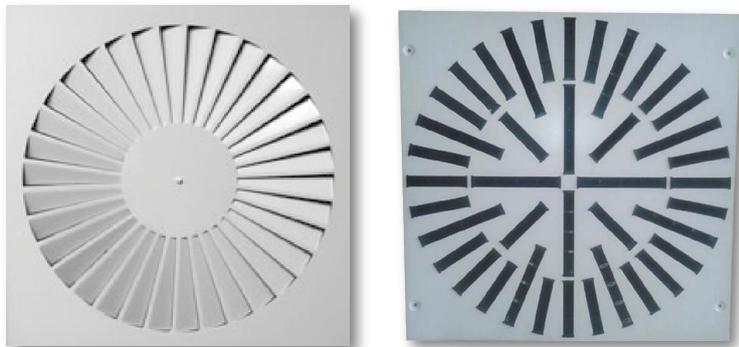


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FIXED SLOTS TYPE - MODEL SW1

STANDARD CONSTRUCTION

- A radial array of deflection blades are pressed into a square steel panel.
- With one counter sunk hole at the center for fixing.
- Powder coated to RAL 9010/9016.



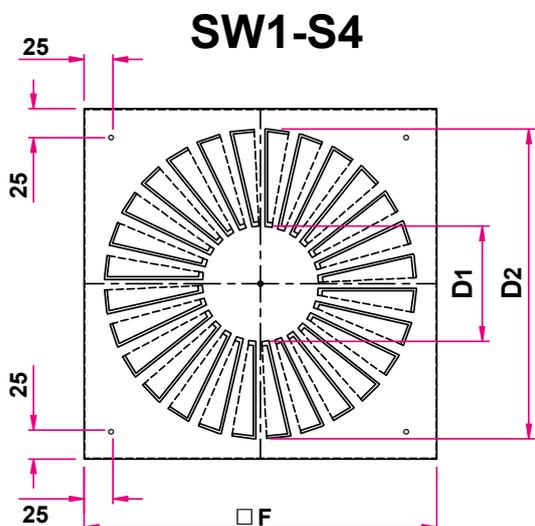
Model SW1

APPLICATION

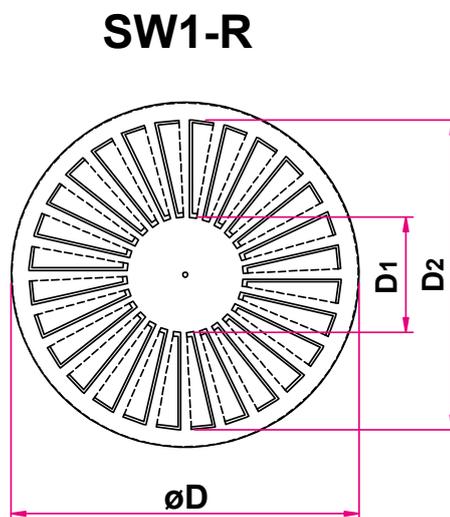
- For ceiling heights up to 4m.
- For high induction requirements (WITH VAV)
- For fixed swirl air pattern.
- For Supply & Return air use.

DIMENSIONS

Size	D1	D2	□F	∅D	Aef
	mm				m ²
400	130	350	398	400	0.0138
500	130	350	498	500	0.0138
600	130	350	598	600	0.0138
625	130	350	623	625	0.0138
600D	200	540	598	600	0.0367
625D	200	540	623	625	0.0367
675D	200	540	673	675	0.0367



SW1-S4



SW1-R

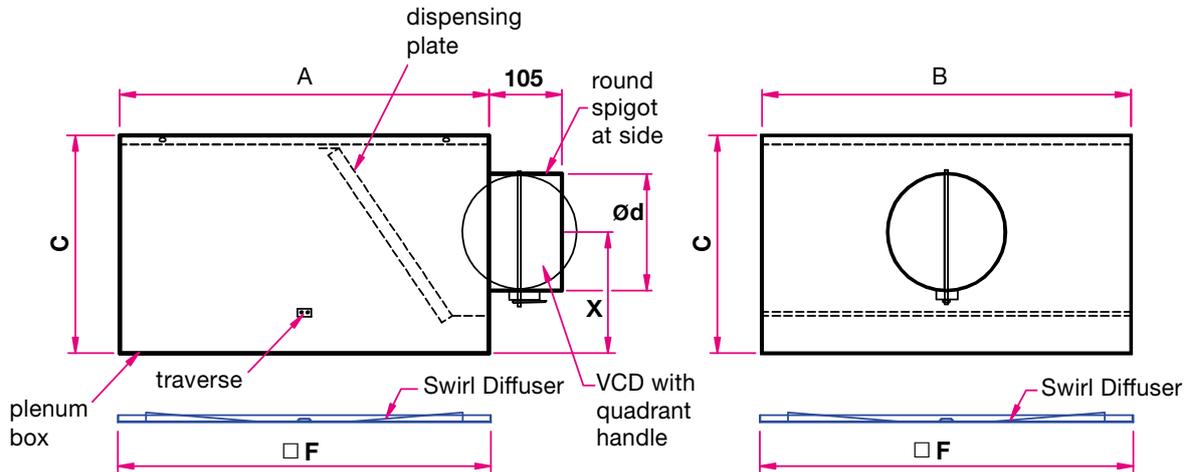




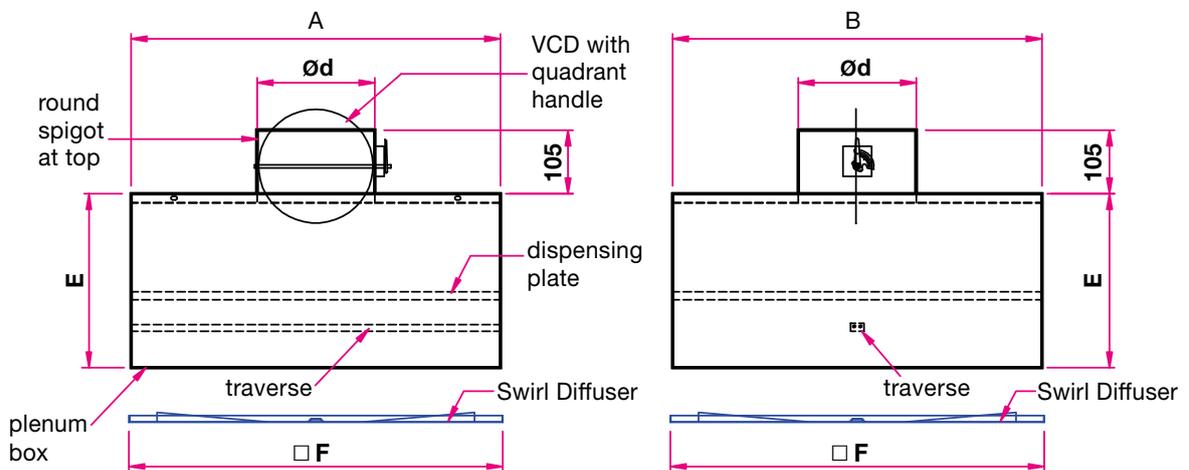
FIXED SLOTS TYPE - MODEL SWI

DIMENSIONS

SQUARE TYPE WITH PLENUM BOX & VCD AT SIDE SPIGOT: MODEL SWISIPSV



SQUARE TYPE WITH PLENUM BOX & VCD AT TOP SPIGOT: MODEL SWISIPTV



Size	mm						
	□F	A	B	C	X	E	Ød
400	398	390	390	290	167	240	198
500	498	390	390	290	167	240	198
600	598	390	390	290	167	240	198
625	623	390	390	290	167	240	198
600D	698	590	590	325	177	240	248
625D	623	590	590	325	177	240	248
675D	673	590	590	325	177	240	248

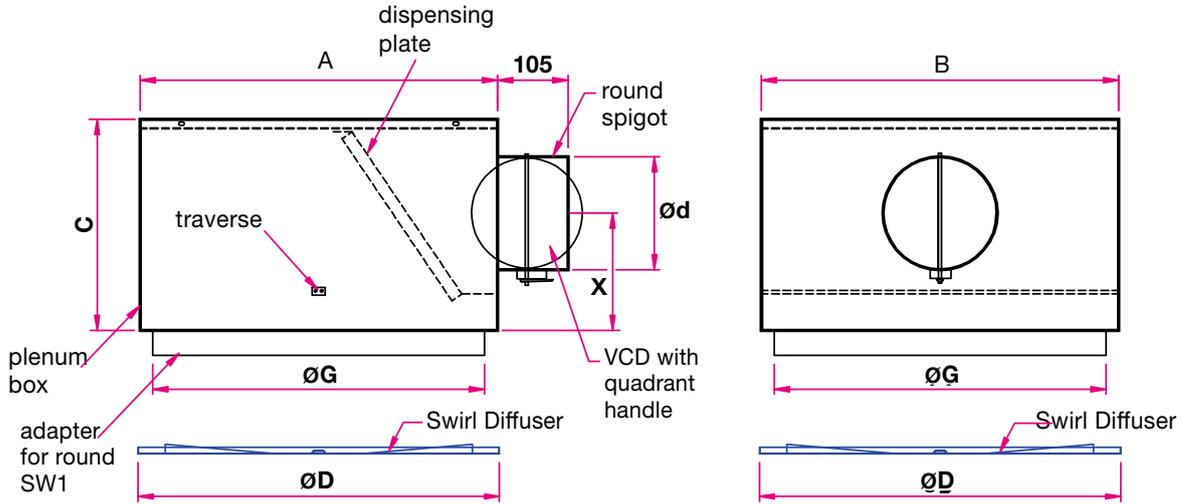




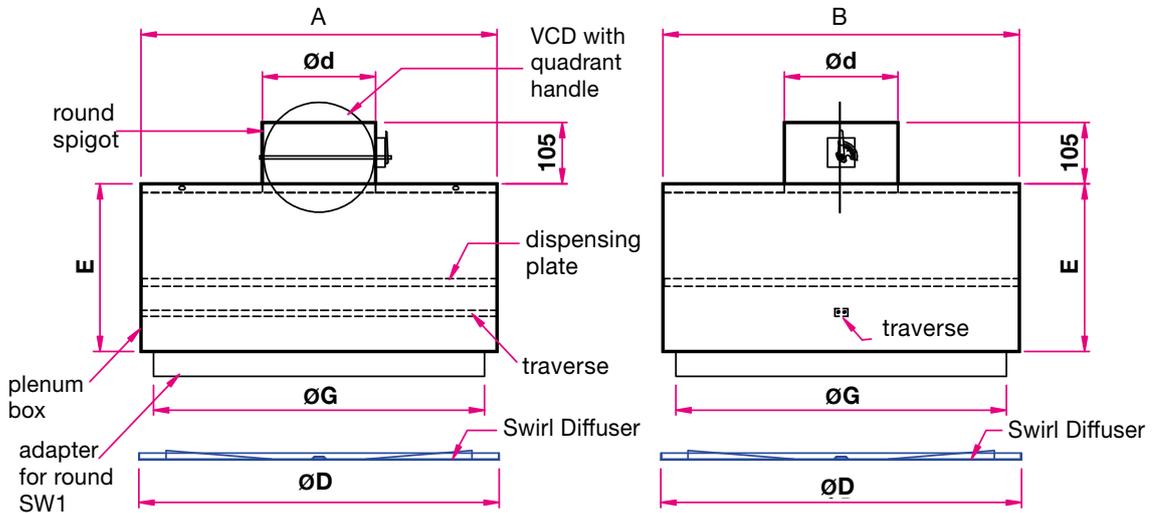
FIXED SLOTS TYPE - MODEL SWI

DIMENSIONS

ROUND TYPE WITH PLENUM & VCD AT SIDE SPIGOT: MODEL SWIRPSV



ROUND TYPE WITH PLENUM BOX & VCD AT TOP SPIGOT: MODEL SWIRPTV



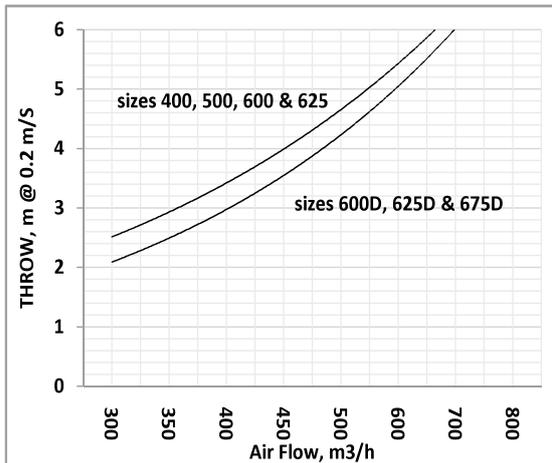
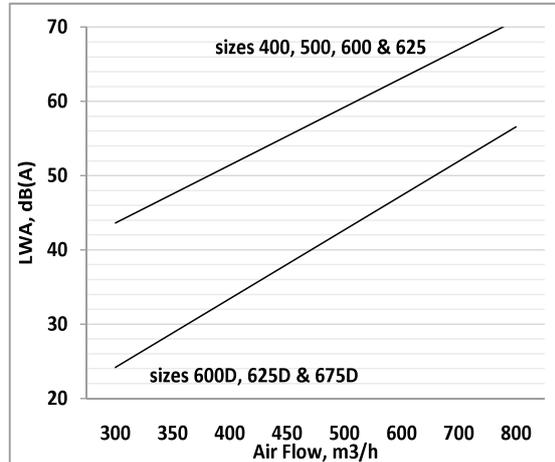
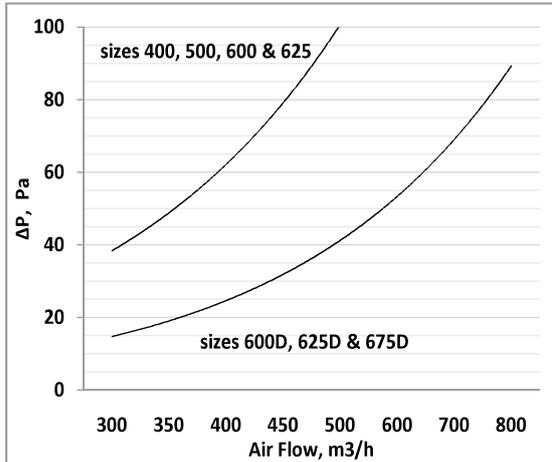
Size	mm							
	ØD	A	B	ØG	C	X	E	Ød
400	400	390	390	370	290	167	240	198
500	500	390	390	370	290	167	240	198
600	600	390	390	370	290	167	240	198
625	625	390	390	370	290	167	240	198
600D	600	590	590	560	325	177	240	248
625D	625	590	590	560	325	177	240	248
675D	675	590	590	560	325	177	240	248





FIXED SLOTS TYPE - MODEL SWI

PERFORMANCE DATA



Note:
The shown figures are noticed at fully open flap of VCD at the round spigot of the plenum box.

Ordering Key:

S	W	I	S	I	PT	V	600
SWIRL DIFFUSER TYPE I FIXED SLOT DEFLECTION							
S: SQUARE FACE R: ROUND FACE							
I: FACE IS FIXED BY I SCREW AT CENTER 4: FACE IS FIXED BY 4 SCREWS AT CORNERS							
PT: WITH PLENUM BOX & SPIGOT AT TOP PS: WITH PLENUM BOX & SPIGOT AT SIDE							
V: WITH VOLUME CONTROL DAMPER TO BE FIXED AT SPIGOT OF PLENUM BOX							
SIZE: FACE SIDE OR DIAMETER 400, 500, 600, 625, 600D, 625D OR 675D							





ADJUSTABLE RADIAL DEFLECTION TYPE - MODEL SW2

STANDARD CONSTRUCTION

- A radial array of adjustable black plastic cylindrical deflectors attached to slots into a square steel panel.
- With one counter sunk hole at the center for fixing.
- Powder coated to RAL 9010/9016.



APPLICATION

- For ceiling heights up to 4m.
- For high induction requirements (with VAV)
- For adjustable swirl air pattern.
- For Supply & Return air use.

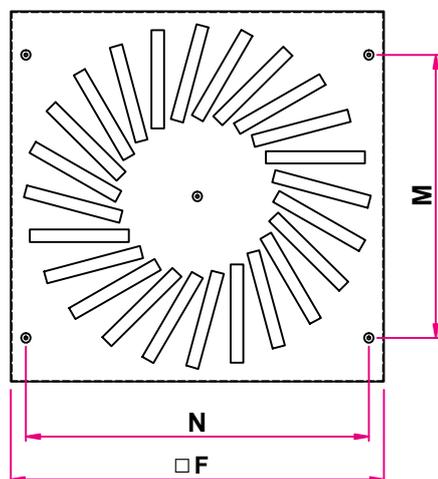
DIMENSIONS

Model SW2

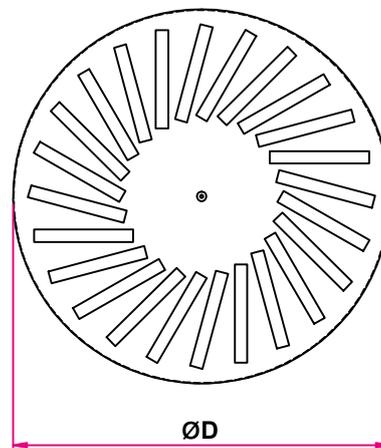
Size	mm				m ² A _{ef}
	∅D	□F	M	N	
300/8	300	298	248	248	0.009
400/16	400	398	348	348	0.019
500/16	500	498	448	448	0.019
600/16	600	598	548	548	0.019
625/16	625	623	573	573	0.019
500/24	500	498	448	448	0.028

Size	mm				m ² A _{ef}
	∅D	□F	M	N	
600/24	600	598	460	560	0.045
625/24	625	623	460	560	0.045
600/48	600	598	460	560	0.057
625/54	625	623	460	580	0.064
800/72	800	798	550	760	0.102
825/72	825	823	550	760	0.102

SW2-S4



SW2-R

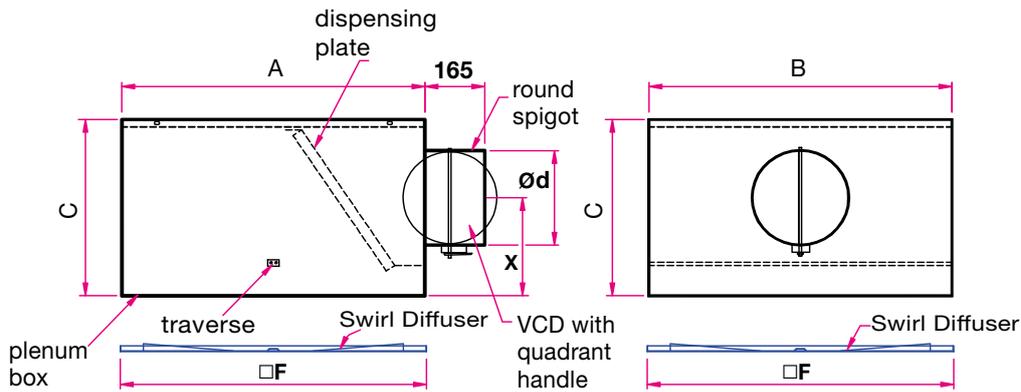




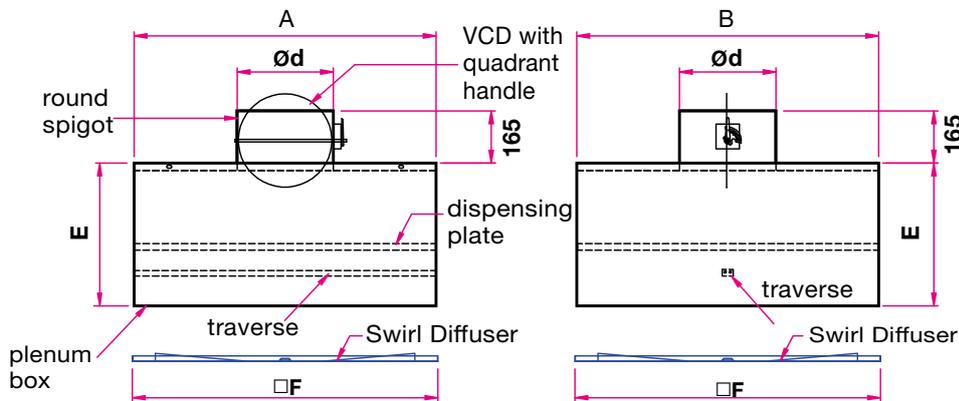
ADJUSTABLE RADIAL DEFLECTION TYPE - MODEL SW2

DIMENSIONS

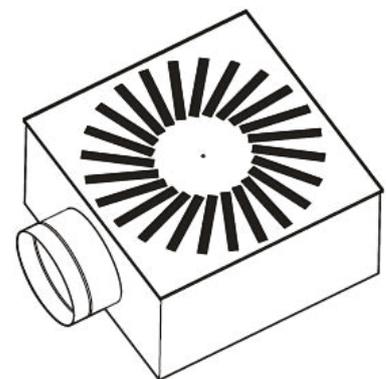
SQUARE TYPE WITH PLENUM BOX & VCD AT SIDE SPIGOT: MODEL SW2SIP5V



SQUARE TYPE WITH PLENUM BOX & VCD AT TOP SPIGOT: MODEL SW2SIPTV



Size	mm						
	□F	A	B	C	X	E	Ød
300/8 S	298	325	325	240	137	200	158
400/16 S	398	390	390	290	167	240	198
500/16 S	498	390	390	290	167	240	198
600/16 S	598	390	390	290	167	240	198
625/16 S	623	390	390	290	167	240	198
500/24 S	498	390	390	290	167	240	198
600/24 S	598	590	590	325	177	240	248
625/24 S	623	590	590	325	177	240	248
600/48 S	598	590	590	325	177	240	248
625/54 S	623	590	590	325	177	240	248
800/72 S	798	790	790	450	250	300	313
825/72 S	823	790	790	450	250	300	313

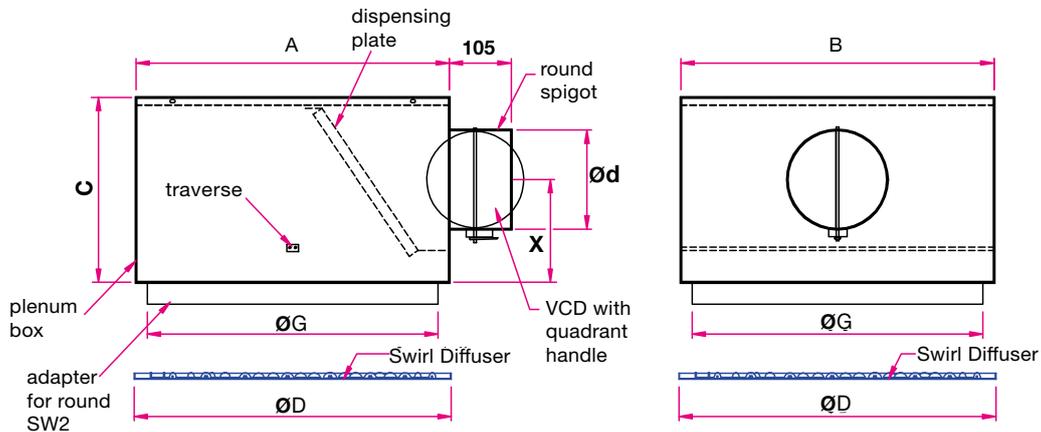




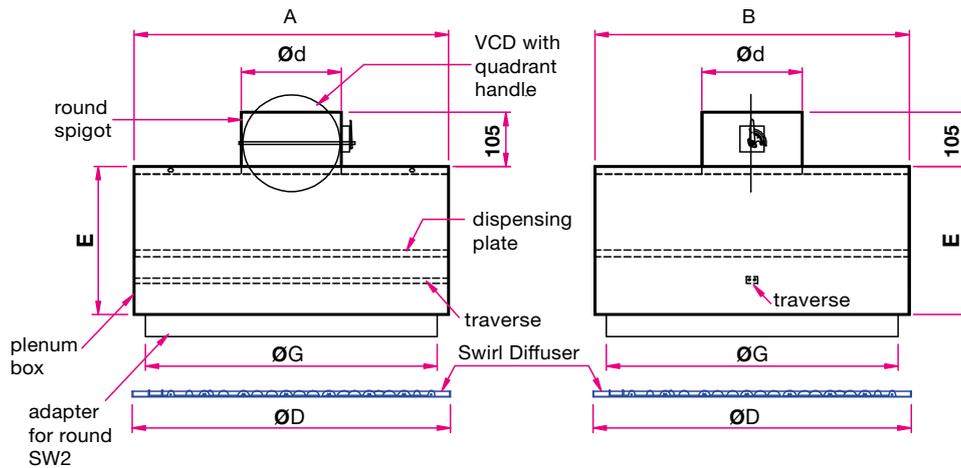
ADJUSTABLE RADIAL DEFLECTION TYPE - MODEL SW2

DIMENSIONS

ROUND TYPE WITH PLENUM BOX & VCD AT SIDE SPIGOT: MODEL SW2RPSV



ROUND TYPE WITH PLENUM BOX & VCD AT TOP SPIGOT: MODEL SW2RPTV



Size	mm							
	ØD	ØG	A	B	C	X	E	Ød
300/8 R	300	290	325	325	240	137	200	158
400/16 R	400	370	390	390	290	167	240	198
500/16 R	500	370	390	390	290	167	240	198
600/16 R	600	370	390	390	290	167	240	198
625/16 R	625	370	390	390	290	167	240	198
500/24 R	500	488	390	390	290	167	240	198
600/24 R	600	560	590	590	325	177	240	248
625/24 R	625	560	590	590	325	177	240	248
600/48 R	600	590	590	590	325	177	240	248
625/54 R	625	610	590	590	325	177	240	248
800/72 R	800	790	815	815	450	250	300	313
825/72 R	825	790	815	815	450	250	300	313





ADJUSTABLE RADIAL DEFLECTION TYPE - MODEL SW2

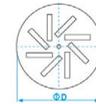
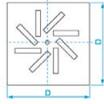
SIZES & DEFLECTORS ARRAY

SW2-S

SW2-R

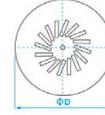
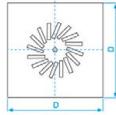
300/8

300/8



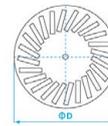
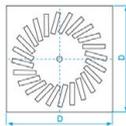
400/16. 500/16.
600/16 & 625/16

400/16. 500/16.
600/16 & 625/16



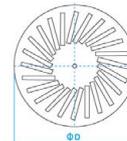
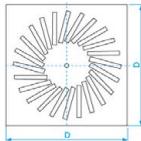
500/24

500/24



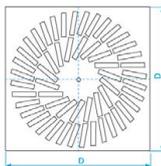
600/24 & 625/24

600/24 & 625/24



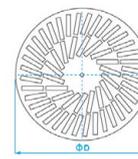
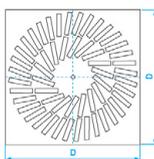
600/48

600/48



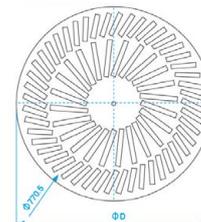
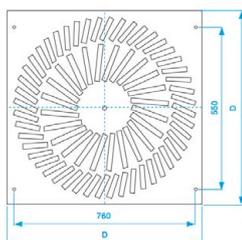
625/54

625/54



800/72 & 825/72

800/72 & 825/72

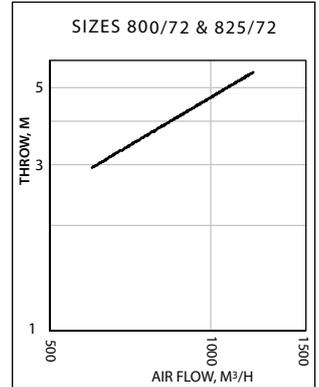
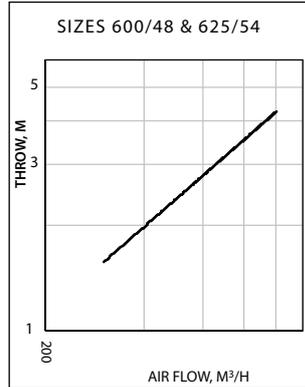
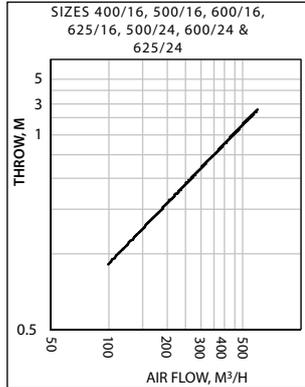
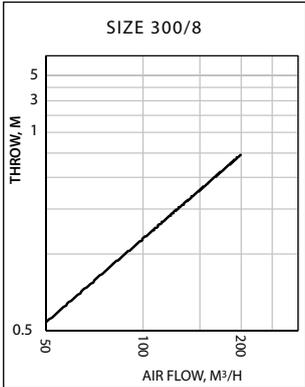




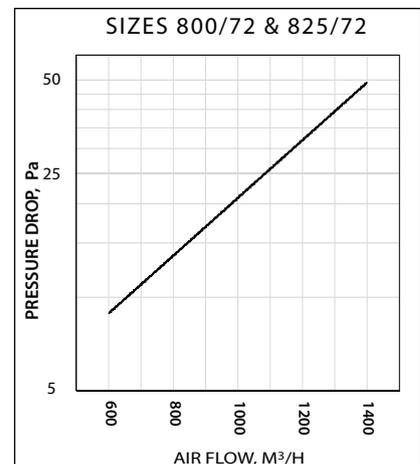
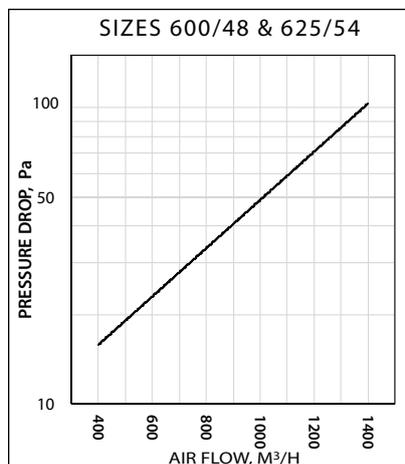
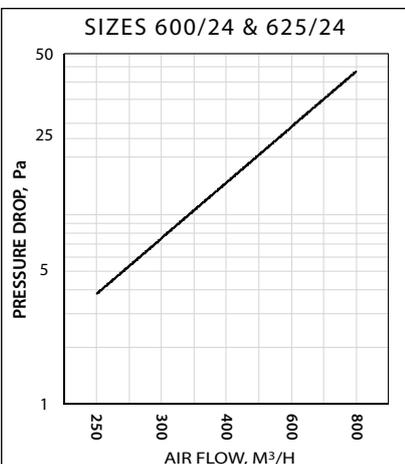
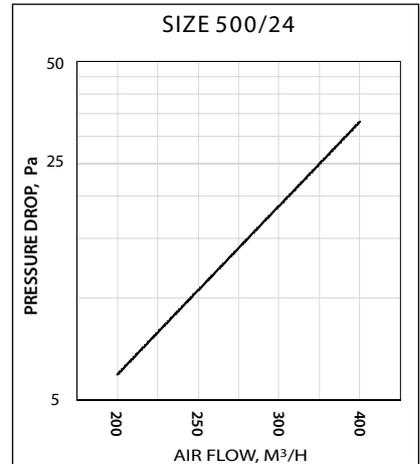
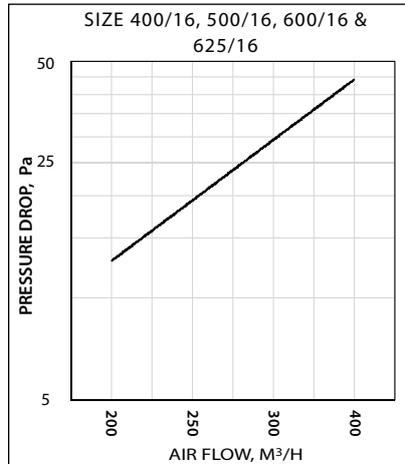
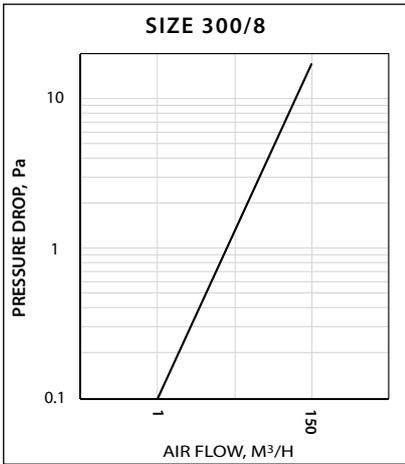
ADJUSTABLE RADIAL DEFLECTION TYPE - MODEL SW2

PERFORMANCE DATA

THROW:



PRESSURE DROP:

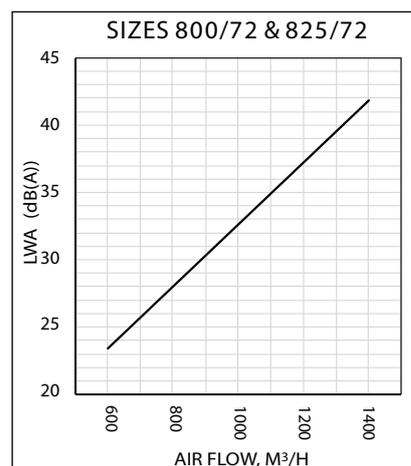
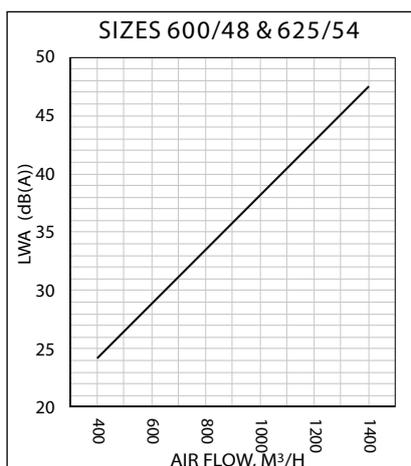
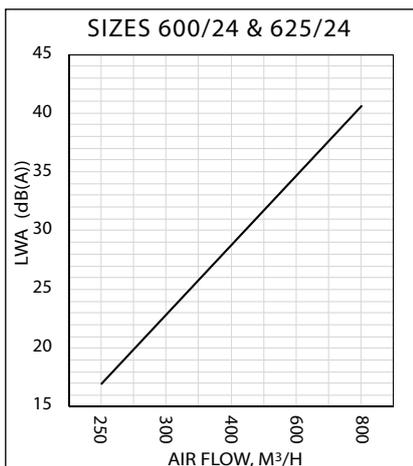
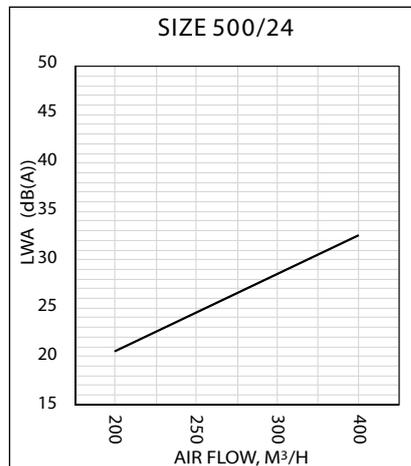
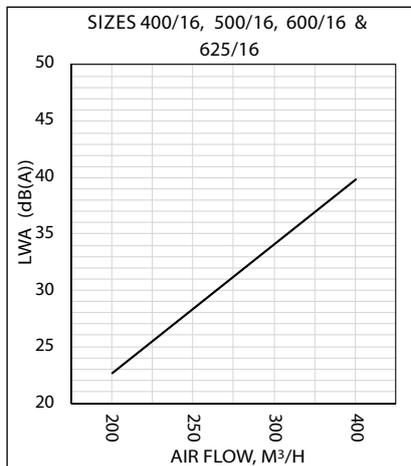
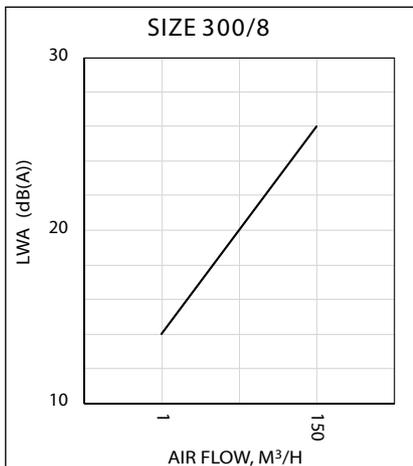




ADJUSTABLE RADIAL DEFLECTION TYPE - MODEL SW2

PERFORMANCE DATA

SOUND DATA:



Ordering Key:

S	W	2	S	I	D	PT	V	600/24
SWIRL DIFFUSER TYPE 2 ADJUSTABLE RADIAL DEFLECTION								
S: SQUARE FACE R: ROUND FACE								
I: FACE IS FIXED BY I SCREW AT CENTER 4: FACE IS FIXED BY 4 SCREWS AT CORNERS								
D: WITH AIR DEFLECTORS -: WITHOUT AIR DEFLECTORS								
PT: WITH PLENUM BOX & SPIGOT AT TOP PS: WITH PLENUM BOX & SPIGOT AT SIDE								
V: WITH VOLUME CONTROL DAMPER TO BE FIXED AT SPIGOT OF PLENUM BOX								
SIZE: FACE SIDE OR DIAMETER / NO. OF PLASTIC DEFLECTORS 300/8, 400/16, 500/16, 600/16, 625/16, 500/24, 600/24, 625/24, 600/48, 625/54, 800/72 OR 825/72								

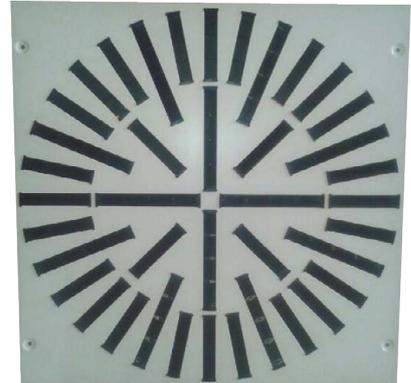




ADJUSTABLE RADIAL-STAR DEFLECTION TYPE - MODEL SW3

STANDARD CONSTRUCTION

- A radial-star array of adjustable black plastic cylindrical deflectors attached to slots into a square steel panel.
- With one counter sunk hole at the center for fixing.
- Powder coated to RAL 9010/9016.



Model SW3

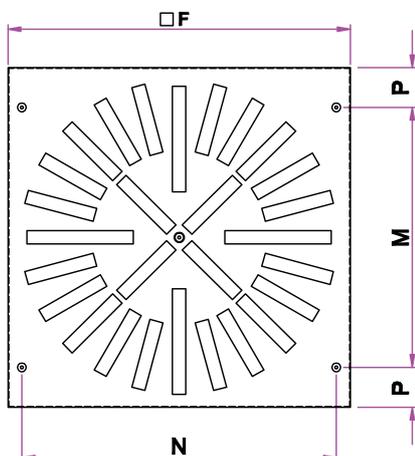
APPLICATION

- For ceiling heights up to 4m.
- For high induction requirements (with VAV)
- For adjustable swirl air pattern.
- For Supply & Return air use.

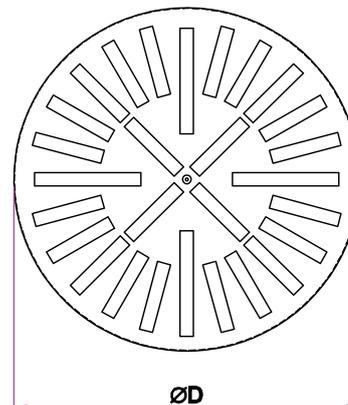
DIMENSIONS

Size	mm				mm ²	
	□F	P	M	N	A _{ef} SS	A _{ef} SR
310	308	59	190	270	0.019	0.012
400	398	64	270	360	0.025	0.025
500	498	64	370	460	0.052	0.039
600	598	69	460	560	0.072	0.057
625	623	81.5	460	560	0.072	0.057
800	798	124	550	760	0.136	0.094

SW3-SR4



SW3-R

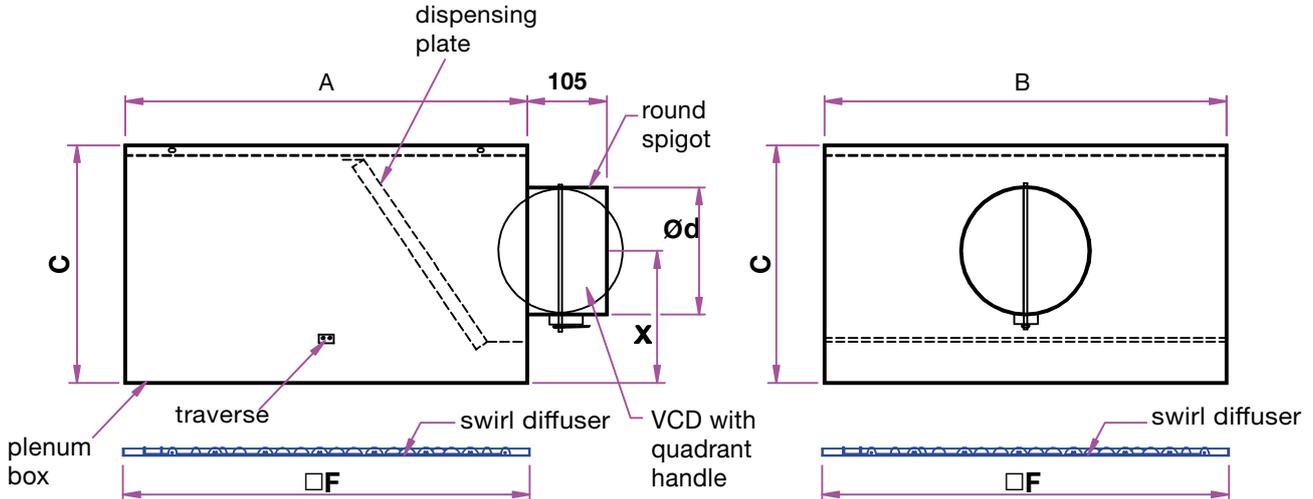




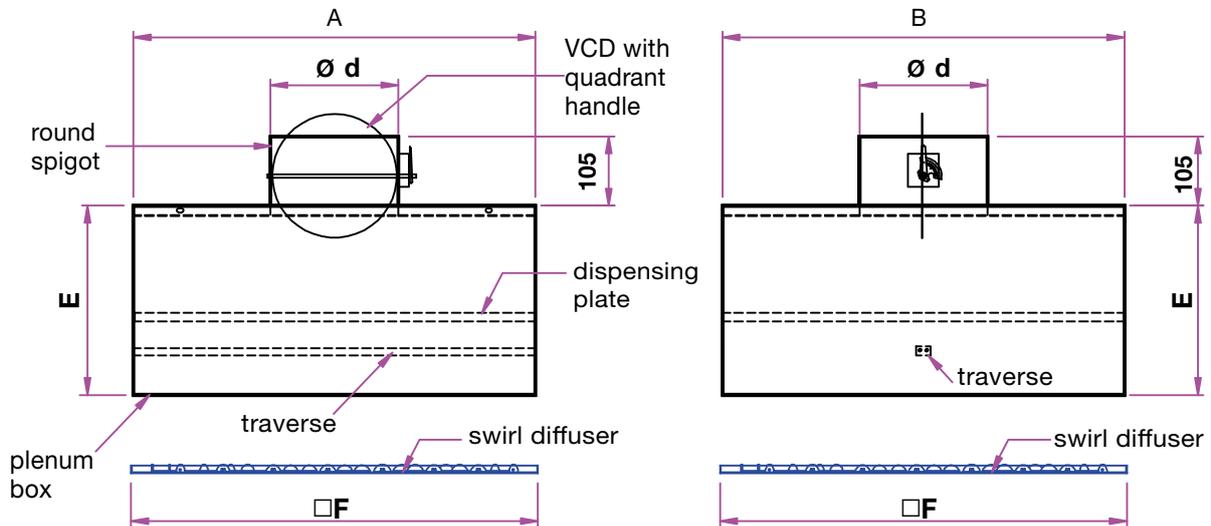
ADJUSTABLE RADIAL-STAR DEFLECTION TYPE - MODEL SW3

DIMENSIONS

SQUARE TYPE WITH PLENUM BOX & VCD AT SIDE SPIGOT: MODEL SW3SRIDPSV



SQUARE TYPE WITH PLENUM BOX & VCD AT TOP SPIGOT: MODEL SW3SRIDPTV



Size	mm						
	□F	A	B	C	X	E	Ød
310 SR, SS	308	325	325	240	137	200	158
400 SR, SS	398	390	390	290	167	240	198
500 SR, SS	498	590	590	325	177	240	248
600 SR, SS	598	590	590	325	177	240	248
625 SR, SS	623	590	590	325	177	240	248
800 SR, SS	798	790	790	450	250	300	313

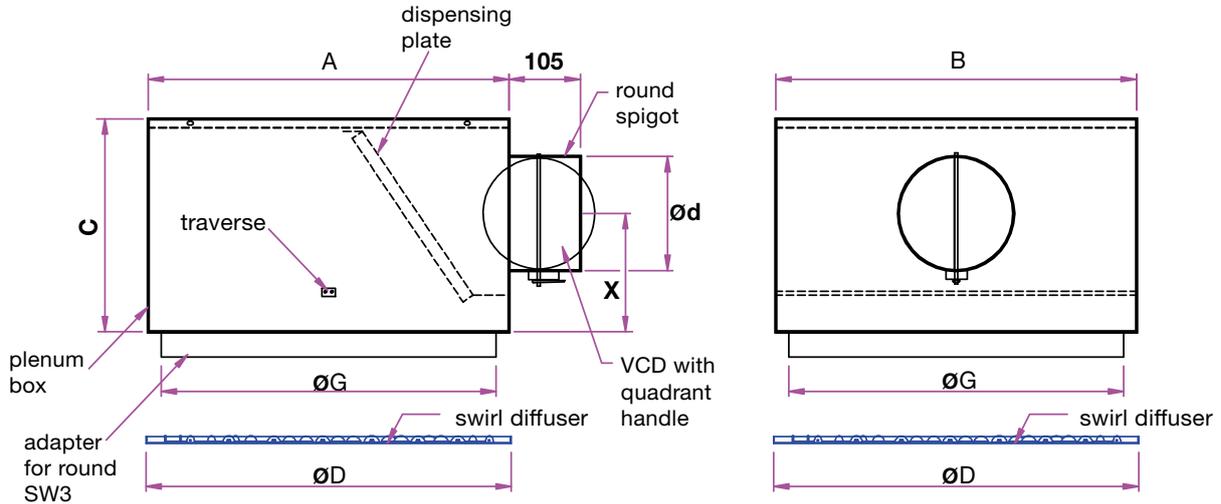




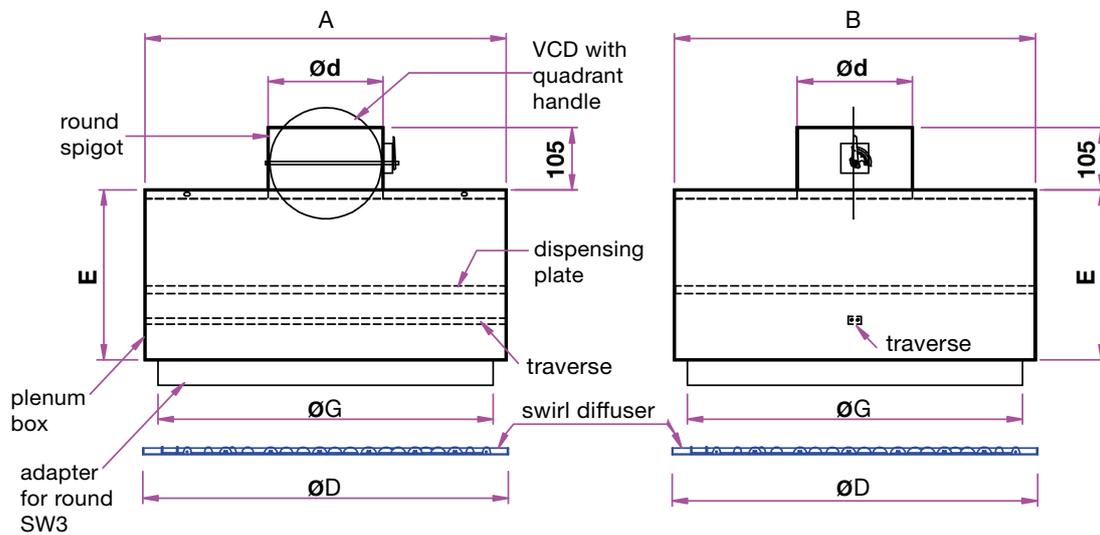
ADJUSTABLE RADIAL-STAR DEFLECTION TYPE - MODEL SW3

DIMENSIONS

ROUND TYPE WITH PLENUM BOX & VCD AT SIDE SPIGOT: MODEL SW3RRDPSV



ROUND TYPE WITH PLENUM BOX & VCD AT TOP SPIGOT: MODEL SW3RRDPTV



Size	mm							
	ØD	ØG	A	B	C	E	X	Ød
310	310	300	320	320	240	200	137	158
400	400	370	390	390	290	240	167	198
500	500	470	490	490	325	240	177	248
600	600	570	590	590	325	240	177	248
625	625	570	590	590	325	240	177	248
800	800	760	790	790	450	300	250	313





ADJUSTABLE RADIAL-STAR DEFLECTION TYPE - MODEL SW3

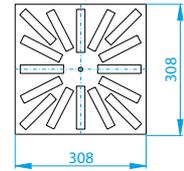
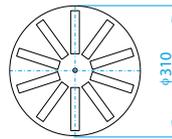
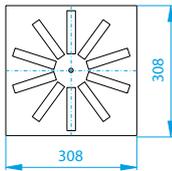
SIZES & DEFLECTORS ARRAY

SW3-SR

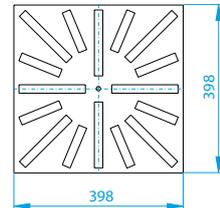
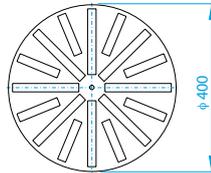
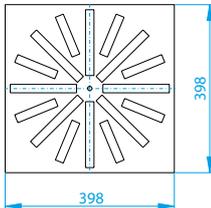
SW3-R

SW3-SS

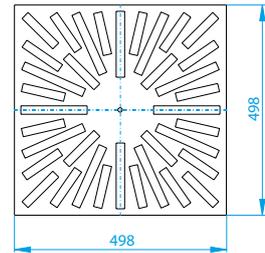
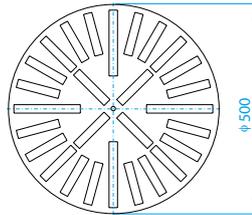
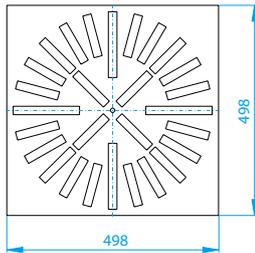
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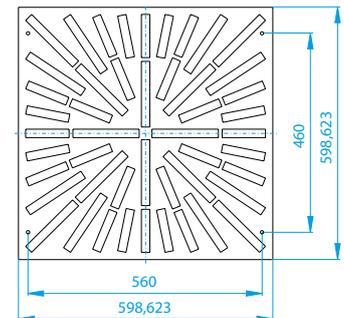
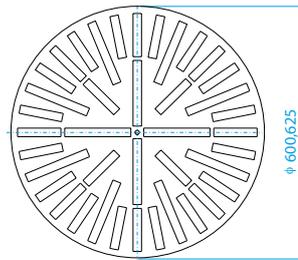
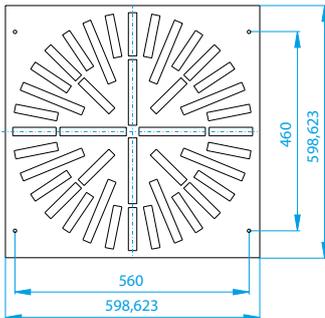
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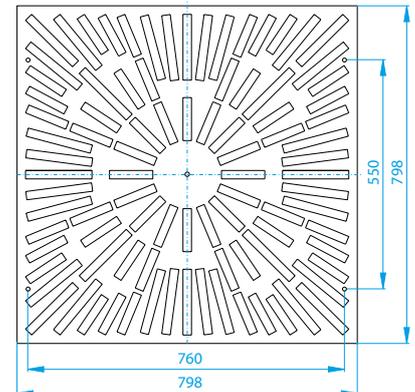
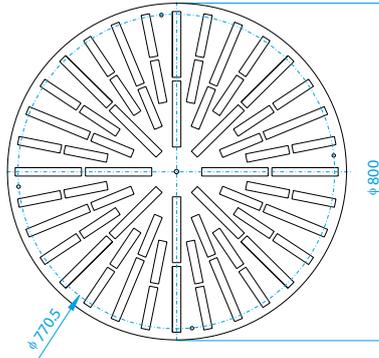
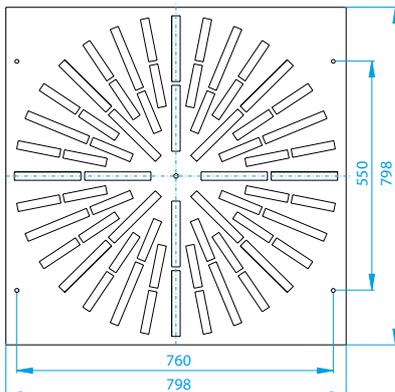
SIZE 500



SIZES 600 & 625



SIZE 800

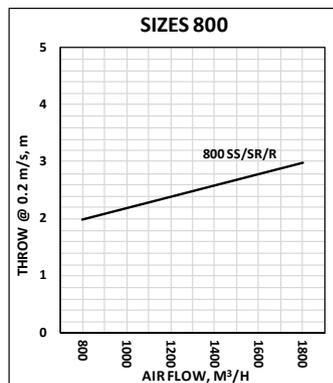
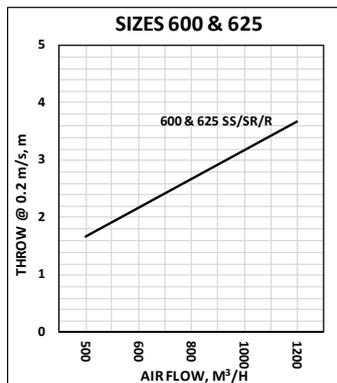
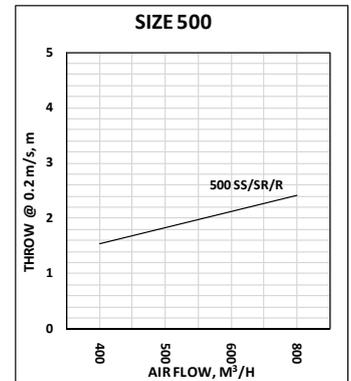
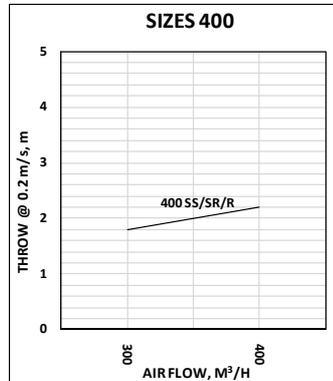
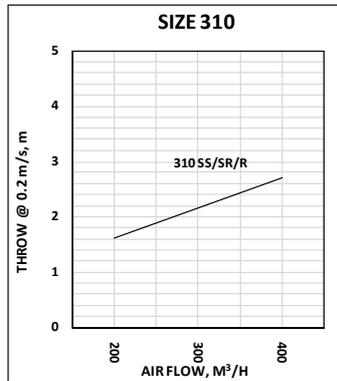




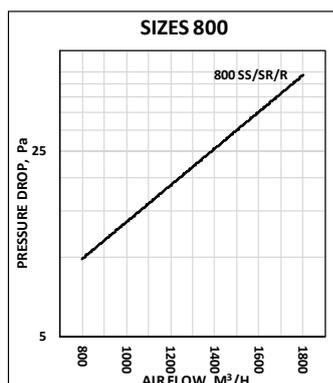
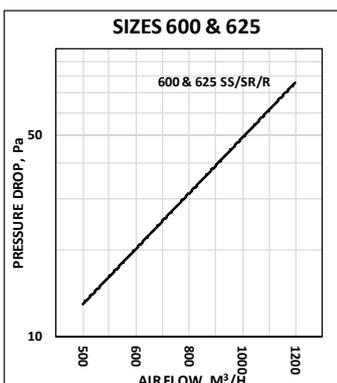
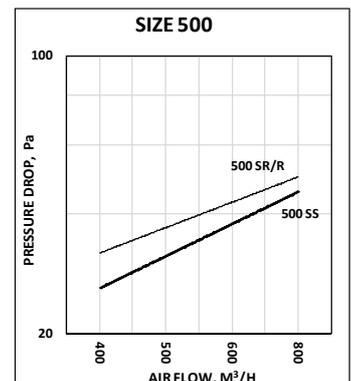
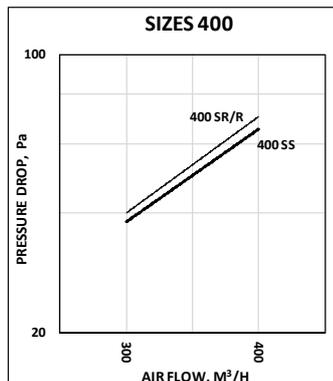
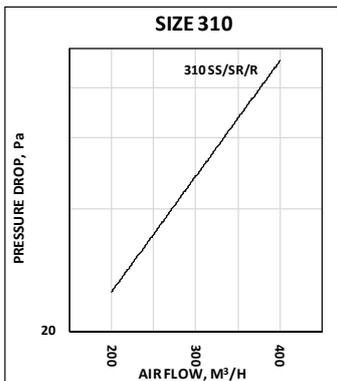
ADJUSTABLE RADIAL-STAR DEFLECTION TYPE - MODEL SW3

PERFORMANCE DATA

THROW:



PRESSURE DROP:

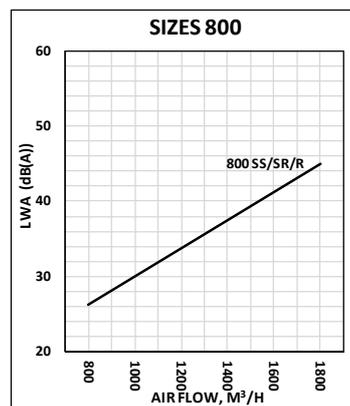
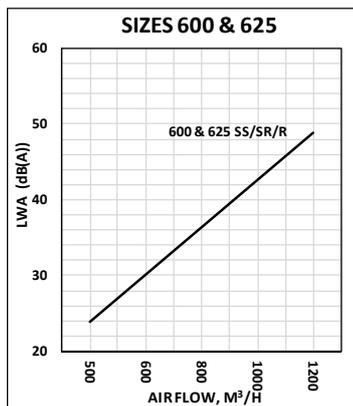
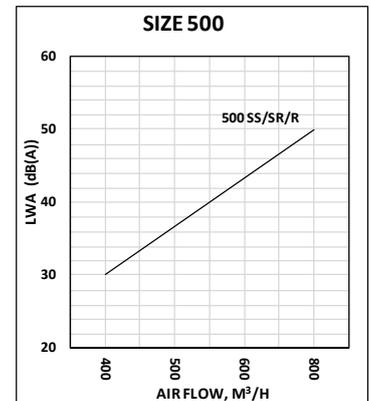
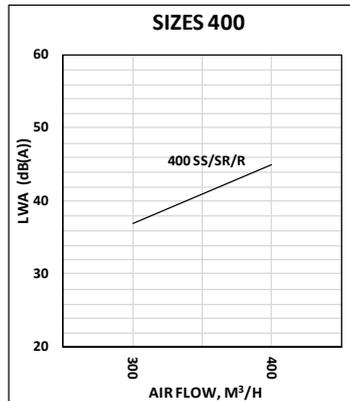
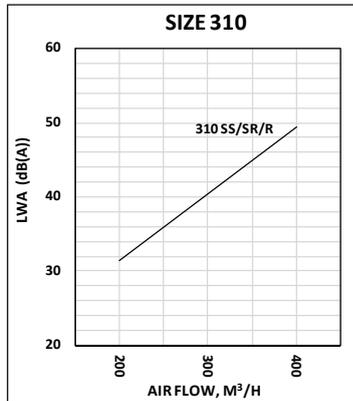




ADJUSTABLE RADIAL-STAR DEFLECTION TYPE - MODEL SW3

PERFORMANCE DATA

SOUND DATA:



Ordering Key:

S	W	3	S	R	I	D	PT	V	600
SWIRL DIFFUSER TYPE 3 ADJUSTABLE RADIAL-STAR DEFLECTION									
S: SQUARE FACE R: ROUND FACE									
S: SQUARE ARRANGEMENT OF DEFLECTORS R: ROUND ARRANGEMENT OF DEFLECTORS									
I: FACE IS FIXED BY I SCREW AT CENTER 4: FACE IS FIXED BY 4 SCREWS AT CORNERS									
D: WITH AIR DEFLECTORS -: WITHOUT AIR DEFLECTORS									
PT: WITH PLENUM BOX & SPIGOT AT TOP PS: WITH PLENUM BOX & SPIGOT AT SIDE									
V: WITH VOLUME CONTROL DAMPER TO BE FIXED AT SPIGOT OF PLENUM BOX									
SIZE: FACE SIDE OR DIAMETER 310, 400, 500, 600, 625 OR 800									



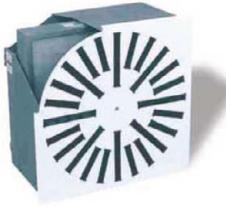


MISCELLANEOUS MODELS

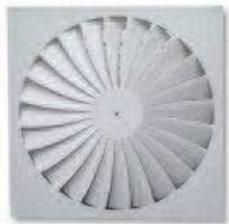
Other types of swirl diffusers and jet nozzles can also be supplied on request:



FOR HUGE AIR CAPACITIES AND CEILINGS HEIGHTS UP TO 12m.



FOR CLEAN ROOM APPLICATIONS (WITH BUILT-IN HEPA FILTERS).



WITH RADIAL CURVED FIXED SLOT TYPE DEFLECTION



DRUM DIFFUSERS (RECTANGULAR JET NOZZLES)



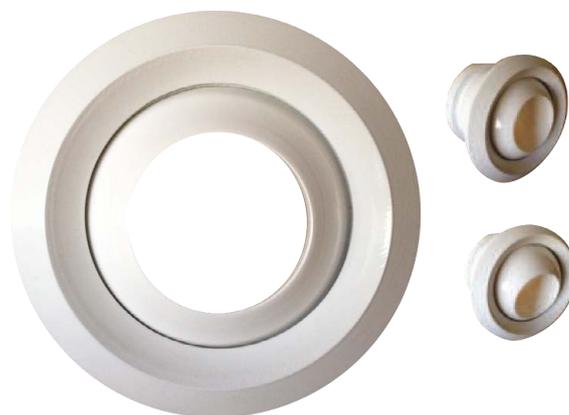


EYE-BALL JET NOZZLE - BJN MODEL

CONSTRUCTION

- BJN is particularly designed for long-throw cooling or heating applications.
- 360° Adjustable air direction within $\pm 30^\circ$ degrees angle.
- Made of Aluminium construction.
- Powder coated finish to RAL 9010/9016.
- Fixing by means of screws hidden behind front frame.
- BJNP model combines more than one nozzle within rectangular panel; as a set of 2, 3 or 4 nozzles per panel.

Model BJN



Model BJN

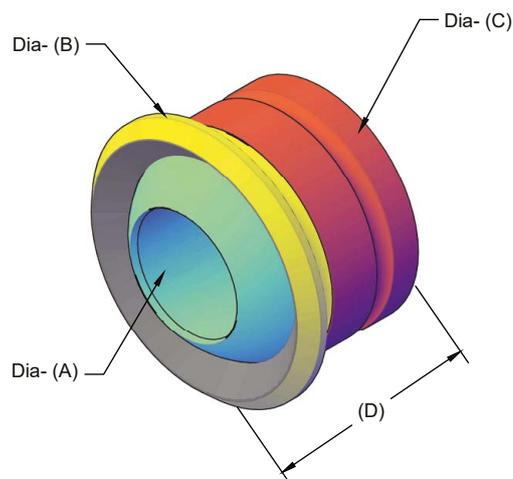
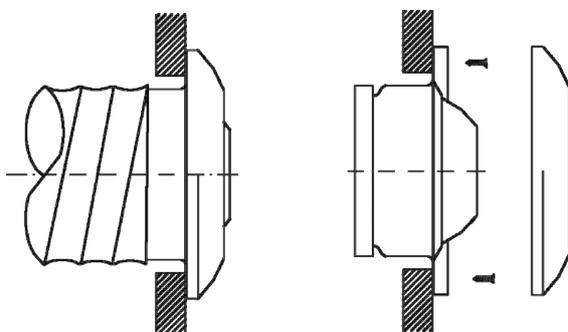


Model BJNP

DIMENSIONS

Size	Dimensions in mm			
	A	B	C	D
125	60	172	125	102
160	76	199	151	128
200	106	264	201	142
250	127	309	249	199
315	180	377	315	217
400	220	468	399	224

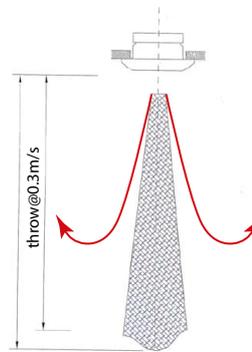
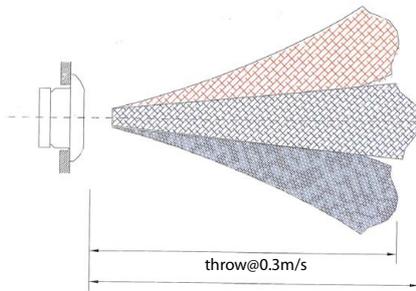
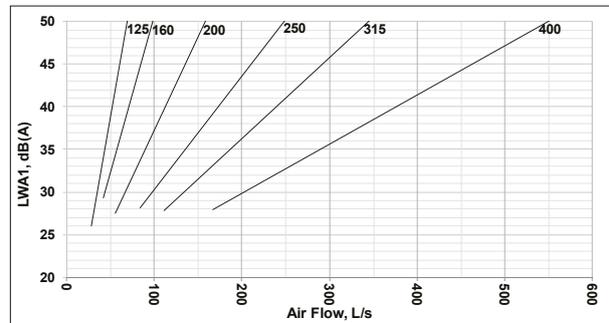
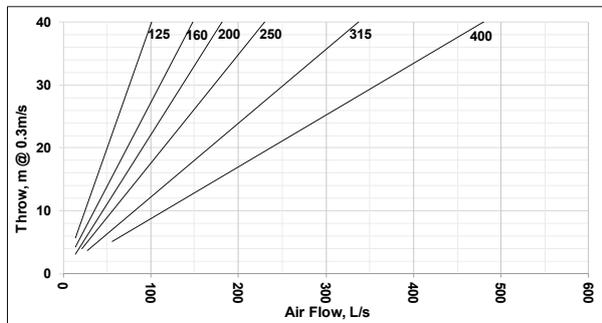
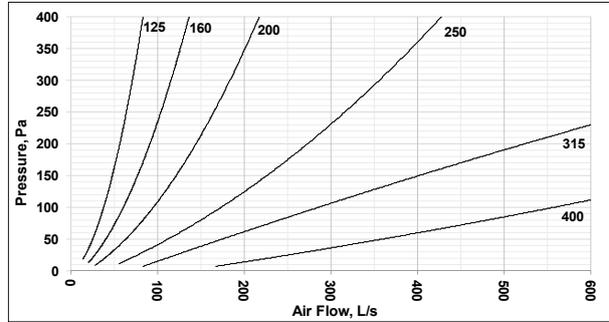
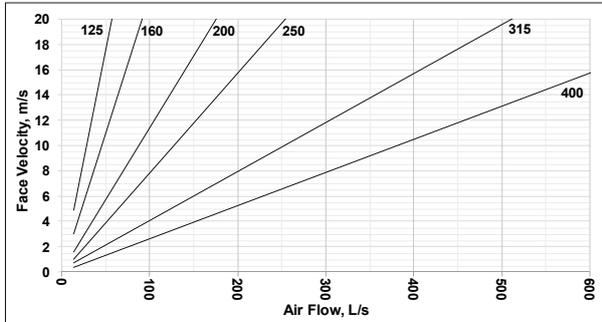
INSTALLATION





EYE-BALL JET NOZZLE - BJN MODEL

PERFORMANCE DATA



Ordering Key:

B	J	N	P	3	2	0	0
EYE-BALL JET NOZZLE							
-: INDIVIDUAL NOZZLE _ STANDARD							
P: NOZZLES COMBINED ON A PANEL							
NO. OF NOZZLES (1-4) COMBINED ON A PANEL FOR BJNP MODEL ONLY							
SIZE: 125, 160, 200, 250, 315 OR 400							





CYLINDRICAL JET NOZZLE - CJN MODEL

CONSTRUCTION

- CJN is particularly designed for long-throw cooling or heating applications.
- 180° Adjustable air direction within $\pm 30^\circ$ degrees angle.
- Made of Aluminium construction.
- Powder coated finish to RAL 9010/9016.
- Fixing by means of C-shaped channel and hidden screws at the neck of the nozzle.
- CJNP model combines more than one nozzle within rectangular panel; as a set of 2, 3 or 4 nozzles per panel.

Model CJN



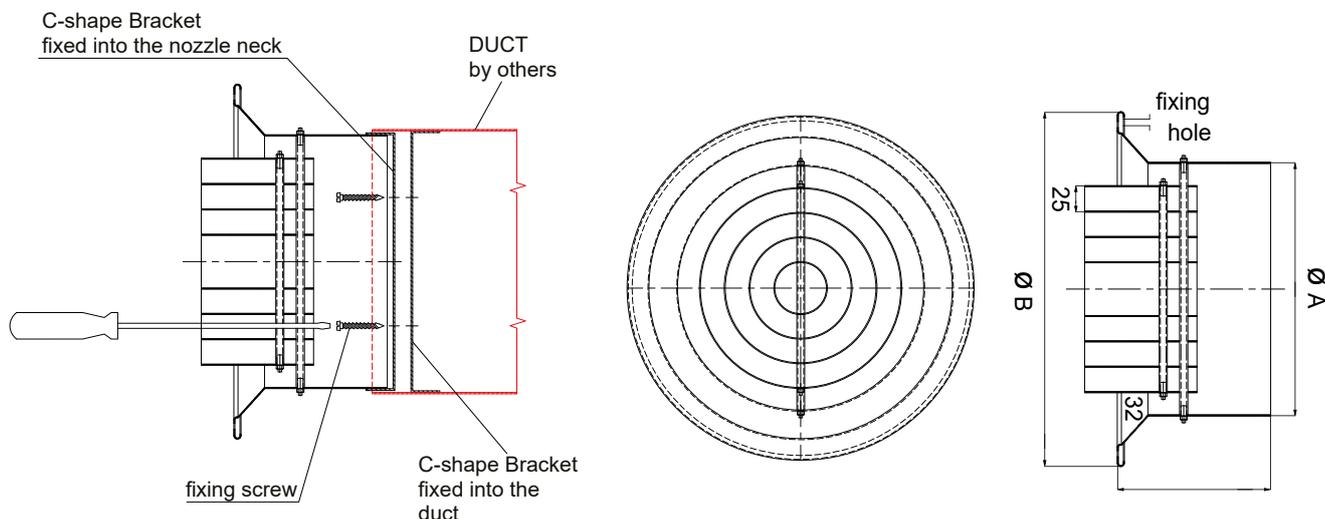
DIMENSIONS

Size	ØA mm	ØB mm
200	204	303
250	253	353
300	302	402
350	353	452
400	402	503

Model CJNP



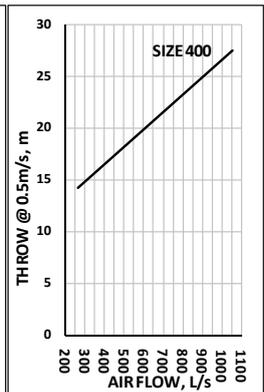
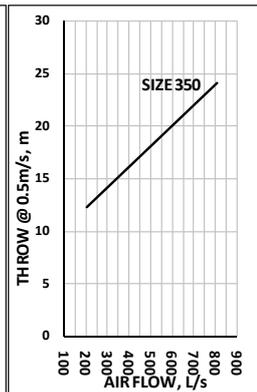
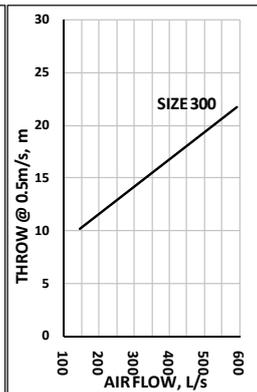
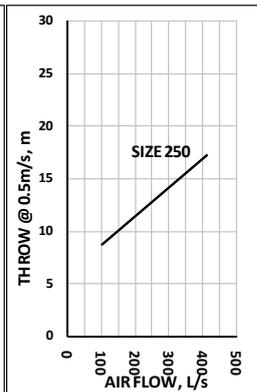
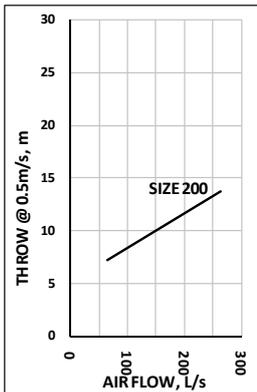
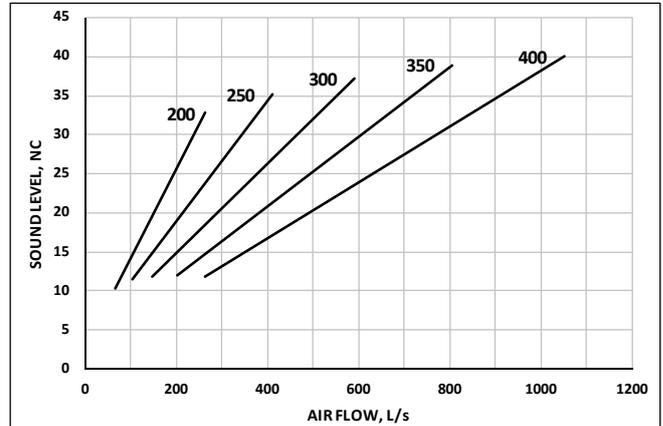
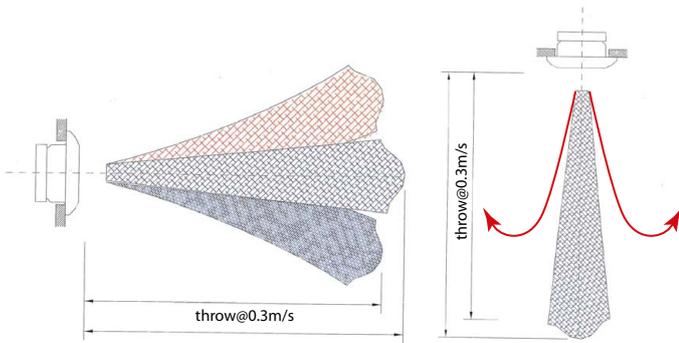
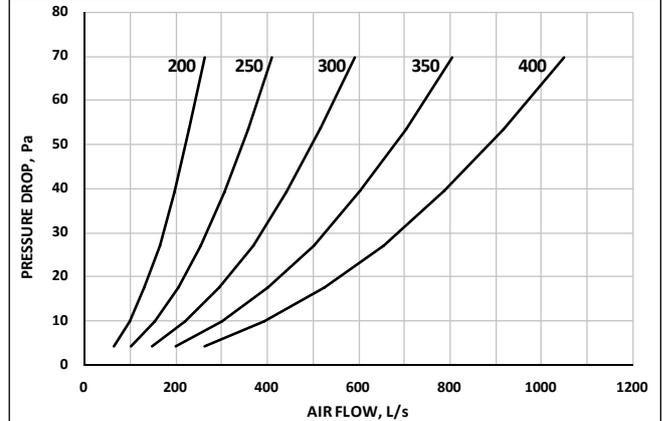
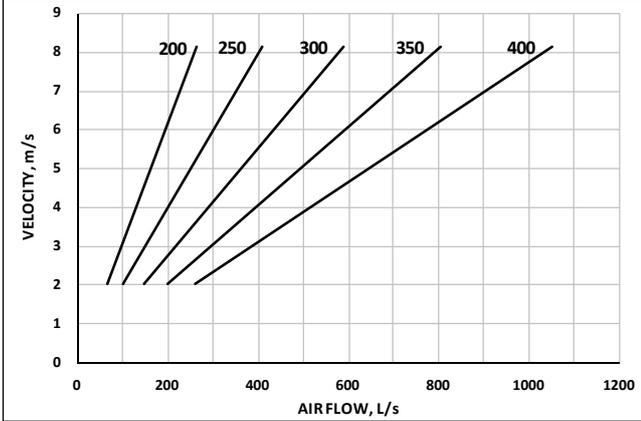
INSTALLATION





CYLINDRICAL JET NOZZLE - CJN MODEL

PERFORMANCE DATA



Ordering Key:

C	J	N	P	3	2	5	0
CYLINDRICAL JET NOZZLE							
-: INDIVIDUAL NOZZLE _ STANDARD							
P: NOZZLES COMBINED ON A PANEL							
NO. OF NOZZLES (1-4) COMBINED ON A PANEL FOR CJNP MODEL ONLY							
SIZE: 200, 250, 300, 350. OR 400							





NOTES :

Area with horizontal dashed lines for notes.





BETA

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