM	SS200
1	2	3	4	5	6	COMES WITH	7	8	9	10	11	12	13

1 OPTIONAL APPLICATION
SW - swimming pool/chlorine environment.

2 PRODUCT NAME
GCH - horizontal arrangement
GCV - vertical arrangement
GC2/1 - two way horizontal arrangement
GC2/2 - two way vertical arrangement
GC2/3 - two way corner arrangement
GC2/4 - two way corner arrangement
GC3 - three way arrangement
GC4 - four way arrangement.

3 BORDER TYPE
* - to be confirmed
[missing] - standard 32mm flange border
B - clip in border [pip height required].

4 GRILLE SIZE
From 150x150mm in 1mm increments up to 1200x1200mm.

5 FIXING OPTIONS
Standard screw [leave the space empty]
NF - no fixing
CH, TH or SH - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw
QR - quick release fixing
SB - support bracket fixing [support brackets do come automatically if plenum box is selected]
CB - concealed bracket used with plenum boxes
LB - concealed fixing method without plenum box.

6 OPTIONAL
DO - opposed blade damper
BB - matt black finish. If mill is required then only DO is required in the string.

7 PLENUM BOX ENTRY OPTION
[skip this section if plenum is not required]
SEB - side entry
TCB - top connection.

8 PRODUCT NAME THE PLENUM IS FOR GC.

9 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

10 PLENUM SIZE
The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

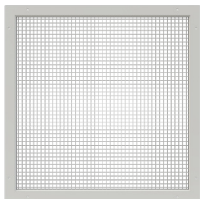
11 FIXING USED
CB
If selected for the grille fixing.

12 OPTIONAL
PM - perforated mesh.

13 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DR - spigot with rotary damper
DT - tele spigot damper
DI - spigot with iris damper
The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES GE EGGCRATE GRILLE

SW	GECA	*	300X300	NSC	CB	DOBB	C/W	SEB	GECA	ATI	300X300	PM	SS200
1	2	3	4	5	6	7	COMES WITH	8	9	10	11	12	13

1 OPTIONAL APPLICATION

[only choose one]

SW - swimming pool/chlorine environment

SS - stainless steel.

2 PRODUCT NAME

GECA - eggcrate grille

GECA/RC - removable eggcrate grille

GECA/RCF - removable eggcrate grille c/w filter media

GEC - channel eggcrate grille

GECO - eggcrate grille [core only].

3 BORDER TYPE

Blank - standard 32mm flange

***** - border to be confirmed

B - clip in border

T - tegular border [only applicable for GECA/RC].

4 GRILLE SIZE

From 100x100mm up to 1200x1200mm in 1mm increments.

5 OPTIONAL

NSC - non-sight cowl.

6 FIXING OPTIONS

Standard screw [leave the space empty]

NF - no fixing

CH, TH or **SH** - for special screw option

CH - clutch head screw

SH - snake eye head screw

TH - pin torx head screw

QR - quick release fixing

SB - support bracket fixing [support brackets do come automatically if plenum box is selected]

CB - concealed bracket used with plenum boxes

LB - concealed fixing method without plenum box.

7 OPTIONAL

DO - opposed blade damper

DK - knob operated damper

BB - matt black finish. If mill is required then only **DO** is required on the string.

8 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]

SEB - side entry

TCB - top connection.

9 PRODUCT NAME THE PLENUM IS FOR

GECA, GECA/RC, GECA/RCF, GEC, GECO.

10 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb

AT2 - 25mm Pyrosorb

AT3 - 12mm closed cell

BB - matt black internals [alternative].

11 PLENUM SIZE

The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

12 OPTIONAL

PM - perforated mesh.

13 SPIGOT SIZE

SS - standard spigot

DQ - spigot with a quadrant damper

DC - cord operated spigot damper

DR - spigot with rotary damper

DT - tele spigot damper

DI - spigot with iris damper

The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES GF HEAVY DUTY FLOOR GRILLE

08

GFX	600	*	P	DHBB	GDTBA	C4
1	2	3	4	5	6	7

1 PRODUCT NAME
GFX - computer floor grille
GFM - light duty computer floor grille.

2 PRODUCT SIZE
600 - only option.

3 PRODUCT ARRANGEMENT
6 - frame type 6
* - frame type to be confirmed.

4 ALIGNMENT PIPS
P - alignment pips included.

5 DAMPER OPTIONS
DO - opposed blade damper
BB - matt black finish. If mill is required then only **DO** is required in the string
DH - slot plate damper.

6 GRILLE DEPTH
GDTBA - grille depth to be confirmed
32-50 - in 0.5mm increments is the actual grille depth.

7 CORNER BRACKET
[missing] - no corner bracket
C2 - corner spacer
C3 - spacer plate
C4 - Kingspan Alpha.



SERIES GP SECURITY GRILLE

09

GPS4	250X250	DOBB	CH	C/W	SEB	GPS4	D	ATI	250X250	SS200
1	2	3	4	COMES WITH	5	6	7	8	9	10

1 PRODUCT NAME
GPP1 - Home Office spec maximum security grille with rear bolt fixing [grille comes welded onto plenum box]
GPP2 - Home Office spec medium security grille with face screw fixing [plenum box not available]
GPP3 - Home Office spec air transfer arrangement with one side maximum security grille and other side medium security grille [plenum box not available]
GPP4 - Home Office spec medium security grille [plenum box available]
GPS1 - Ministry of Justice spec maximum security grille with rear bolt fixing [grille comes welded onto plenum box]
GPS2 - Ministry of Justice spec medium security grille with face screw fixing [plenum box not available]
GPS3 - Ministry of Justice spec air transfer arrangement with one side maximum security grille and other side medium security grille [plenum box not available]
GPS4 - Ministry of Justice spec medium security grille [plenum box available].

2 GRILLE SIZE
 From 150x150mm in 50mm increments all the way to 600x600mm.

3 OPTIONAL
DO - opposed blade damper
BB - matt black finish. If mill is required then only **DO** is required on the string.

4 FIXING OPTIONS
CH, TH or **SH** - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw.

5 PLENUM BOX ENTRY OPTION
 [skip this section if plenum is not required]
SEB - side entry
TCB - top connection.

6 PRODUCT NAME THE PLENUM IS FOR
GPP1 GPS1
GPP2 GPS2
GPP3 GPS3
GPP4 GPS4

7 DO INCLUDED
D - opposed blade damper is included.

8 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

9 PLENUM SIZE
 The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

10 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.



SERIES H HEAVY DUTY ADJUSTABLE DEFLECTION GRILLE

HH	300X200	CB	DOBB	C/W	SEB	HH	ATI	300X200	PM	SS250
1	2	3	4	COMES WITH	5	6	7	8	9	10

1 PRODUCT NAME

HH - single deflection with horizontal blades
HV - single deflection with vertical blades
HHV - double deflection with horizontal blades in front and vertical blades in the back
HVH - double deflection with vertical blades in front and horizontal blades in the back.

2 PRODUCT SIZE

From 100x100 in 1mm increments all the way up to 1200x1200 as standard.

3 FIXING OPTIONS

Standard screw [leave the space empty]
NF - no fixing
CH, TH or SH - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw
QR - quick release fixing
SB - support bracket fixing
 [support brackets come automatically if plenum box is selected]
LB - concealed fixing when plenum box is not required.

4 OPTIONAL

DO - opposed blade damper
DK - knob operated damper
BB - matt black finish. If mill is required then only **DO** is required on the string.

5 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]
SEB - side entry
TCB - top connection.

6 PRODUCT NAME THE PLENUM IS FOR

HH
HV
HHV
HVH

7 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

8 PLENUM SIZE

The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

9 OPTIONAL

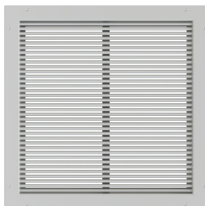
PM - perforated mesh.

10 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DR - spigot with rotary damper
DT - tele spigot damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES HG SPORTS & GYMNASIUM GRILLE

11

SW	HGH	1000X500	TH
1	2	3	4

1 OPTIONAL APPLICATION
SW - swimming pool/chlorine environment.

2 PRODUCT NAME
HGH - grille with horizontal blades
HGV - grille with vertical blades.

3 GRILLE SIZE
From 150x150mm in 1mm increments all the way to 1200x1200mm.

4 FIXING OPTIONS
Standard screw [leave the space empty]
CH, TH or SH - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw.



SERIES K FIXED BLADE GRILLE

12

SW	K	40	1000X500	CB	DOBB	C/W	SEB	K	AT1	1000x500	CB	PM	SS200
1	2	3	4	5	6	COMES WITH	7	8	9	10	11	12	13

1 OPTIONAL APPLICATION
[only choose one]
SW - swimming pool/chlorine environment
SKM - mild steel
SKS - stainless steel.

2 PRODUCT NAME
K - fixed blade grille
KG - heavy duty fixed blade grille
2K - two way fixed blade grille
2KG - two way heavy duty fixed blade grille
K - circular fixed blade grille.

3 BLADE ANGLE
0 - 0° blade angle
15 - 15° blade angle
40 - 40° blade angle.

4 GRILLE SIZE
From 100x100mm in 1mm increments all the way to 1200x1200mm in 1mm increments.

5 FIXING OPTIONS
Standard screw [leave the space empty]
NF - no fixing
CH, TH or SH - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw
QR - quick release fixing
SB - support bracket fixing [support brackets do come automatically if plenum box is selected]
CB - concealed bracket used with plenum boxes
LB - concealed fixing method without plenum box.

6 OPTIONAL
DO - opposed blade damper
BB - matt black finish. If mill is required then only **DO** is required in the string.

7 PLENUM BOX ENTRY OPTION
[skip this section if plenum is not required]
SEB - side entry
TCB - top connection.

8 PRODUCT NAME THE PLENUM IS FOR
K, KG, 2K, 2KG.

9 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

10 PLENUM SIZE
The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

11 FIXING USED
CB
If selected for the grille fixing.

12 OPTIONAL
PM - perforated mesh.

13 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DR - spigot with rotary damper
DT - tele spigot damper
DI - spigot with iris damper
The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES L FINELINE & BROADLINE LINEAR STRIP GRILLE – PART 1

13

SW	L	15	3	9	VAD	HA	1800X150	DO	CB	TC	C/W	SEB	L	ATI	1800X150	PM	SS250
1	2	3	4	5	6	7	8	9	10	11	COMES WITH	12	13	14	15	16	17

1 OPTIONAL APPLICATION
SW - swimming pool/chlorine environment.

2 PRODUCT NAME
LG - linear bar grille comprising fineline 3mm or broadline 6mm wide bars set on a 13mm pitch in a 32mm flange border frame
LGN - as LG series except in a slimline 16mm flange border frame with concealed bracket fixing
LC - linear strip grille core only comprising fineline 3mm or broadline 6mm wide bars set on a 13mm pitch
LHS - linear strip grille comprising fineline 3mm or broadline 6mm wide bars set on a 13mm pitch spring clip fixed in a housing frame sidewall or sill mounting applications only
L - linear strip grille as type LG but with bars flush level with flange face
LR - linear strip grille as type L but with removable core
LN - linear strip grille as type LGN but with bars flush level with flange face
LNR - linear strip grille as type LN but with removable core
LHSP - linear strip grille with special border suitable for all types of plaster fixing applications.

3 BLADE ANGLE
0 - 0° blade angle
15 - 15° blade angle
40 - 40° blade angle *1.

4 BLADE WIDTH
3 - 3mm fineline blade width
6 - 6mm broadline blade width.

5 BLADE PITCH
9 - 9mm blade pitch
13 - 13mm blade pitch
19 - 19mm blade pitch.

6 OPTIONAL VAD
VAD - variable air deflection.

7 OPTIONAL HINGED ACCESS DOOR
[L and LN only]
HA - hinged end solid piece door
HB - hinged end door made from grille.

8 GRILLE SIZE
Length from 100mm to limitless
Height from 50mm up to 600mm in 1mm increments.

9 OPTIONAL
DO - opposed blade damper
DK - knob operated damper
BB - matt black finish. If mill is required then only DO is required on the string.

10 FIXING OPTIONS
Standard screw [leave the space empty]
NF - no fixing
CH, TH or SH - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw
QR - quick release fixing
SB - support bracket fixing [support brackets do come automatically if plenum box is selected]
CB - concealed bracket used with plenum boxes
LB - concealed fixing method without plenum box.

*1 - Please note, 40 degree angle is not available if STT [screw through tube] is required unless 19mm blade pitch is selected.



SERIES L FINELINE & BROADLINE LINEAR STRIP GRILLE – PART 2

14

SW	L	15	3	9	VAD	HA	1800X150	DO	CB	TC	C/W	SEB	L	ATI	1800X150	PM	SS250
1	2	3	4	5	6	7	8	9	10	11	COMES WITH	12	13	14	15	16	17

11 CORE FIXING TYPE

[LR, LNR, LHS and LHSP only]
TC - terry clip fixing for grilles with heights up to 300mm
STT - screw through tube fixing for grilles with heights above 300mm [up to 600mm].

12 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]
SEB - side entry
TCB - top connection.

13 PRODUCT NAME THE PLENUM IS FOR

LG, LGN, LC, LHS, L, LR, LN, LNR, LHSP.

14 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

15 PLENUM SIZE

The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item. If the box required is shorter than the grille that is also available.

16 OPTIONAL

PM - perforated mesh.

17 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DR - spigot with rotary damper
DT - tele spigot damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES NV VISION PROOF TRANSFER GRILLE

15

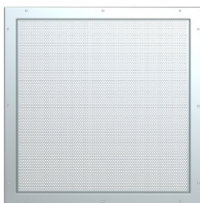
SW	NV3	250X250	NF
1	2	3	4

1 OPTIONAL APPLICATION
SW - swimming pool/chlorine environment.

2 PRODUCT NAME
NV1 - vision proof core only
NV2 - vision proof core in 32mm flanged border
NV3 - vision proof core in 32mm flanged border with matching telescopic back flange
NV4 - set of two lightproof core grilles with 32mm flange borders [matt black finish]
NV6 - vision proof flanged grille suitable for surface mounting onto doors, wall or partitions, especially for narrow doors or fireblock installations.

3 GRILLE SIZE
From 100x100mm up to 1200x1200mm in 1mm increments.

4 FIXING OPTIONS
Standard screw [leave the space empty]
NF - no fixing
CH, TH or SH - for special screw option
CH - clutch head screw
SH - snake eye head screw
TH - pin torx head screw.



SERIES PE PERFORATED FACE EXTRACT GRILLE

16

SW	PE	550X550	NF	DOBB	C/W	SEB	PE	ATI	550X550	SS250
1	2	3	4	5	COMES WITH	6	7	8	9	10

1 OPTIONAL APPLICATION

[only choose one]

SW - swimming pool/chlorine environment

SS - stainless steel material.

2 PRODUCT NAME

PE - standard 32mm flange border

PE/B - perforated grille with clip in border

[pip height will be required]

PE/* - asterisk means the border is to be confirmed.

3 PRODUCT SIZE

From 100x100 in 1mm increments up to 1200x1200 as standard.

4 FIXING OPTIONS

[missing] - standard screw

NF - no fixing

CH, TH or **SH** - for special screw option

CH - clutch head screw

SH - snake eye head screw

TH - pin torx head screw

QR - quick release fixing

SB - support bracket fixing [support brackets do come automatically if plenum box is selected].

5 OPTIONAL OPPOSED BLADE DAMPER

BB - matt black finish. If mill is required then only **DO** is required in the string.

6 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]

SEB - side entry

TCB - top connection.

7 PRODUCT NAME THE PLENUM IS FOR

PE.

8 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb

AT2 - 25mm Pyrosorb

AT3 - 12mm closed cell

BB - matt black internals [alternative].

9 PLENUM SIZE

The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

10 SPIGOT SIZE

SS - standard spigot

DQ - spigot with a quadrant damper

DC - cord operated spigot damper

DR - spigot with rotary damper

DT - tele spigot damper

DI - spigot with iris damper

The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.

SERIES DG LOUVRED FACE CEILING DIFFUSER - PART 1

SW	DG	A	4	W	450X450	NSC	CP	P3	SH	NRP225X225	DO	C/W	SEB	DGA4	D	ATI	450X450	PM	SS200
1	2	3	4	5	6	7	8	9	10	11	12	COMES WITH	13	14	DAMPER	15	16	17	18

1 OPTIONAL APPLICATION

[only choose one]

SW - swimming pool/chlorine environment

SS - stainless steel.

2 PRODUCT NAME

DG - louvred face ceiling diffusers.

3 BORDER TYPE

A - 38mm flange border

B - clip in border [pip height required]

C - tegular border [teg drop required]

D - narrow Border

E - 500 standard border

F - 500 tegular border [teg drop required]

H - 500 clip in border [pip height required].

4 THROW PATTERN

1 - one way

1L - one way long

2 - two way

2L - two way long

2E - two way corner

3 - three way

3L - three way long

4 - four way

4L - four way long.

5 OPTIONAL

W - welded corners.

6 GRILLE SIZE

1, 2, 2E, 3 or 4 way square - 150x150, 225x225, 300x300, 375x375, 450x450, 525x525, 600x600

1L, 2L, 3L or 4L way rectangular - 225x150, 300x150, 300x225, 375x150, 375x225, 375x300, 450x150, 450x225, 450x300, 450x375, 525x150, 525x225, 525x300, 525x375, 525x450, 600x150, 600x225, 600x300, 600x375, 600x450, 600x525, 1050x450.

7 OPTIONAL

NSC - non-sight cowl [not compatible with plenum boxes].

8 OPTIONAL

CP - Coanda plate [adds extra 374mm to the neck size].

9 OPTIONAL

P1 - three way blanked off

P2 - two way blanked off on opposite sides

P2E - two way blanked off next to each other [corner option]

P3 - one way blanked off.

10 FIXING OPTIONS

STF - standard screw

DR - drill and rivet through neck [standard fixing option **NOT SHOWN ON STRING**]

CH, TH or SH - for special screw option

CH - clutch head screw

SH - snake eye head screw

TH - pin torx head screw

QR - quick release fixing

SB - support bracket fixing [support brackets do come automatically if plenum box is selected].

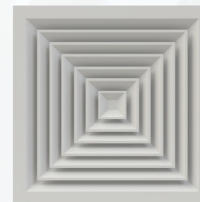
11 OPTIONAL NECK REDUCTION PLATE

NRP150x150, NRP225x225,

NRP300x300, NRP375x375,

NRP450x450, NRP525x525 - only

applicable for supply units and used to suit the air volume whilst the size of the diffuser is bigger than required.



SERIES DG LOUVRED FACE CEILING DIFFUSER – PART 2

18

SW	DG	A	4	W	450X450	NSC	CP	P3	SH	NRP225X225	DO	C/W	SEB	DGA4	D	AT1	450X450	PM	SS200
1	2	3	4	5	6	7	8	9	10	11	12	COMES WITH	13	14	DAMPER	15	16	17	18



12 OPTIONAL

DO - opposed blade damper
DF - face operated damper
BB - matt black finish. If mill is required then only **DO** is required on the string.

13 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]
SEB - side entry
TCB - top connection.

14 PRODUCT NAME THE PLENUM IS FOR

DGA1, DGA1L, DGA2, DGA2L, DGA2E, DGA3, DGA3L, DGA4, DGA4L, DGB1, DGB1L, DGB2, DGB2L, DGB2E, DGB3, DGB3L, DGB4, DGB4L, DGC1, DGC1L, DGC2, DGC2L, DGC2E, DGC3, DGC3L, DGC4, DGC4L, DGD1, DGD1L, DGD2, DGD2L, DGD2E, DGD3, DGD3L, DGD4, DGD4L, DGE1, DGE1L, DGE2, DGE2L, DGE2E, DGE3, DGE3L, DGE4, DGE4L, DGF1, DGF1L, DGF2, DGF2L, DGF2E, DGF3, DGF3L, DGF4, DGF4L, DGG1, DGG1L, DGG2, DGG2L, DGG2E, DGG3, DGG3L, DGG4, DGG4L, DGH1, DGH1L, DGH2, DGH2L, DGH2E, DGH3, DGH3L, DGH4, DGH4L.

15 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

16 PLENUM SIZE

The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

17 OPTIONAL

PM - perforated mesh.

18 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DR - spigot with rotary damper
DT - tele spigot damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES DL DRUM LOUVRE [DIFFUSER]

SW	DL4	M24	DOBB	VCEBB	TH
1	2	3	4	5	6

1 OPTIONAL APPLICATION
SW - swimming pool/chlorine environment.

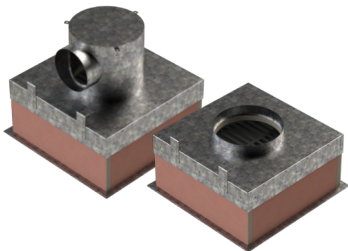
2 PRODUCT NAME AND SIZE
DL1 - duct opening - 246x157, vanes - 2no.
DL2 - duct opening - 322x157, vanes - 3no.
DL3 - duct opening - 475x157, vanes - 5no.
DL4 - duct opening - 627x157, vanes - 7no.
DL5 - duct opening - 525x259, vanes - 3no.
DL6 - duct opening - 652x259, vanes - 4no.
DL7 - duct opening - 779x259, vanes - 5no.
DL8 - duct opening - 906x259, vanes - 6no.
DL-T - thermally actuated [only size 8].

3 MOTOR CONTROL OPTIONS
 [blank] - manual or thermal control
M24 - 24V motor
M240 - 240V motor.

4 DIFFUSER DAMPER OPTIONS
 [blank] - no damper
DO - opposed blade damper
DOBB - DO in matt black.

5 VOLUME CONTROL OPTIONS
 [blank] - not included
VCE - exposed ductwork
VCC - concealed ductwork
VCEBB - exposed ductwork matt black
VCCBB - concealed ductwork matt black.

6 FIXING OPTIONS
 Face fixing:
 [blank] - standard screw
CH - clutch head screw
SH - snake eye head screw
TH - torx head screw.



SERIES FR FIRE RATED CONNECTION BOX

20

FR	DGA4	375X375	C/W	SEB	DGA4	375X375	BH275	SS350	SS275
1	2	3	COMES WITH	4	2	5	6	7	7

1 APPLICATION
FR - fire rated.

2 PRODUCT NAME

GPS4
GPP4
L
LG
LR
G
GC
GE
GECA-RC
H
K
DGA
GSFB
GDSA
GB-A
MN-A
PG.

3 PRODUCT SIZE
L/LG/LR/G/GC/GE/H/K - from 200 up to 520
GECA-RC - from 200 up to 500
GPS/GPP - from 250 up to 500 in 50mm increments
DG - 150x150, 225x225, 300x300, 375x375, 450x450, 225x150, 300x150, 300x225, 375x150, 375x225, 375x300, 450x150, 450x225, 450x300, 450x375
GSFB - 160-299, 160-574, 250-574, 315 574, 450-574
GDSA - 250-523, 315-523, 500-523
GB-A - 250-623, 315-623, 500-623, 600, 623
MN-A - 300-364, 400-464, 500-564
PG and PGR - 227x227, 327x327, 422x422, 427x427.

4 PLENUM BOX ENTRY OPTION
SEB - square side entry
TCB - square top connection.

5 PLENUM SIZE
Same as the grille size.

6 PLENUM BOX HEIGHT
BH [size] - plenum box height.

7 SPIGOT SIZE
If plenum box is to be side entry then two spigot sizes are required. First spigot size is for a cylinder where the actual spigot will be installed then the second spigot size is the actual spigot size.
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper.



SERIES GA SWIRL DIFFUSER

GA	S	1	300-623	C/W	TCB	AT1	SS250
1	2	3	4	COMES WITH	5	6	7

1 PRODUCT NAME

GA - fixed swirl diffuser.

2 BORDER TYPE

S - standard
H - higher volumes.

3 FACEPLATE

1 - faceplate 1
2 - faceplate 2
3 - faceplate 3
4 - faceplate 4
5 - faceplate 5
6 - faceplate 6
Custom faceplates, including branded logo, available on special request.

4 DIFFUSER SIZE

300-623.

5 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]
SEB-C - side entry circular plenum box
TCB-C - top connection circular plenum box.
Exposed plenum option available in **Galvalike®** or any specific RAL colour.

6 OPTIONAL LINING WITHIN PLENUM

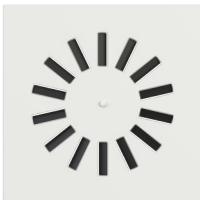
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

7 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES GB ADJUSTABLE SLOT SWIRL DIFFUSER

GB-*	250-594	PIP*	LB	C/W	SEB	GB-*	ATI	250-594	BH150	BB	SS0
1	2	3	4	COMES WITH	5	1	6	2	7	8	9

1 PRODUCT NAME AND BORDER

GB-A - plaster ceiling border
GB-B - clip in border
GB-C - lay-in border
GB-D - tegular border
GB-* - border to be confirmed.

2 DIFFUSER SIZE

Format: [active]-[overall square]
 Size is fixed
Available active sizes - 250, 315, 500, 600
 All diffusers are square, and the o/all size depends on the border/ceiling type
Plasterboard - 623 square o/all size, and 523 only for 250 size
Clip in - 599 square o/all size, and 499 only for 250 size
Lay-in - 594 square o/all size and 494 only for 250 size
Tegular - 574 and 584 square o/all size, and 474, 484 only for 250 size. Overall size to be confirmed is represented by 4*4 or 5*4.

3 SPECIAL BORDER OPTIONS

[shown only for **B** and **D** borders]
TDTBC - tegular drop to be confirmed
TD [no.] - factory preset, range 6-19 mm
PIP* - PIP register length to be confirmed
PIP [no.] - factory preset, range 19-50 mm.

4 FIXING OPTIONS

[blank] - centre screw fixing
LB - leg bracket [plasterboard ceiling only]
NF - no fixing included.

5 PLENUM BOX ENTRY OPTION

SEB - side entry
TCB - top connection.

6 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell.

7 PLENUM BOX DEPTH

BH [depth] - size given in mm.

8 PLENUM BOX COLOUR

[blank] - Galvalike®
BB - matt black.

9 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.



SERIES GD SQUARE & CIRCULAR FIXED SWIRL DIFFUSER

23

SW	GDS	A	1	315	623	PI	LB	C/W	SEB	GDS-A/1	AT1	315-623	FLN	PM	DQ250
1	2	3	4	5	6	7	8	COMES WITH	9	10	11	12	13	14	15

1 OPTIONAL APPLICATION
SW - swimming pool/chlorine environment.

2 PRODUCT NAME
GDS - square
GDC - circular.

3 BORDER TYPE
Square:
A - 38mm flange border
B - clip in border [pip height required]
C - lay in border
D - tegular border [teg drop required]
Circular:
A - circular flange border.

4 BLADE PATTERN
1 - straight blades
2 - curved blades.

5 DIFFUSER FACE SIZE
GDS [square] - 250, 315, 500, 600, ***[TBC]
GDC [circular] - 250, 315, 500, 600, ***[TBC].

6 DIFFUSER OVERALL SIZE
GDS [square] A border - 523, 623
GDS [square] B border - 599/PIP from 19 all the way up to 50 or "" for TBC
GDS [square] C border - 494, 594
GDS [square] D border - 474, 484, 574, 584, 5*4 or 4*4 for TBC. TD [tegular drop height] from 6mm to 19mm or "" for TBC. If ceiling system is unknown yet 5*4 or 4*4 requires ceiling detail to be confirmed
GDC [circular] - 323, 423, 623, 723 or *23 if overall size is not confirmed yet.

7 OPTIONAL
P1 - three way blanked off
P2 - two way blanked off on opposite sides
P2E - two way blanked off next to each other [corner option]
P3 - one way blanked off.

8 FIXING OPTIONS
NF - no fixing
LB - concealed fixing method without plenum box.
Leave space empty for centre screw into box bracket, centre screw supplied loose or standard fixing bars and central screw supplied loose.

9 PLENUM BOX ENTRY OPTION
[skip this section if plenum is not required]
SEB - side entry
TCB - top connection
SEB-C - side entry circular plenum box
TCB-C - top connection circular plenum box.
Exposed plenum option available in mill, Galvalike® or any specific RAL colour.

10 PRODUCT NAME THE PLENUM IS FOR
GDS-A, GDS-B, GDS-C, GDS-D, GDCA.

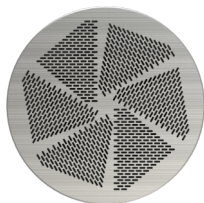
11 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

12 PLENUM SIZE
The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

13 FIXING OPTIONS
[for circular plenum boxes only]
FLN - flanged fixed option [plenum delivered attached to grille]
NEK - neck fixed option [plenum supplied loose with grille and will require fixing them together].

14 OPTIONAL
PM - perforated mesh.

15 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DR - spigot with rotary damper
DT - tele spigot damper
DI - spigot with iris damper
The number that follows is the spigot size you provide.
If multiple spigots are required the string will be 2x SS250.
If the spigot size is set as 0 that means spigot size is TBC.



SERIES GFS FLOOR SWIRL DISPLACEMENT DIFFUSER

24

SS	GFSS	160	SC
1	2	3	4

1 MATERIAL

SS - stainless steel.

2 PRODUCT NAME

GFSS - supply air diffuser
GFSE - extract air diffuser.

3 PRODUCT SIZE [mm]

[diameter] - format
160, 200 or 250 - fixed size.

4 FIXING OPTIONS

SC - spring clip [standard]*
CL - clamp**

*Spring clip fixing with units simply placed into aperture and withdrawn using extraction key supplied.

**Adjustable stabilising clamps secured from below unit.



SERIES GRC CIRCULAR DIFFUSER

25

GRC	OPI	350	DR	SB	C/W	SEB-C	GRC	AT1	350	BH200	NEK	BB	PM	SSO
1	2	3	4	5	COMES WITH	6	1	7	3	8	9	10	11	12

1 PRODUCT NAME

GRC - omni directional circular diffuser.

2 OPERATING THEATRE

Shown only when operating theatre set is configured.

OP1 - 950 - 1050 l/s

OP2 - 800 - 950 l/s

OP3 - 650 - 800 l/s

OP4 - 500 - 650 l/s

OP5 - 350 - 500 l/s.

3 PRODUCT SIZE

L/LG/LR/G/GC/GE/H/K - from 200 up to 520

GECA-RC - from 200 up to 500

GPS/GPP - from 250 up to 500 in 50mm increments

DG - 150x150, 225x225, 300x300, 375x375, 450x450, 225x150, 300x150, 300x225, 375x150, 375x225, 375x300, 450x150, 450x225, 450x300, 450x375

GSFB - 160-299, 160-574, 250-574, 315 574, 450-574

GDSA - 250-523, 315-523, 500-523

GB-A - 250-623, 315-623, 500-623, 600, 623

MN-A - 300-364, 400-464, 500-564

PG and **PGR** - 227x227, 327x327, 422x422, 427x427.

4 INTEGRAL DAMPER

[blank] - no damper

DR - rotary damper.

5 FIXING OPTIONS

[blank] - drill and rivet

SB - support bracket

Support brackets are used when plenum box is not configured, and independent diffuser support is required.

6 PLENUM BOX ENTRY OPTION

SEB-C - side entry [circular]

TCB-C - top connection [circular].

7 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb

AT2 - 25mm Pyrosorb

AT3 - 12mm closed cell.

8 PLENUM BOX DEPTH

[blank] - standard depth

BH [depth size] - specified box depth.

9 PLENUM BOX FIXING OPTIONS

[for circular plenum boxes only]

NEK - neck fixing

FLN - flange fixing

* - TBC.

10 PLENUM BOX COLOUR

[blank] - **Galvalike®**

BB - matt black.

11 OPTIONAL

PM - perforated mesh.

12 SPIGOT SIZE

SS - standard spigot

DQ - spigot with a quadrant damper

DC - cord operated spigot damper.



SERIES GSF FIXED SWIRL DIFFUSER – PART 1

26

SW	GSF	A	315/PI	[or] CP	C/W	SEB-C	GSFA	ATI	315	NEK	PM	DR225
1	2	3	4	5	COMES WITH	6	7	8	9	10	11	12

1 OPTIONAL APPLICATION
[only choose one]
SW - swimming pool/chlorine environment
OT - operating theatres.

2 PRODUCT NAME
GSF - fixed swirl
GSX - extract swirl.

3 BORDER TYPE
GSF:
A - circular flange border
A-G - circular ceiling tile replacement
B - clip in [pip height required]
B - 32mm flange lay in border [hinged opening face]
B-T - 32mm flanged tegular border [hinged opening face] teg drop height required
C - perforated borderless lay-in
C-T - borderless lay-in tegular [teg drop height required]
D - clip in borderless [pip height required]
E - circular perforated
K - 32mm flange lay-in border [fixed face]
K-T - 32mm flange tegular border [fixed face]
R - fixed swirl circular regular
P-G - fixed swirl circular premium
R-G - fixed swirl circular regular
P - fixed swirl circular premium
* - border to be confirmed.

3 continued
GSX:
B - 32mm flange lay-in border [hinged opening face]
B-T - 32mm flanged tegular border [hinged opening face] teg drop height required
C - perforated borderless lay-in
C-T - borderless lay-in tegular [teg drop height required]
D - clip in borderless [pip height required]
E - circular perforated
K - 32mm flange lay-in border [fixed face]
* - border to be confirmed.

4 DIFFUSER SIZE
GSF:
A - 160Ø, 250Ø, 315Ø, 450Ø, 630Ø
A-G - 160Ø, 250Ø, 315Ø, 450Ø
B [clip in] - 160-599, 250-599, 315-599, 450-599
B - 160-299, 160-594, 250-594, 315-594, 450-594
B-T - 160/250/315-474 or 574 overall face size with 24mm T bar, 160/250/315-484 or 584 overall face size with 15mm T bar, 450-574 overall face size 24mm T bar, 450-584 overall face size 15mm T bar, alternatively, if T bar is unknown use 4*4, 5*4
C - 160-294, 160-594, 250-594, 315-594, 450-594...

4 continued
C-T - 160-584, 250-584, 315-584, 450-584, 160-574, 250-574, 315-574, 450-574
D - 160-599, 250-599, 315-599, 450-599
E - 160Ø, 250Ø, 315Ø, 450Ø
K - 160-299, 160-594, 250-594, 315-594, 450-594
K-T - 160/250/315-474 or 574 overall face size with 24mm T bar, 160/250/315-484 or 584 overall face size with 15mm T bar, 450-574 overall face size 24mm T bar, 450-584 overall face size 15mm T bar
R - 160Ø, 250Ø, 315Ø, 450Ø, 630Ø
P-G - 160Ø, 250Ø, 315Ø, 450Ø, 630Ø
R-G - 160Ø, 250Ø, 315Ø, 450Ø
P - 160Ø, 250Ø, 315Ø, 450Ø, 630Ø.
GSX:
B - 160-299, 160-594, 160-599, 250-594, 250-599, 315-594, 315-599, 450-594, 450-599
B-T - 160/250/315-474 or 574 overall face size with 24mm T bar, 160/250/315-484 or 584 overall face size with 15mm T bar, 450-574 overall face size 24mm T bar, 450-584 overall face size 15mm T bar, alternatively, if T bar is unknown use 4*4, 5*4
C - 160-294, 160-594, 250-594, 315-594, 450-594
C-T - 160-294, 160-594, 250-594, 315-594, 450-594
D - 160-599, 250-599, 315-599, 450-599...



SERIES GSF FIXED SWIRL DIFFUSER – PART 2

27

SW	GSF	A	315/PI	[or] CP	C/W	SEB-C	GSFA	ATI	315	NEK	PM	DQ225
1	2	3	4	5	COMES WITH	6	7	8	9	10	11	12

4 continued
E - 160Ø, 250Ø, 315Ø, 450Ø
K - 160-299, 160-594, 160-599, 250-594, 250-599, 315-594, 315-599, 450-594, 450-599.

5 **OPTIONAL**
Square size:
 Blanking panel:
P1 - three way blanked off
P2 - two way blanked off on opposite sides
P2E - two way blanked off next to each other [corner option]
P3 - one way blanked off.
Circular:
CP [size] - Coanda plate will always be double the size of the swirl.

6 **PLENUM BOX ENTRY OPTION**
 [skip this section if plenum is not required]
SEB - side entry
TCB - top connection
SEB-C - side entry circular plenum box
TCB-C - top connection circular plenum box.
 Exposed plenum option available in mill, Galvalike® or any specific RAL colour.

7 **PRODUCT NAME THE PLENUM IS FOR**
GSF [border type].

8 **OPTIONAL LINING WITHIN PLENUM**
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

9 **PLENUM SIZE**
 The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

10 **FIXING OPTIONS**
 [for circular plenum boxes only]
STF - standard fixing
FLN - flanged fixed option [plenum will be delivered attached to grille]
NEK - neck fixed option [plenum will be supplied loose with grille and will require fixing them together].

11 **OPTIONAL**
PM - perforated mesh.

12 **SPIGOT SIZE**
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.



SERIES GSJ ADJUSTABLE SWIRL DIFFUSER – PART 1

28

GSJ	A	450	T	CP900	C/W	SEB-C	GSJA-T	AT1	450	CP	BH367	NEK	PM	DQ100
1	2	3	4	5	COMES WITH	6	7	8	9	5	10	11	12	13

1 PRODUCT NAME

GSJ - adjustable swirl.

2 BORDER TYPE

A - circular flange border
A-G - circular ceiling tile replacement
B - clip in [pip height required]
B - 32mm flange lay in border [hinged opening face]
B-T - 32mm flanged tegular border [hinged opening face] tegular drop required
C - perforated borderless lay-in
D - clip in borderless [pip height required]
E - circular perforated.

3 DIFFUSER SIZE

A border - 160Ø, 250Ø, 315Ø, 450Ø, 630Ø
A-G border - 160Ø, 250Ø, 315Ø, 450Ø
B clip in border - 160-599, 250-599, 315-599, 450-599
B 32mm flange border - 160-299, 160-594, 250-594, 315-594, 450-594
B-T border - 160/250/315-474 or 574 overall face size with 24mm T bar, 160/250/315-484 or 584 overall face size with 15mm T bar, 450-574 overall face size 24mm T bar, 450-584 overall face size 15mm T bar, alternatively, if T bar is unknown use 4*4, 5*4
C border - 160-294, 160-594, 250-594, 315-594, 450-594
D border - 160-599, 250-599, 315-599, 450-599
E border - 160Ø, 250Ø, 315Ø, 450Ø.

4 CONTROL OPTION

M - manual
T - thermal
E - electrical [choice of two attenuators SH24A100 or SG230A100].

5 OPTIONAL COANDA PLATE

CP [size] - Coanda plate will always be double the size of the swirl.

6 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]
SEB - side entry
TCB - top connection
SEB-C - side entry circular plenum box
TCB-C - top connection circular plenum box.
 Exposed plenum option available in mill, **Galvalike®** or any specific RAL colour.

7 PRODUCT NAME THE PLENUM IS FOR

GSJA, GSJA-G, GSJB, GSJB-T, GSJC, GSJD, GSJE.

8 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].



SERIES GSJ ADJUSTABLE SWIRL DIFFUSER – PART 2

GSJ	A	450	T	CP900	C/W	SEB-C	GSJA-T	ATI	450	CP	BH367	NEK	PM	DQ100
1	2	3	4	5	COMES WITH	6	7	8	9	5	10	11	12	13

9 PLENUM SIZE

The plenum size will match the grille as standard. If a stepped box is needed, it will be treated as a special item.

10 PLENUM BOX HEIGHT

BH [size] - plenum box height.

11 FIXING OPTIONS

[for circular plenum boxes only]

STF - standard screw [B, B-T only]

FLN - flanged fixed option [plenum delivered attached to grille]

NEK - neck fixed option [plenum supplied loose with grille and will require fixing them together].

12 OPTIONAL

PM - perforated mesh.

13 SPIGOT SIZE

SS - standard spigot

DQ - spigot with a quadrant damper

DC - cord operated spigot damper

The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES GSL LINEAR SLOT DIFFUSER

30

GSL	3	A	2000.0	2EF	CB	C/W	2 OFF PB	GSL	AT2	1000.0	CB	PM	DC200
1	2	3	4	5	6	COMES WITH	7	8	9	10	6	11	12

1 PRODUCT NAME
GSL - linear slot diffuser
GSLM - multi directional slot diffuser
GSL/MC - mitred corner for linear slot
GSLM/MC - mitred corner for multi directional slot.

2 SLOT NUMBER
 1, 2, 3, 4, 5, 6, 7, 8.

3 BORDER TYPE
A border - 27.5mm flange border
B border - 32mm flange border [plank ceiling]
X border - 73mm flange border
P border - plaster in.

4 DIFFUSER LENGTH
 Minimum length 100mm then in 1mm increments. If the unit is over 2m long the unit will come in continuous sections. Mitred corners will be supplied as 200mm on each side on the outside leg.

5 SLOT END OPTIONS
A border:
1EC - one end cap
2EC - both end cap
1EF - one end flange
2EF - both end flange
1MF - one mitred end flange
2MF - both mitred end flanges
1ED/1EF - one end cap and one end flange
1MF/1EC - one mitred end flange and one end cap
1MF/1EF - one mitred flange and one end flange
B border:
1EC - one end cap
2EC - both end cap
1MF - one mitred end flange
2MF - both mitred end flanges
1MF/1EC - one mitred end flange and one end cap
X border:
1EC - one end cap
2EC - both end cap
P border:
1PF - plaster frame end
2PF - both plaster frame end.

6 FIXING OPTIONS
NF - no fixing
CB - concealed bracket with plenum box
LB - concealed fixing method without plenum box
CB/LB - concealed brackets if plenum box do not cover the entire slot diffuser [minimum gap required is 100mm].

7 PLENUM BOX ARRANGEMENT
2 off - quantity of plenum boxes required.
***Plenum boxes for slot diffusers as standard are ONLY side entry*.**

8 PRODUCT NAME THE PLENUM IS FOR
GSL, **GSLM**.

9 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

10 PLENUM SIZE
 If not specified the slot diffuser will be fully active unless noted otherwise.

11 OPTIONAL
PM - perforated mesh.

12 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DT - tele spigot damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.

Optional blanking plate is available.



SERIES GSR FIXED & ADJUSTABLE SWIRL DIFFUSER

GSRC	400-494	NSC	PIP*	FF	SEB	ATI	BHEST	300	BB	SS0
1	2	3	4	5	6	7	8	8	9	10

1 PRODUCT NAME AND BORDER
GSR[F-]A - plaster ceiling border
GSR[F-]B - clip in border
GSR[F-]C - lay-in border
GSR[F-]D - tegular border
GSR[F-]* - border to be confirmed
 Please note GSR is adjustable and GSRF is fixed blades diffuser.

2 PRODUCT SIZE
 Format: [active]-[overall square]
 size is fixed
Available active sizes - 300, 400, 500. All diffusers are square, and the o/all size depends on the border/ceiling type
Plasterboard - the min o/all size is [active] + 94mm, and all available: 394, 494 and 594
Clip in - 599 square o/all size, and 499 for all but 500 size
Lay-in - 594 square o/all size and 494 for all but 500 size
Tegular - 574 and 584 square o/all size, and 474, 484 for all but 500 size. Overall size to be confirmed is represented by 4*4 or 5*4.

3 NON-VISION BACK PLATE OPTION
 [blank] - not included
NSC - non-sight cowl included
 Used only when plenum box is not present.

4 SPECIAL BORDER OPTIONS
 [shown only for **B** and **D** borders]
TDTBC - tegular drop to be confirmed
TD [no.] - factory preset, range 6-19 mm
PIP* - PIP register length to be confirmed
PIP [no.] - factory preset, range 19-50 mm.

5 BLADE COLOUR OPTIONS
 [blank] - matt black blades
FF - blades colour as face.

6 PLENUM BOX ENTRY OPTION
SEB - side entry
TCB - top connection.

7 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell.

8 PLENUM BOX DEPTH
BHEST/[depth] - specified size.

9 PLENUM BOX COLOUR
 [blank] - **Galvalike®**
BB - matt black.

10 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.



SERIES GTD CONCEALED SWIRL DIFFUSER

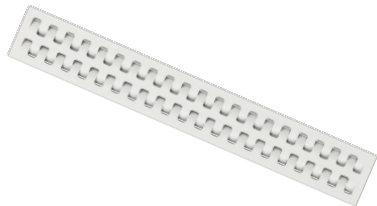
32

GTD	600	DRF
1	2	3

1 PRODUCT NAME AND BORDER
GTD - please note, this is a concealed diffuser. Border options are not available. Plenum box is not available as standard.

2 PRODUCT SIZE
Format [list size]
Size is fixed
300 and 600 - available sizes
300 - suitable for 300mm and 600mm wide plank type ceiling grids
600 - suitable for 600mm square ceiling grids
For the 300 size the neck connection is Ø202mm. For 600 size the neck connection is Ø246mm.

3 DIFFUSER CONNECTION TYPE
[blank] - ceiling by wire
DRF - standard drop rod
Please note, the DRF fixing is only available for the 600 size.



SERIES GZL HIGH INDUCTION LINEAR DIFFUSER

33

GZL2	1000	2EF	CB	PI00	C/W	PB	GZL2	ATI	1000	BH300	ST	BB	SS200
1	2	3	4	5	COMES WITH	6	1	7	8	9	10	11	12

1 PRODUCT NAME
GZL1 - one slot diffuser
GZL2 - two slots diffuser
 Both options have 27.5mm flange border as standard.

2 DIFFUSER LENGTH
 Format - [length]
 Min. length 300mm, please see catalogue for full length breakdown.

3 END OPTIONS
 [blank] - no end options
1EC - one end cap
2EC - both end cap
1EF - one end flange
2EF - both end flange
1EC/1EF - mix of the above.

4 FIXING OPTIONS
 [blank] - drill and rivet through neck
CB - concealed bracket
LB - leg bracket
SB - support bracket.

5 BLANKING PLATE
P [no.] - plate and the length in mm.

6 PLENUM BOX
PB - side entry plenum box as standard.

7 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell.

8 PLENUM BOX LENGTH
 [mm] - length.

9 PLENUM BOX DEPTH
 [blank] - standard depth
BH [depth] - specified box depth.

10 PLENUM BOX FIXING OPTION
ST/CB - standard fixing.

11 PLENUM BOX COLOUR
 [blank] - **Galvalike®**
BB - matt black.

12 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.

SERIES HSL HIGH CAPACITY LINEAR SLOT DIFFUSER

34

HSL	2	A	1000.0	2EF	CB	P100	BB	C/W	PB	HSL	2	AT1	1000.0	BH300	CB	BB	PB	SS200
1	2	3	4	5	6	7	8	COMES WITH	9	10	10	11	12	13	14	15	16	17

1

PRODUCT NAME

HSL - standard diffuser
HSLT - thermal diffuser
HSLC - curved diffuser.

2

DIFFUSER SLOT NUMBER

1 - one slot
2 - two slot
Please note the thermal diffuser has only two slot option.

3

BORDER TYPE

A type - standard
P type - plaster-in.

4

DIFFUSER LENGTH

The max single piece length is 2000mm. Lengths above that will come in sections. The Thermal diffuser version length is fixed at 1500mm.

5

END OPTIONS

[blank] - no end options
1EC - one end cap
2EC - both end cap
1EF - one end flange
2EF - both end flange
1EC/1EF - mix of the above
plaster-in **P** border only:
1PF - one end plate
2PF - both end plate.

6

FIXING OPTIONS

[blank] - drill and rivet through neck
CB - concealed bracket
LB - leg bracket
CB/LB - both above.

7

BLANKING PLATE

[blank] - not included
P [no.] - plate and the length in mm.

8

BLADE COLOUR OPTIONS

BB - matt black blades
WB - white blades.

9

PLENUM BOX

PB - side entry plenum box as standard.

10

TO FIT DIFFUSER

HSL2 - standard plenum for the respective diffuser type.

11

OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell.

12

PLENUM BOX LENGTH

[mm] - length.

13

PLENUM BOX DEPTH

[blank] - standard depth
BH [depth] - specified box depth.

14

PLENUM BOX FIXING OPTION

ST/CB - standard fixing.

15

PLENUM BOX COLOUR

[blank] - **Galvalike®**
BB - matt black.

16

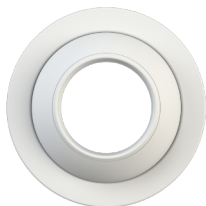
PLENUM BOX OPTION

[blank] - not included
PM - perforated [equalising] mesh.

17

SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated damper
DT - teleflex damper
DI - spigot with iris damper
The number that follows is the spigot size you provide.
If multiple spigots are required the string will be 2x SS250.
If the spigot size is set as 0 that means spigot size is TBC.



SERIES JN JET DIFFUSER

SW	JN	200	2X1	580X300	CB	SEB	BB	PM	SS200
1	2	3	4	5	6	7	8	9	10

1 OPTIONAL APPLICATION
SW - swimming pool/chlorine environment.

2 PRODUCT NAME
JN - standard diffuser
JN-T - thermal diffuser.

3 PRODUCT SIZE
Available sizes - 160, 200, 250, 315 and 400.
Thermal version is available only in 250 and 400 sizes.

4 BANKED DIFFUSER SIZE
[blank] - not included
available sizes: 2x1, 3x1, 4x1, 1x2, 1x3, 1x4, 2x2. Diffusers are fixed to a plate and supplied with optional plenum box.

5 PLATE SIZE
580x300 - [width]x[height]
only shown if banked diffuser option is configured.

6 FIXING OPTION
[blank] - only when plenum box is included
CB - flexible duct
CR - rear fixing
CD - solid duct.

7 PLENUM BOX ENTRY OPTION
SEB - side entry
TCB - top connection.

8 PLENUM BOX COLOUR
[blank] - Galvalike®
BB - matt black.

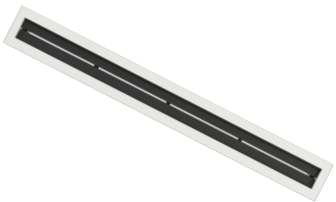
9 PLENUM BOX OPTION
[blank] - not included
PM - perforated [equalising] mesh.

10 SPIGOT SIZE
SS - standard spigot
The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.

SERIES JSL ULTRA HIGH CAPACITY LINEAR SLOT DIFFUSER



JSLS	40	A	2000.0	2EF	CB	C/W	2 OFF SEB	JSL	40	ATI	1000.0	ST	PM	DI300
1	2	3	4	5	6	COMES WITH	7	8	2	9	10	11	12	13

1 PRODUCT NAME
JSLS - jumbo linear slot diffuser
JSL-T - thermal jumbo linear slot diffuser
JSLS/MC - mitred corner for jumbo linear slot diffuser.

2 SLOT NUMBER
JSLS - 30, 40, 50, 60, 80
JSLT - 60, 80.

3 BORDER TYPE
A border - 35mm flange border
P border - plaster in.

4 DIFFUSER LENGTH
 Minimum Length 100mm then in 1mm increments. If the unit is over 2m long the unit will come in continuous sections. Mitred corners will be supplied as 200mm on each side on the outside leg.
JSLT only comes in 1500mm length.

5 SLOT END OPTIONS
A border:
1EC - one end cap
2EC - both end cap
1EF - one end flange
2EF - both end flange
1MF - one mitred end flange
2MF - both mitred end flanges
P border:
1PF - plaster frame end
2PF - both plaster frame end.

6 FIXING OPTIONS
DR - drill and rivet through neck
CB - concealed bracket with plenum box
LB - concealed fixing method without plenum box
CB/LB - concealed brackets if plenum boxes do not cover the entire slot diffuser [minimum gap required is 100mm].

7 PLENUM BOX ARRANGEMENT
2 off - quantity of plenum boxes required.
***Plenum boxes for slot diffusers as standard are ONLY side entry*.**

8 PRODUCT NAME THE PLENUM IS FOR
JSL. JSLT.

9 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

10 PLENUM SIZE
 If not specified the slot diffuser will be fully active unless noted otherwise.

11 GILBERTS' USE
ST - standard.

12 OPTIONAL
PM - perforated mesh.

13 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DT - tele spigot damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.

Optional blanking plate is available.

SERIES MBD MULTI-BLADE LINEAR DIFFUSER - PART 1

MBDE2	A	500X150	5-5	PIP	2MF	CB	P200	DO	C/W	PB	MBDE2	D	ATI	500X150	BH150	ST	BB	PM	SSO
1	2	3	4	5	6	7	8	9	COMES WITH	10	1	11	12	14	15	16	17	18	19

1 PRODUCT NAME

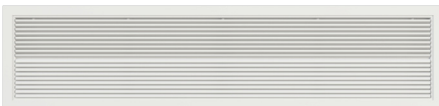
MBDS1 [2] - one or two way supply air diffuser
MBDE1 [2] - one or two way extract air diffuser.

2 BORDER TYPE

A - standard
 Plank ceilings:
B - clip in border
T - tegular border.

3 DIFFUSER SIZE

[length] x [width]
 Min. length 200mm, see the catalogue for full length breakdown.
 The width is fixed - 100, 150, 200, 245, 250, 300, 350, 400.



4 CORE CONFIGURATION

Shown only when two-way diffuser is configured. The code shows number of blades in each direction.

5 SPECIAL BORDER OPTION

[only for PGL2 and B/T border]
TDIBC - tegular drop to be confirmed
TD [no.] - factory preset, range 6-19 mm
PIP - pip register length to be confirmed
PIP [no.] - factory preset, range 19-50 mm.

6 END OPTIONS

[blank] - no end options
2EC - both end cap
1MF - one mitred end flange
2MF - both mitred end flanges
1MF/1EC - mix of the above.

7 FIXING OPTIONS

Face fixing:
FF - standard screw
CH - clutch head screw
SH - snake eye head screw
TH - torx head screw
 concealed fixing:
[missing] - built-in brackets
CB - concealed bracket
LB - leg bracket.

8 BLANKING PLATE

The number represents the length in mm.

9 DIFFUSER DAMPER OPTIONS

[blank] - no damper
DO - opposed blade damper
DOBB - DO in matt black.

SERIES MBD MULTI-BLADE LINEAR DIFFUSER – PART 2

MBDE2	A	500X150	5-5	PIP	2MF	CB	P200	DO	C/W	PB	MBDE2	D	AT1	500X150	BH150	ST	BB	PM	SSO
1	2	3	4	5	6	7	8	9	COMES WITH	10	1	11	12	13	14	15	16	17	18



10 PLENUM BOX
PB - side entry plenum box as standard.

11 GILBERTS' USE
D - present when the diffuser has an integral damper [DO].

12 OPTIONAL LINING WITHIN PLENUM
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell.

13 PLENUM BOX SIZE
[length] x [width].

14 PLENUM BOX DEPTH
[missing] - standard depth
BH [depth] - specified box depth.

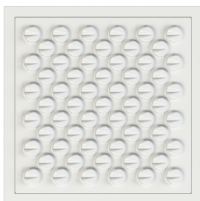
15 PLENUM BOX FIXING OPTIONS
ST/CB - standard fixing.

16 PLENUM BOX COLOUR
[blank] - Galvalike®
BB - matt black.

17 PLENUM BOX OPTIONS
[blank] - none included
PM - perforated mesh
CO - cut out ends. Used when the plenum box is shorter than the diffuser.

18 SPIGOT SIZE
SS - standard spigot
DQ - spigot with a quadrant damper
DC - cord operated spigot damper
DT - tele spigot damper
DI - spigot with iris damper
The number that follows is the spigot size you provide.

Please note [size] could be diameter or width x height.



SERIES MN HIGH INDUCTION MULTI NOZZLE DIFFUSER

MN-C	500-494	PIP*	C/W	SEB	MN-C	AT1	500-594	BH300	BB	PM	SS0
1	2	3	COMES WITH	4	1	5	2	6	7	8	9

1 PRODUCT NAME AND BORDER

MN-A - plaster ceiling border
MN-B - clip in border
MN-C - lay-in border
MN-D - tegular border
MN-E - circular frame
MN-* - border to be confirmed.

2 DIFFUSER SIZE

Format: [active] - [overall size]
 Size is fixed
Available active sizes - 300, 400, 500, 600
 The size depends on the border/ceiling type
Plasterboard - [active] + 64mm square o/all size
Clip in - 599 square o/all size, and 499 for all but 600 size
Lay-in - 594 square o/all size and 494 for all but 600 size
Tegular - 574 and 584 square o/all size, and 474, 484 for all but 600 size. Overall size to be confirmed is represented by 4*4 or 5*4
Circular - [active] + 123mm diameter o/all size.

3 SPECIAL BORDER OPTIONS

[shown only for **B** and **D** borders]
TDTBC - tegular drop to be confirmed
TD [no.] - factory preset, range 6-19 mm
PIP* - PIP register length to be confirmed
PIP [no.] - factory preset, range 19-50 mm.

4 PLENUM BOX ENTRY OPTION

SEB - side entry box
TCB - top connection box
MN-E only:
TCB-C - top connection box - circular
SEB-C - side entry box - circular.

5 OPTIONAL LINING WITHIN PLENUM

AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell.

6 PLENUM BOX DEPTH

BH [depth] - size given in mm.

7 PLENUM BOX COLOUR

[blank] - **Galvalike®**
BB - matt black.

8 PLENUM BOX OPTIONS

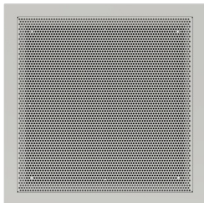
[blank] - none included
PM - perforated mesh.

9 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DI - spigot with iris damper
 The number that follows is the spigot size you provide.

If multiple spigots are required the string will be 2x SS250.

If the spigot size is set as 0 that means spigot size is TBC.



SERIES PG PERFORATED FACE DIFFUSER

PG	B	MD	DR	200	527X527	SEB	ATI	SS200
1	2	3	4	5	6	7	8	9

1 PRODUCT NAME

PG - supply
PG-R - extract

2 BORDER TYPE

Standard 32mm flange border
B - clip in border [pip height required]
T - tegular border [teg drop required]
* - border to be confirmed.

3 AIR PATTERN

1 - one way
2 - two way
2E - two way corner
3 - three way
4 - four way
MD - multi directional.

4 OPTIONAL SPIGOT DAMPER

DR - rotary damper.

5 SUPPLY SPIGOT SIZE

227x227 - only 160Ø
327x327 - 160Ø, 200Ø
422x422 and **427x427** - 160Ø, 200Ø, 250Ø
522x522, **527x527** - 160Ø, 200Ø, 250Ø, 315Ø.

6 DIFFUSER SIZE

Standard 32mm flange border:

227x227, 327x327, 422x422, 427x427,
522x522, 527x527

B border:

227x227, 427x427, 527x527 - pip height
required from 19 to 50mm or “*” for TBC
option

T border:

512x512 - 574mm overall Face Size 24mm
T bar
522x522 - 584mm overall Face Size 15mm
T bar
412x412 - 474 overall face size 24mm T bar
422x422 - 484 overall face size 15mm T bar
4*2x4*2 or 5*2x5*2 - exact T bar TBC.
Teg drop height required from 6 to
19mm or “*”.

7 PLENUM BOX ENTRY OPTION

[skip this section if plenum is not required]

SEB - side entry

TCB - top connection.

8 OPTIONAL LINING WITHIN PLENUM

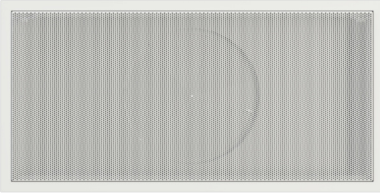
AT1 - 12mm Pyrosorb
AT2 - 25mm Pyrosorb
AT3 - 12mm closed cell
BB - matt black internals [alternative].

9 SPIGOT SIZE

SS - standard spigot
DQ - spigot with a quadrant damper
DR - spigot with rotary damper
DI - spigot with iris damper
The number that follows is the spigot size
you provide.

If multiple spigots are required the string will
be 2x SS250.

If the spigot size is set as 0 that means
spigot size is TBC.



SERIES PGL LAMINAR FLOW PANELS [DIFFUSER]

PGL1	A2	1200X600	TDTBC	TCB	SS250
1	2	3	4	5	6

1 PRODUCT NAME

PGL1 - laminar flow diffuser designed to form multiple panel assembly
PGL2 - single unit laminar flow diffuser.

2 ASSEMBLY TYPE/BORDER

A1, A2, A3, A4 - see catalogue for more information [used only with **PGL1** type]
[missing] - standard border
B - clip in border
T - tegular border.

3 PRODUCT SIZE

List or Face size depending on the type.
 Three fixed sizes available:
1200x600
900x600
600x600
 Size can be slightly different depending on the ceiling type.

4 SPECIAL BORDER OPTION

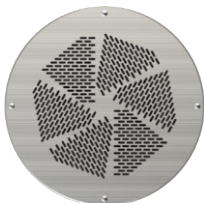
[only for PGL2 and B/T border]
TDTBC - tegular drop to be confirmed
TD [no.] - factory preset, range 6–19 mm
PIP - pip register length to be confirmed
PIP [no.] - factory preset, range 19 – 50 mm.

5 PLENUM BOX ENTRY OPTION

SEB - side entry
TCB - top connection.

6 SPIGOT SIZE

SS - standard spigot
DR - rotary damper
 The number that follows is the spigot size you provide.
 If multiple spigots are required the string will be 2x SS250.
 If the spigot size is set as 0 that means spigot size is TBC.



SERIES ST DISPLACEMENT STEP DIFFUSER

STG	2	TH	DP
1	2	3	4

1 PRODUCT NAME

STG - rectangle diffuser
STS - square diffuser
STC - circular diffuser.

2 PRODUCT SIZE

1 - available for all diffusers
2 - only for STS and STC
STG: size 1 - 286x132 [width]x[height] in mm
STS: size 1 - 260mm square
 size 2 - 300mm square
STC: size 1 - Ø233mm
 size 2 - Ø284mm.

3 FIXING OPTIONS

[BLANK] - standard screw
CH - clutch head screw
SH - snake eye screw
TH - torx head screw.

4 DAMPER OPTION

DP - damper plate.

Contact Us

Our team is on hand to help with any questions about product strings or technical queries relating to an existing or upcoming project.

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