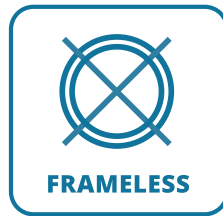


LINE





FRAMELESS



PLASTERED - IN



PAINTABLE



The Ventmann LINE vent diffuser is an elegant and flexible interior design solution. With this model, you can create strikingly unique interior elements. Or you can make the diffusers virtually invisible. It is your choice.

The Ventmann LINE vent diffuser is available with varying numbers of slots, and in varying sizes. The SLIM version is ideal if you aim to have the diffusers virtually invisible. By contrast, you can also make the diffusers a design feature. For example, our LINE diffusers can be used as imitations to create a continuous line without any breaks.

This is a model that is engineered for practicality. These diffusers, like all of our models, can be painted using the same paint as the other surfaces in the room. This means there are no frames and the diffusers are seamlessly and elegantly integrated. The connections used are simple and unobtrusive, and our LINE model does not require lowering of the ceiling height.

The Ventmann LINE vent diffuser is also versatile. It can be adapted in a range of different ways to suit your project's needs. Our standard LINE vent diffuser is available:

- In 1-slot, 2-slot or 3-slot versions
- In standard lengths of 625mm, 1000mm and 1250mm
- With slot widths of either 12mm or 18mm.

If your project requires non-standard solutions or specific dimensions, we are happy to help.

To see just how easy it is to install the Ventmann LINE vent diffuser, have a look at our product showcase video.

And our catalogue contains all of the technical information about this model, so you can explore all of its possibilities and see how it would fit with your project.



LINE / PLINE



CIRCLE / PCIRCLE



SQUARE



ART



Installation:
video instructions
 **YouTube**



Download a digital
version of the catalog
 **Download**

LINE SERIES TECHNICAL PARAMETERS

SUPPLY

m³/h	dim (mm)	625 1 18	625 1 18D	625 2 18	625 2 18D	625 3 18	625 3 18D	1000 1 18	1000 1 18 D	1000 2 18	1000 2 18 D	1000 3 18	1000 3 18 D	1250 1 18
	Ak (m²)	0,0067	0,00579	0,0134	0,01158	0,02	0,0173	0,0107	0,00926	0,0214	0,0185	0,0321	0,0278	0,0135
60	X (m)	1,8	2		1,3				1,2					
	Pt (Pa)	4	10		3				3					
	SPLA (dB (A))	<20	<20		<20				<20					
80	X (m)	2,4	2,7	1,6	1,8		0,8		1,6					
	Pt (Pa)	6	15	2	5		3		8					
	SPLA (dB (A))	<20	<20	<20	<20		<20		<20					
100	X (m)	2,9	3,3	2	2,2		1	1,8	2		1,2			
	Pt (Pa)	9	23	3	9		4	4	13		2			
	SPLA (dB (A))	<20	<20	<20	<20		<20	<20	<20		<20			
160	X (m)	4,7	5,3	3,1	3,6	1,4	1,6	2,8	3,1		1,9		1,3	2,6
	Pt (Pa)	21	59	5	21	3	10	6	30		9		2	2
	SPLA (dB (A))	<20	21	<20	<20	<20	<20	<20	<20		<20		<20	<20
200	X (m)	5,9	6,7	3,9	4,4	1,8	2	3,5	3,9	2	2,4		1,6	3,3
	Pt (Pa)	36	93	9	31	4	15	9	47	3	15		5	5
	SPLA (dB (A))	23	26	<20	<20	<20	<20	<20	<20	<20	<20		<20	<20
300	X (m)	8,8		5,9	6,7	2,6	3	5,3	5,9	3	3,6	2,2	2,4	4,9
	Pt (Pa)	82		24	72	10	35	19	105	6	32	3	16	12
	SPLA (dB (A))	32		<20	22	<20	<20	24	26	<20	<20	<20	<20	<20
400	X (m)			7,8		3,5	4	7		4	4,8	2,9	3,2	6,6
	Pt (Pa)			44		17	60	37		10	55	6	27	22
	SPLA (dB (A))			26		<20	22	30		<20	21	<20	<20	26
500	X (m)			9,8		4,4	5	8,8		5	6	3,6	4	8,2
	Pt (Pa)			70		27	90	61		17	85	9	41	33
	SPLA (dB (A))			31		24	27	35		23	25	<20	<20	31
600	X (m)					5,3		10,5		5,9		4,4	4,8	9,8
	Pt (Pa)					37		92		26		13	60	48
	SPLA (dB (A))					28		39		27		<20	22	35
700	X (m)					6,1				6,9		5,1	5,6	11,5
	Pt (Pa)					50				37		19	82	67
	SPLA (dB (A))					31				30		23	26	38
800	X (m)									7,9		5,8		13,1
	Pt (Pa)									49		26		95
	SPLA (dB (A))									33		26		41
900	X (m)									8,9				
	Pt (Pa)									63				
	SPLA (dB (A))									36				
1000	X (m)									9,9				
	Pt (Pa)									80				
	SPLA (dB (A))									38				

D - deflector for 18mm only

Ak (m²) - effective area

X (m) - Throw distance (0,25 m/s)

Pt (Pa) - Pressure drop in the diffuser

SPLA (dB(A)) - Sound pressure level at 1m distance from the diffuser

	Green	Yellow	Red
X (m)	When short throw distance is needed	When average throw distance is needed	When bigger throw distance is needed
Pa	Where low pressure drop is required	Where medium pressure drop is suitable	Where big pressure drop is suitable
SPLA	Rooms with no ambient noise (Bedroom)	Rooms with medium ambient noise (Lobby)	Rooms with ambient noise (Office room)

* IMPORTANT: This information is for guidance only, please consult your HVAC professional for you specific requirements.

m³/h	dim (mm)	1250 1 18D	1250 2 18	1250 2 18D	1250 3 18	1250 3 18D	625 1 12	625 2 12	625 3 12	1000 1 12	1000 2 12	1000 3 12	1250 1 12	1250 2 12	1250 3 12
	Ak (m²)	0,01162	0,027	0,0232	0,0405	0,03486	0,00444	0,00888	0,0133	0,0071	0,0142	0,0213	0,0144	0,0288	0,0432
60	X (m)	1,1					1,8								
	Pt (Pa)	2					4								
	SPLA (dB (A))	<20					<20								
80	X (m)	1,5					2,4	1,2		1,4					
	Pt (Pa)	5					7	3		2					
	SPLA (dB (A))	<20					<20	<20		<20					
100	X (m)	1,9					3	1,4		1,7					
	Pt (Pa)	9					11	4		4					
	SPLA (dB (A))	<20					<20	<20		<20					
160	X (m)	3		1,5			4,8	2,3	2,1	2,8	1,6		2,4		
	Pt (Pa)	20		6			29	11	5	10	2		5		
	SPLA (dB (A))	<20		<20			25	<20	<20	<20	<20		<20		
200	X (m)	3,8	1,7	1,9			6,1	2,9	2,6	3,4	2		3	1,9	
	Pt (Pa)	30	2	9			45	18	7	15	4		9	3	
	SPLA (dB (A))	<20	<20	<20			30	<20	<20	22	<20		<20	<20	
300	X (m)	5,7	2,5	2,9		2,2	9,1	4,3	3,9	5,2	3	1,9	4,5	2,8	2,4
	Pt (Pa)	65	4	20		9	95	38	17	34	11	5	20	6	4
	SPLA (dB (A))	22	<20	<20		<20	39	27	20	31	<20	<20	<20	<20	<20
400	X (m)		3,3	3,8	2,4	2,9		5,8	5,3	6,9	4	2,5	6,1	3,7	3,2
	Pt (Pa)		7	35	3	16		72	29	62	20	10	35	11	6
	SPLA (dB (A))		<20	<20	<20	<20		33	26	37	25	<20	25	<20	<20
500	X (m)		4,2	4,8	2,9	3,7			6,6	8,6	5	3,1	7,6	4,6	4
	Pt (Pa)		12	54	5	26			45	95	30	17	52	18	10
	SPLA (dB (A))		<20	22	<20	<20			31	42	30	23	30	<20	<20
600	X (m)		5	5,7	3,5	4,4			7,9		6	3,8	9,1	5,6	4,8
	Pt (Pa)		17	75	7	36			64		45	25	76	27	15
	SPLA (dB (A))		23	25	<20	<20			35		34	27	34	22	<20
700	X (m)		5,8		4,1	5,1			9,2		7	4,4		6,5	5,6
	Pt (Pa)		24		10	50			95		65	35		37	22
	SPLA (dB (A))		26		<20	22			38		37	30		25	<20
800	X (m)				4,7	5,9					8	5		7,4	6,3
	Pt (Pa)				13	67					88	46		49	30
	SPLA (dB (A))				22	25					40	33		28	21
900	X (m)				5,3	6,6						5,7		8,3	7,1
	Pt (Pa)				16	85						60		63	40
	SPLA (dB (A))				25	27						36		31	23
1000	X (m)				5,9	7,4						6,3			7,9
	Pt (Pa)				20	115						75			52
	SPLA (dB (A))				27	29						38			26

LINE SERIES TECHNICAL PARAMETERS

EXHAUST

m³/h	dim (mm)	625 1 18	625 2 18	625 3 18	1000 1 18	1000 2 18	1000 3 18	1250 1 18	1250 2 18	1250 3 18
	Ak (m²)	0,0067	0,0134	0,02	0,0107	0,0214	0,0321	0,0135	0,027	0,0405
60	Pt (Pa)	2	1							
	SPLA (dB (A))	<20	<20							
80	Pt (Pa)	4	2							
	SPLA (dB (A))	<20	<20							
100	Pt (Pa)	6	2	2	2					
	SPLA (dB (A))	<20	<20	<20	<20					
160	Pt (Pa)	16	4	4	5			2		
	SPLA (dB (A))	<20	<20	<20	<20			<20		
200	Pt (Pa)	25	6	7	8			4		
	SPLA (dB (A))	23	<20	<20	<20			<20		
300	Pt (Pa)	60	14	12	18	3		11	3	
	SPLA (dB (A))	32	<20	<20	24	<20		<20	<20	
400	Pt (Pa)	105	24	17	33	6	4	20	5	2
	SPLA (dB (A))	38	26	<20	30	<20	<20	26	<20	<20
500	Pt (Pa)		37	24	51	10	5	30	8	3
	SPLA (dB (A))		31	24	35	23	<20	31	<20	<20
600	Pt (Pa)		56	33	80	15	7	42	12	4
	SPLA (dB (A))		35	28	39	27	<20	35	23	<20
700	Pt (Pa)					21	9	58	16	6
	SPLA (dB (A))					30	23	38	26	<20
800	Pt (Pa)					28	12	80	22	8
	SPLA (dB (A))					33	26	41	29	22
900	Pt (Pa)						15			11
	SPLA (dB (A))						29			25
1000	Pt (Pa)									14
	SPLA (dB (A))									27

D - deflector for 18mm only

Ak (m²) - effective area

Pt (Pa) - Pressure drop in the diffuser

SPLA (dba) - Sound pressure level at 1m distance from the diffuser

	Green	Yellow	Red
X (m)	When short throw distance is needed	When average throw distance is needed	When bigger throw distance is needed
Pa	Where low pressure drop is required	Where medium pressure drop is suitable	Where big pressure drop is suitable
SPLA	Rooms with no ambient noise (Bedroom)	Rooms with medium ambient noise (Lobby)	Rooms with ambient noise (Office room)

* IMPORTANT: This information is for guidance only, please consult your HVAC professional for you specific requirements.

m³/h	dim (mm)	625 1 12	625 2 12	625 3 12	1000 1 12	1000 2 12	1000 3 12	1250 1 12	1250 2 12	1250 3 12
	Ak (m²)	0,00444	0,00888	0,0133	0,0071	0,0142	0,0213	0,0144	0,0288	0,0432
60	Pt (Pa)	4								
	SPLA (dB (A))	<20								
80	Pt (Pa)	6								
	SPLA (dB (A))	<20								
100	Pt (Pa)	10	3		3					
	SPLA (dB (A))	<20	<20		<20					
160	Pt (Pa)	25	7	4	8			3		
	SPLA (dB (A))	25	<20	<20	<20			<20		
200	Pt (Pa)	39	12	5	13	4		6	2	
	SPLA (dB (A))	30	<20	<20	22	<20		<20	<20	
300	Pt (Pa)	84	28	10	30	9	4	16	4	2
	SPLA (dB (A))	39	27	20	31	<20	<20	<20	<20	<20
400	Pt (Pa)		49	19	56	16	8	29	7	4
	SPLA (dB (A))		33	26	37	25	<20	25	<20	<20
500	Pt (Pa)		77	30	88	26	12	45	11	6
	SPLA (dB (A))		38	31	42	30	23	30	<20	<20
600	Pt (Pa)			45		37	18	65	17	9
	SPLA (dB (A))			35		34	27	34	22	<20
700	Pt (Pa)					52	25	93	25	13
	SPLA (dB (A))					37	30	37	25	<20
800	Pt (Pa)					72	33		34	18
	SPLA (dB (A))					40	33		28	21
900	Pt (Pa)						42		45	24
	SPLA (dB (A))						36		31	23
1000	Pt (Pa)						53			31
	SPLA (dB (A))						38			26

LINE 1/12



1
AMOUNT OF SLOTS

12 mm
WIDTH OF SLOT

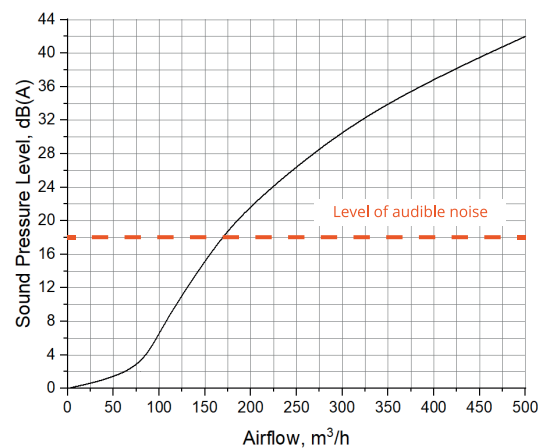
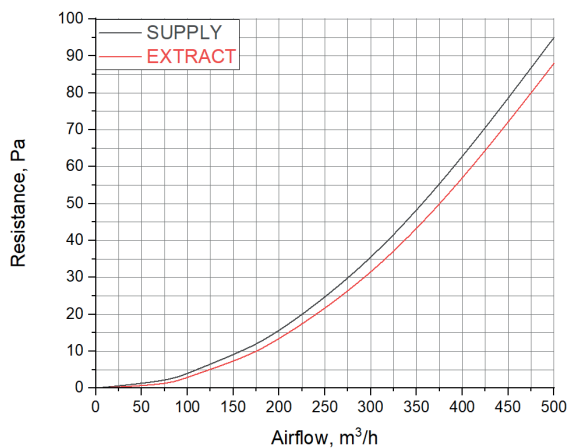
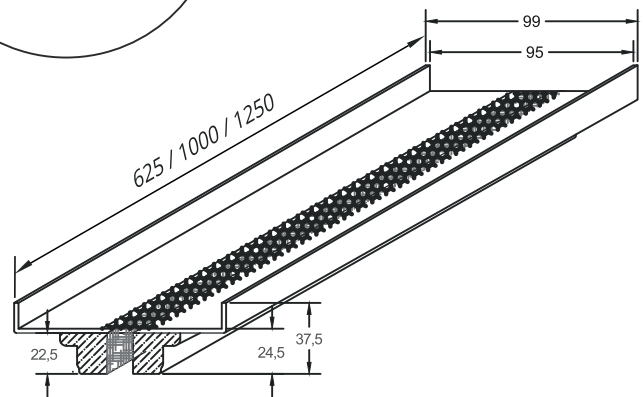
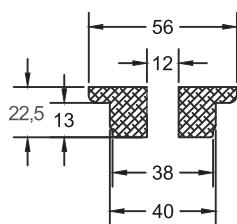
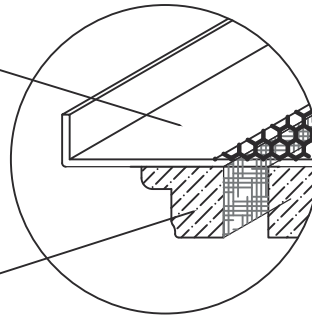
2.5 kg
1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250
STANDARD SLOT LENGTH (MM)

A **PLENUM BOX
CONNECTION TYPE**

Steel punched sheet. Distributes the air supply through the diffuser.

Gypsum mix segment. Sanded, puttied, painted. Suitable for all operations in combination with surface finishing



Note: Data charts reflect measurements for the 1 m length model.

LINE 1/18



1
AMOUNT OF SLOTS

18 mm
WIDTH OF SLOT

2.5 kg
1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250
STANDARD SLOT LENGTH (MM)

OPTIONAL:

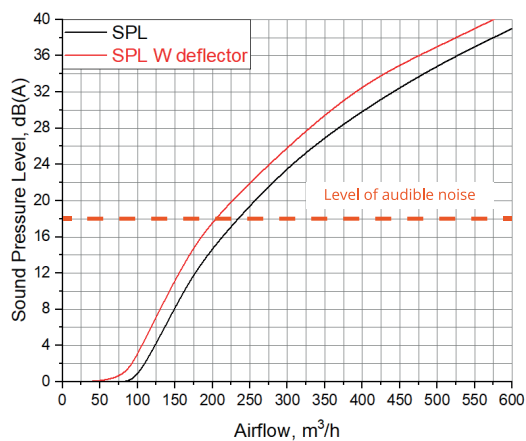
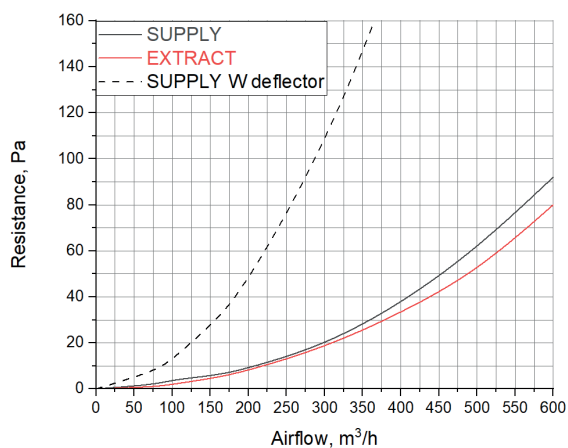
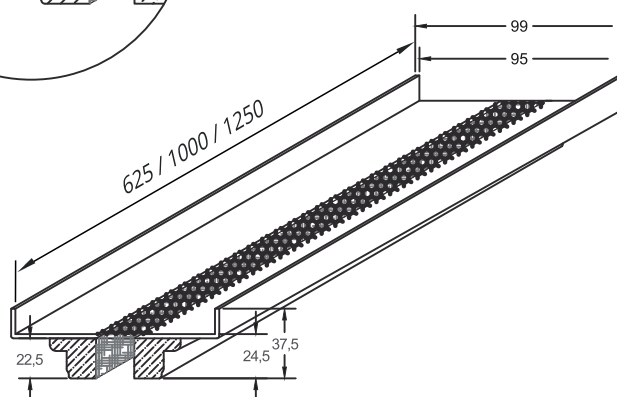
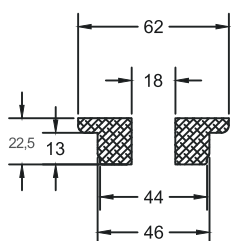
Deflector

SPECIAL CONSTRUCTION, CAN BE
ADDED ANYTIME LATER

A **PLENUM BOX
CONNECTION TYPE**

Steel punched sheet. Distributes the air supply
through the diffuser.

Gypsum mix segment. Sanded, puttied,
painted. Suitable for all operations in
combination with surface finishing



Note: Data charts reflect measurements for the 1 m length model.

LINE 2/12



2 12 mm
AMOUNT OF SLOTS WIDTH OF SLOT

2.735 kg

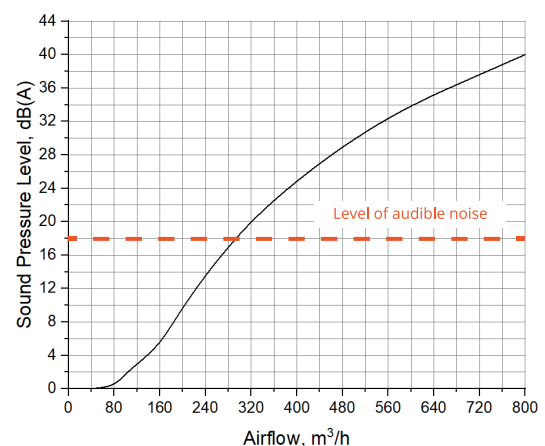
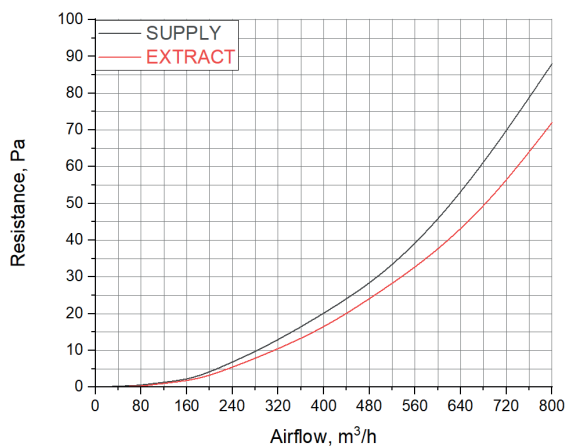
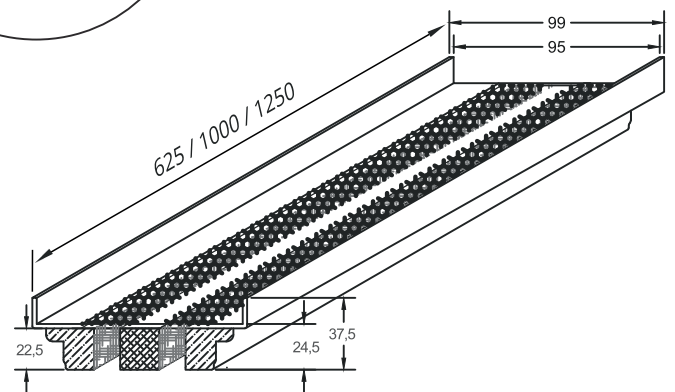
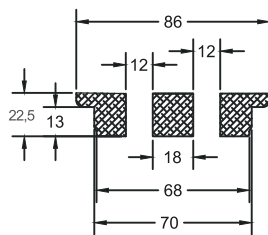
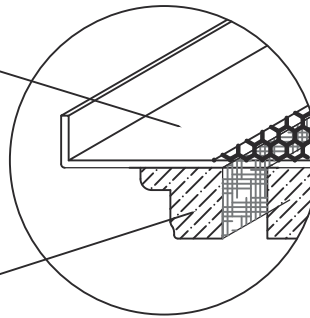
1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250
STANDARD SLOT LENGTH (MM)

A PLENUM BOX
CONNECTION TYPE

Steel punched sheet. Distributes the air supply through the diffuser.

Gypsum mix segment. Sanded, puttied, painted. Suitable for all operations in combination with surface finishing



Note: Data charts reflect measurements for the 1 m length model.

LINE 2/18



2 18 mm
AMOUNT OF SLOTS WIDTH OF SLOT

2.735 kg
1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250
STANDARD SLOT LENGTH (MM)

OPTIONAL:

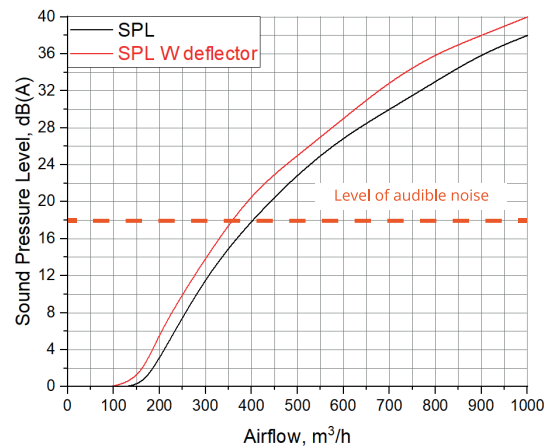
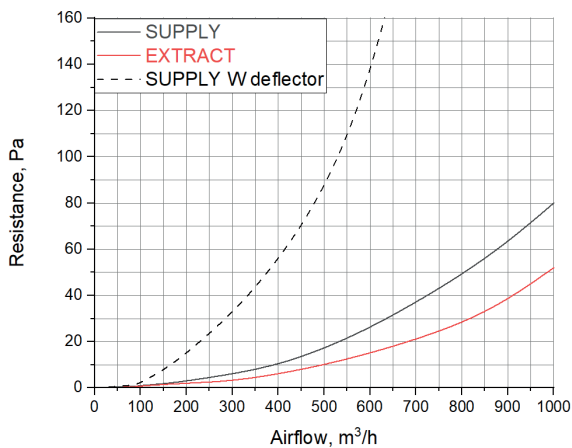
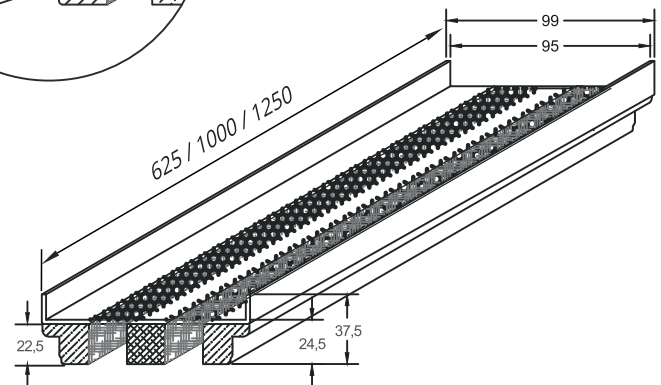
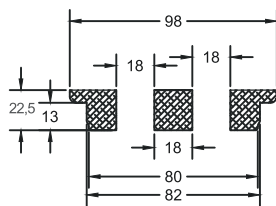
Deflector

SPECIAL CONSTRUCTION, CAN BE
ADDED ANYTIME LATER

A PLENUM BOX
CONNECTION TYPE

Steel punched sheet. Distributes the air supply
through the diffuser.

Gypsum mix segment. Sanded, puttied,
painted. Suitable for all operations in
combination with surface finishing



Note: Data charts reflect measurements for the 1 m length model.

LINE 3/12



3
AMOUNT OF SLOTS

12 mm
WIDTH OF SLOT

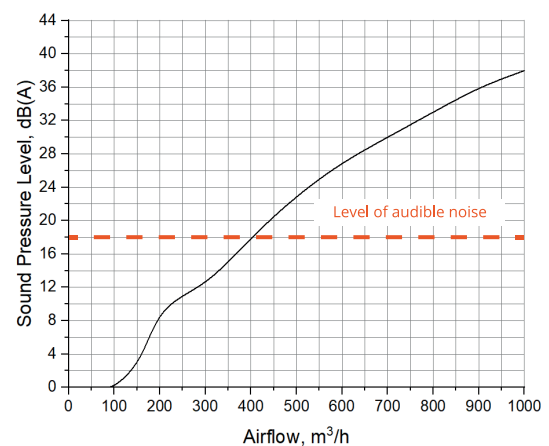
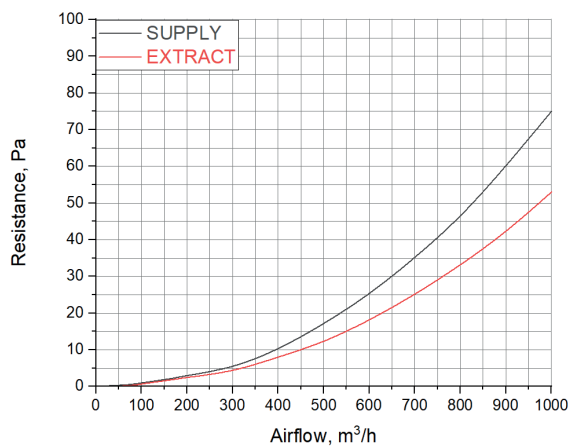
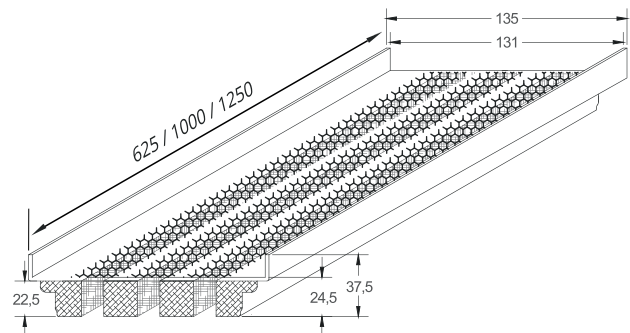
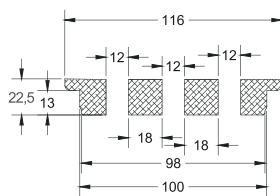
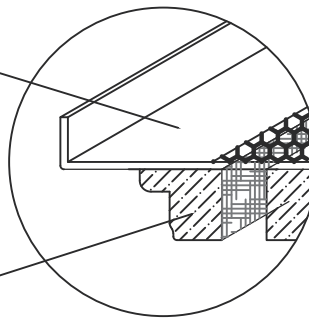
4.085 kg
1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250
STANDARD SLOT LENGTH (MM)

B **PLENUM BOX
CONNECTION TYPE**

Steel punched sheet. Distributes the air supply through the diffuser.

Gypsum mix segment. Sanded, puttied, painted. Suitable for all operations in combination with surface finishing



Note: Data charts reflect measurements for the 1 m length model.

LINE 3/18



3
AMOUNT OF SLOTS

18 mm
WIDTH OF SLOT

4.085 kg
1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250
STANDARD SLOT LENGTH (MM)

OPTIONAL:

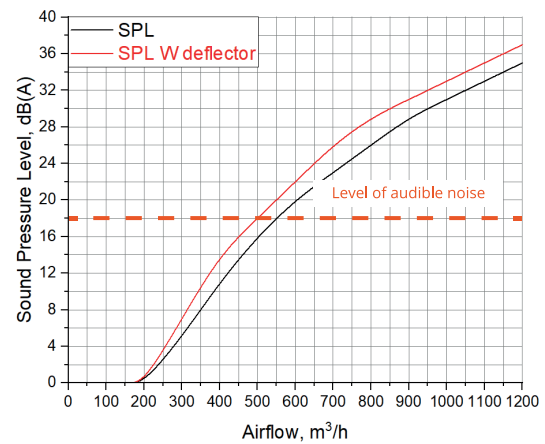
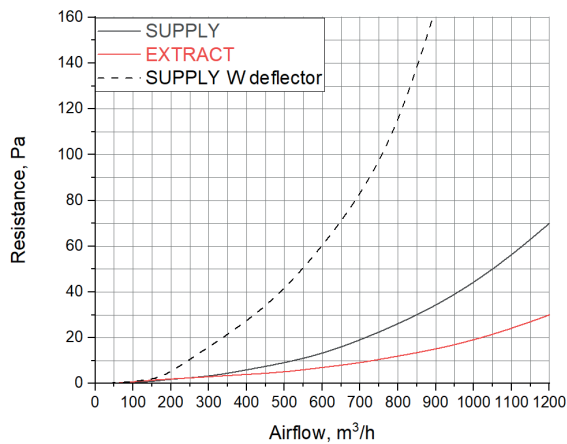
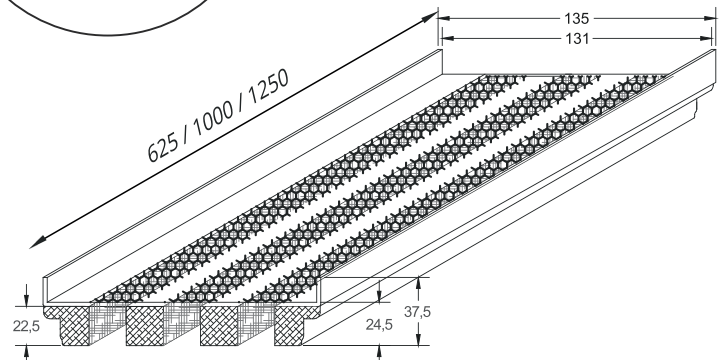
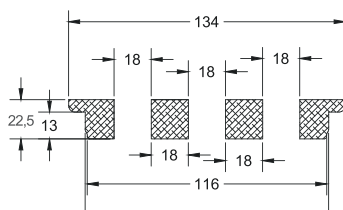
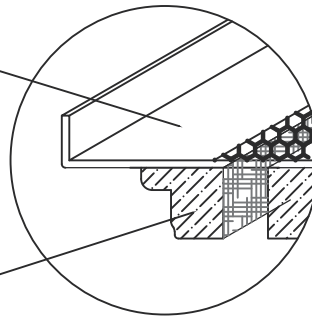
Deflector

SPECIAL CONSTRUCTION, CAN BE
ADDED ANYTIME LATER

B **PLENUM BOX
CONNECTION TYPE**

Steel punched sheet. Distributes the air supply
through the diffuser.

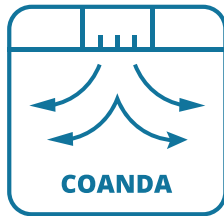
Gypsum mix segment. Sanded, puttied,
painted. Suitable for all operations in
combination with surface finishing



Note: Data charts reflect measurements for the 1 m length model.

PLINE





The Ventmann PERFORMANCE LINE vent diffuser combines elegant and adaptable design features with a specially engineered airflow that uses the Coanda effect, making it ideal for air conditioning. This is a model that empowers you to craft distinctive interior features or seamlessly conceal the diffusers, while minimizing direct airflow onto users.

The PERFORMANCE LINE model features all the hallmarks of a Ventmann diffuser - sustainable materials, frameless installation, the ability to paint it to match the other surfaces in the space, and design applications ranging from discrete to bold. What sets it apart from our standard LINE model is its unique shape and engineering, which harness the Coanda effect.

The Coanda effect is an aerodynamic phenomenon that causes a jet of air to be attracted to a nearby surface, efficiently diffusing the airflow. In practice, this means the current of air spreads out along the ceiling rather than being blown straight down.

This innovative vent diffuser also incorporates an interior deflector, adjustable using a simple screwdriver. This deflector enables precise control over the direction of the airflow, allowing you to direct the air at any desired angle from one side to the other. As a result, building users do not experience the discomfort of having a strong airflow directed right at them, which is especially important with air conditioning systems and when dealing with colder air. Ideal for air conditioning use, this model is also suitable for regular ventilation systems and heat recovery units.

As with all Ventmann diffusers, this is a highly flexible and adaptable unit. Our PERFORMANCE LINE vent diffuser is offered in:

- 1-slot, 2-slot, or 3-slot versions
- Standard lengths of 625mm, 1000mm, and 1250mm
- Slot width of 20mm

To see just how easy it is to install the Ventmann PERFORMANCE LINE vent diffuser, have a look at our product showcase video. And our catalogue contains all of the technical information about this model, so you can explore all of its possibilities and see how it would fit with your project.



LINE / PLINE



CIRCLE / PCIRCLE



SQUARE



ART



Installation:
video instructions
 **YouTube**



Download a digital
version of the catalog
 **Download**

PERFORMANCE LINE SERIES TECHNICAL PARAMETERS

SUPPLY

m³/h	dim (mm)	625 1	625 2	625 3	1000 1	1000 2	1000 3	1250 1	1250 2	1250 3
	Ak (m²)	0,00708	0,0142	0,0212	0,0116	0,0232	0,0348	0,0146	0,0292	0,0438
60	X (m)	2.4	1.9							
	Pt (Pa)	1	1							
	SPLA (dB (A))	<20	<20							
80	X (m)	3.2	2.5							
	Pt (Pa)	4	2							
	SPLA (dB (A))	<20	<20							
100	X (m)	4.0	3.1	2.9	3.0	2.3	1.5	2.9	2.2	1.2
	Pt (Pa)	8	4	2	2	2	1	2	2	1
	SPLA (dB (A))	<20	<20	<20	<20	<20	<20	<20	<20	<20
160	X (m)	6.4	5.0	4.7	4.9	3.7	2.5	4.5	3.5	2.0
	Pt (Pa)	21	11	5	11	4	2	8	4	2
	SPLA (dB (A))	<20	<20	<20	<20	<20	<20	<20	<20	<20
200	X (m)	8.0	6.3	5.9	6.1	4.7	3.1	5.8	4.3	2.5
	Pt (Pa)	37	16	8	17	7	3	11	6	3
	SPLA (dB (A))	22	<20	<20	<20	<20	<20	<20	<20	<20
300	X (m)	12.0	9.4	8.8	9.1	7.0	4.6	8.7	6.5	3.7
	Pt (Pa)	80	34	16	39	16	7	26	11	6
	SPLA (dB (A))	31	<20	<20	22	<20	<20	<20	<20	<20
400	X (m)	16.0	12.5	11.8	12.2	9.3	6.2	11.6	8.6	4.9
	Pt (Pa)	145	65	27	72	27	13	46	20	10
	SPLA (dB (A))	37	25	<20	29	<20	<20	25	<20	<20
500	X (m)	20.0	15.6	14.7	15.2	11.6	7.7	14.5	10.8	6.2
	Pt (Pa)	242	110	42	112	43	21	73	32	16
	SPLA (dB (A))	42	30	23	34	22	<20	30	<20	<20
600	X (m)		18.8	17.6		14.0	9.2		12.9	7.4
	Pt (Pa)		160	61		63	30		46	22
	SPLA (dB (A))		34	27		25	<20		21	<20
700	X (m)			20.6		16.3	10.8		15.1	8.6
	Pt (Pa)			79		93	40		63	29
	SPLA (dB (A))			30		29	22		25	<20
800	X (m)						12.3			9.9
	Pt (Pa)						52			37
	SPLA (dB (A))						25			21
900	X (m)						13.8			11.1
	Pt (Pa)						63			45
	SPLA (dB (A))						27			23
1000	X (m)						15.4			12.3
	Pt (Pa)						77			55
	SPLA (dB (A))						30			26

X (m) - Throw distance (0,25 m/s)

Pt (Pa) - Pressure drop in the diffuser

SPLA (dB(A) - Sound pressure level at 1m distance
from the diffuser

Ak (m²) - effective area

	Green	Yellow	Red
X (m)	When short throw distance is needed	When average throw distance is needed	When bigger throw distance is needed
Pa	Where low pressure drop is required	Where medium pressure drop is suitable	Where big pressure drop is suitable
SPLA	Rooms with no ambient noise (Bedroom)	Rooms with medium ambient noise (Lobby)	Rooms with ambient noise (Office room)

* IMPORTANT: This information is for guidance only, please consult your HVAC professional for you specific requirements.

EXHAUST

m³/h	dim (mm)	625 1 N	625 1 P	625 1 D	625 2 N	625 2 P	625 2 D	625 3 N	625 3 P	625 3 D	1000 1 N	1000 1 P	1000 1 D	1000 2 N	1000 2 P
	Ak (m²)	0,0118	0,00886	0,0071	0,0236	0,0177	0,0142	0,0354	0,0266	0,0212	0,0193	0,0146	0,0116	0,0386	0,0291
60	Pt (Pa)			2			1			2					
	SPLA (dB (A))			<20			<20			<20					
80	Pt (Pa)	1	2	6		1	4		1	3			2		
	SPLA (dB (A))	<20	<20	<20		<20	<20		<20	<20			<20		
100	Pt (Pa)	2	6	12	1	2	6		2	4		1	4	1	2
	SPLA (dB (A))	<20	<20	<20	<20	<20	<20		<20	<20		<20	<20	<20	<20
160	Pt (Pa)	11	17	39	2	4	16	2	4	9	2	6	17	2	3
	SPLA (dB (A))	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
200	Pt (Pa)	19	28	65	5	7	27	4	6	14	6	9	26	3	4
	SPLA (dB (A))	<20	<20	22	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
300	Pt (Pa)	44	61	149	12	17	63	7	9	29	15	22	59	5	7
	SPLA (dB (A))	22	27	31	<20	<20	<20	<20	<20	<20	<20	<20	22	<20	<20
400	Pt (Pa)	78	105	303	21	29	120	12	15	49	29	41	112	8	12
	SPLA (dB (A))	28	33	37	<20	21	25	<20	<20	<20	20	25	29	<20	<20
500	Pt (Pa)	123	171		33	45	190	18	23	75	44	66	165	12	18
	SPLA (dB (A))	33	38		21	26	30	<20	<20	23	25	30	34	<20	<20
600	Pt (Pa)				46	64		25	32	120	66	99		17	25
	SPLA (dB (A))				25	30		<20	23	27	29	34		<20	22
700	Pt (Pa)				64	94		34	44		89			23	35
	SPLA (dB (A))				29	34		21	26		32			20	25
800	Pt (Pa)							45							
	SPLA (dB (A))							24							
900	Pt (Pa)														
	SPLA (dB (A))														
1000	Pt (Pa)														
	SPLA (dB (A))														

m³/h	dim (mm)	1000 2 D	1000 3 N	1000 3 P	1000 3 D	1250 1 N	1250 1 P	1250 1 D	1250 2 N	1250 2 P	1250 2 D	1250 3 N	1250 3 P	1250 3 D
	Ak (m²)	0,0232	0,0579	0,0437	0,0348	0,0243	0,0202	0,0146	0,0486	0,0404	0,0292	0,0729	0,0606	0,0438
60	Pt (Pa)													
	SPLA (dB (A))													
80	Pt (Pa)	1												
	SPLA (dB (A))	<20												
100	Pt (Pa)	3		1	2		1	3			1			2
	SPLA (dB (A))	<20		<20	<20		<20	<20			<20			<20
160	Pt (Pa)	7		2	4	1	2	7		1	5			3
	SPLA (dB (A))	<20		<20	<20	<20	<20	<20		<20	<20			<20
200	Pt (Pa)	12	2	3	6	2	4	15	1	2	8			4
	SPLA (dB (A))	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20			<20
300	Pt (Pa)	25	3	5	12	7	13	35	2	4	17	2	2	8
	SPLA (dB (A))	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
400	Pt (Pa)	43	5	8	20	15	25	65	3	7	29	3	3	15
	SPLA (dB (A))	<20	<20	<20	<20	<20	<20	25	<20	<20	<20	<20	<20	<20
500	Pt (Pa)	67	7	11	31	25	40	100	5	11	46	4	5	23
	SPLA (dB (A))	22	<20	<20	<20	21	24	30	<20	<20	<20	<20	<20	<20
600	Pt (Pa)	99	10	14	45				9	18	65	5	7	32
	SPLA (dB (A))	25	<20	<20	<20				<20	<20	21	<20	<20	<20
700	Pt (Pa)	153	14	18	59				15	29	89	7	9	42
	SPLA (dB (A))	29	<20	<20	22				<20	<20	25	<20	<20	<20
800	Pt (Pa)		19	23	75							9	12	54
	SPLA (dB (A))		<20	21	25							<20	<20	21
900	Pt (Pa)		26	33								12	15	67
	SPLA (dB (A))		<20	23								<20	<20	23
1000	Pt (Pa)		33	42								16	20	82
	SPLA (dB (A))		21	26								<20	<20	26

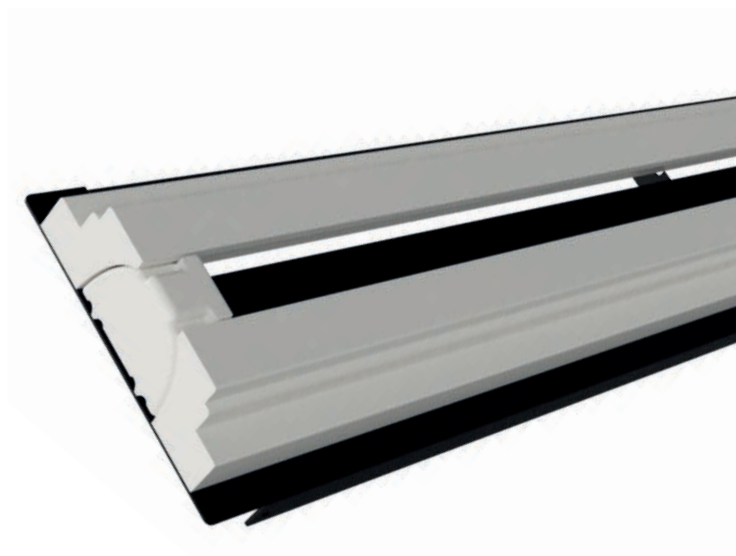
D - with deflector

P - perforated deflector

N - no deflector

PLINE 1/20

PERFORMANCE



1

AMOUNT OF SLOTS

20 mm

WIDTH OF SLOT

2,45 kg

1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250

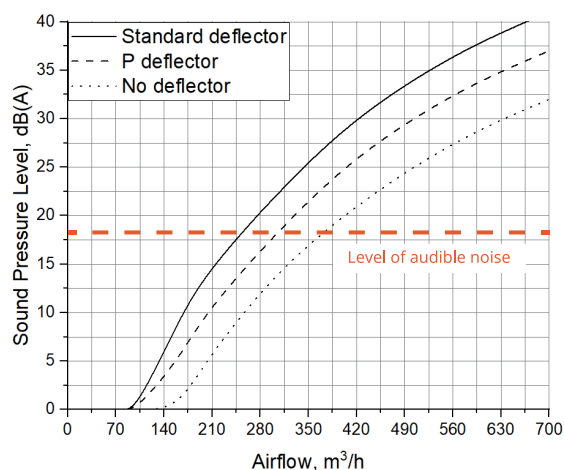
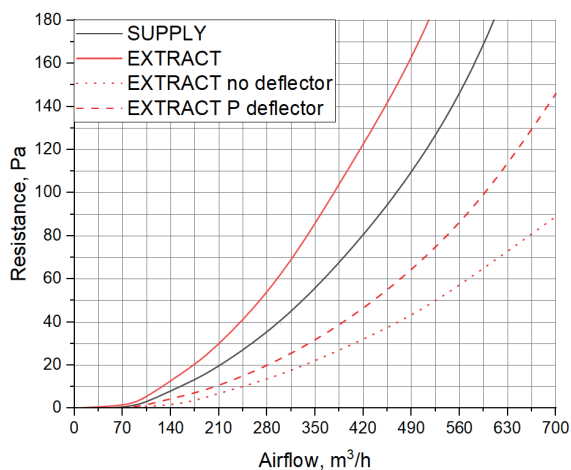
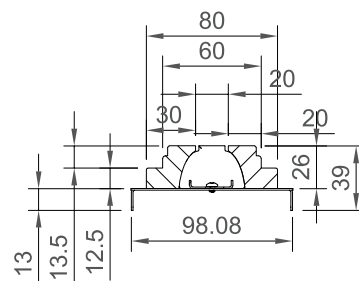
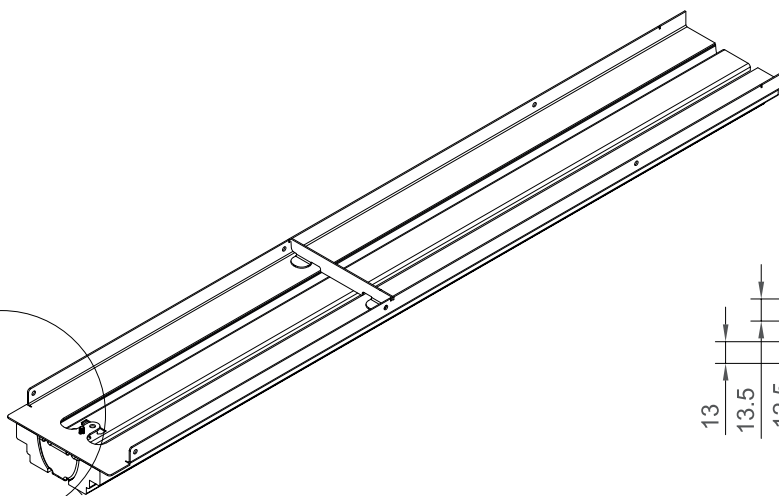
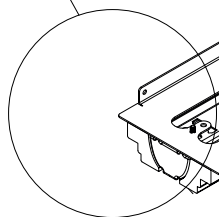
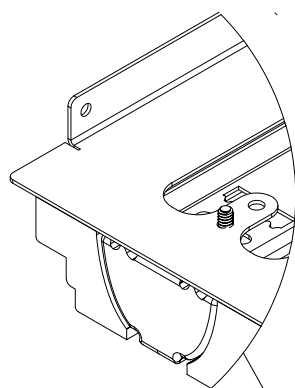
STANDARD SLOT LENGTH (MM)

DEFLECTOR OPTIONS:

Standart / Perforated
/ No deflector



**PLENUM BOX
WIDTH TYPE**



Note: Data charts reflect measurements for the 1 m length model.

PLINE 2/20

PERFORMANCE



2

AMOUNT OF SLOTS

20 mm

WIDTH OF SLOT

3,6 kg

1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250

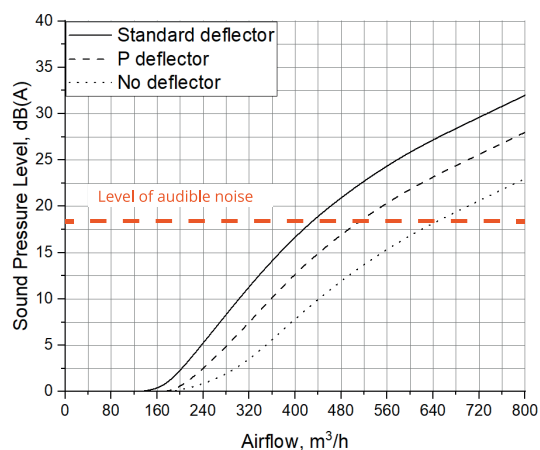
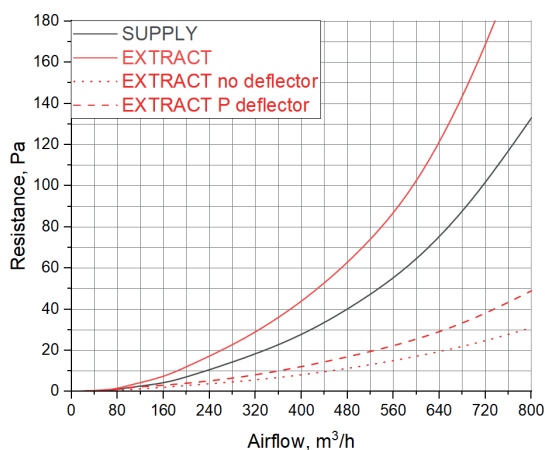
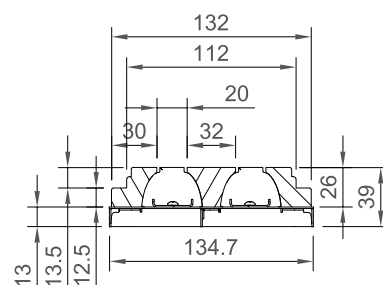
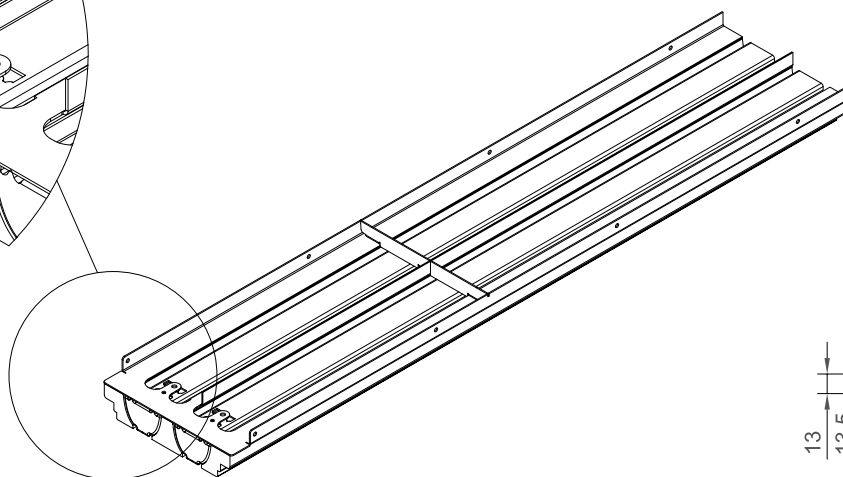
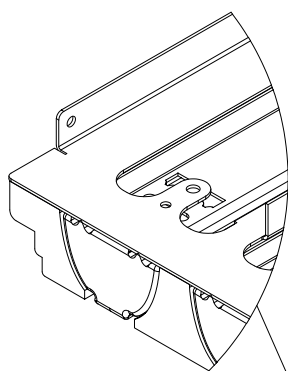
STANDARD SLOT LENGTH (MM)

DEFLECTOR OPTIONS:

Standart / Perforated
/ No deflector



**PLENUM BOX
WIDTH TYPE**



Note: Data charts reflect measurements for the 1 m length model.

PLINE 3/20

PERFORMANCE



3

AMOUNT OF SLOTS

20 mm

WIDTH OF SLOT

5 kg

1 M. LENGTH DIFFUSER WEIGHT
WITHOUT PACKAGING (NET)

625 / 1000 / 1250

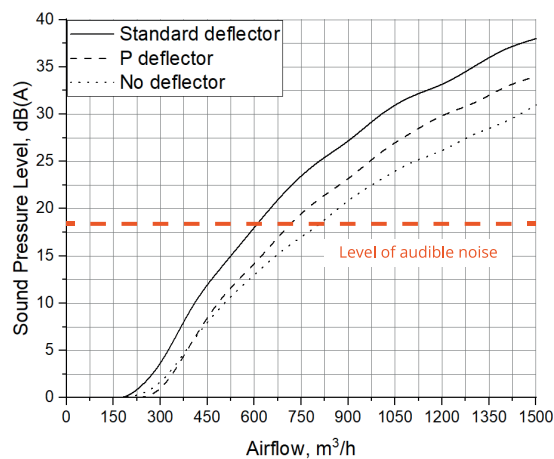
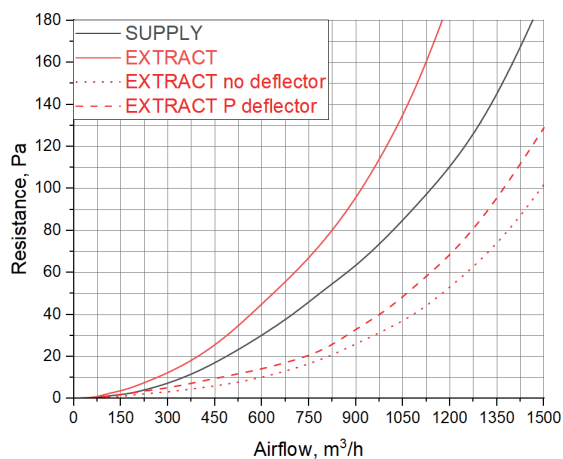
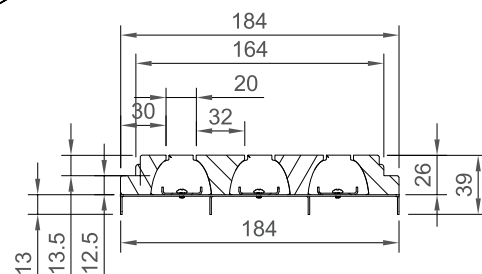
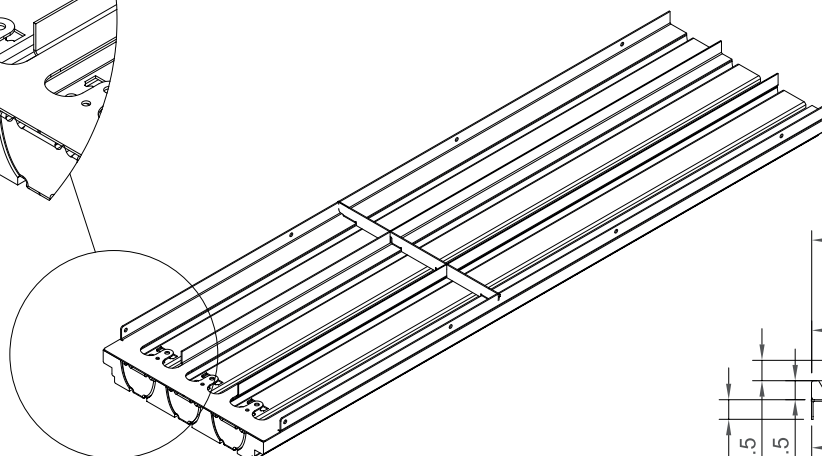
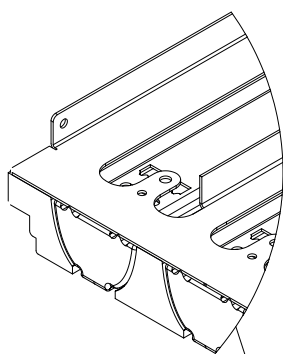
STANDARD SLOT LENGTH (MM)

DEFLECTOR OPTIONS:

Standart / Perforated
/ No deflector



PLENUM BOX
WIDTH TYPE



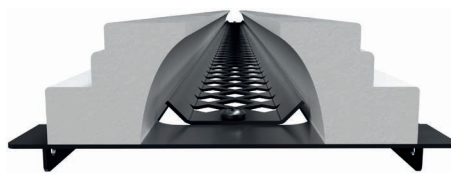
Note: Data charts reflect measurements for the 1 m length model.

PERFORMANCE LINE ACCESSORIES

DEFLECTOR OPTIONS & AIR SUPPLY AFFECT



With Deflector

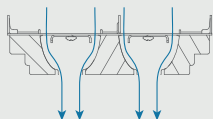


With perforated Deflector

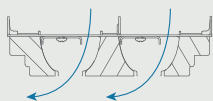


No Deflector

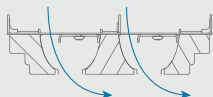
In center position



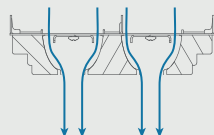
Deflector in left



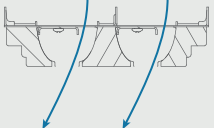
Deflector in right



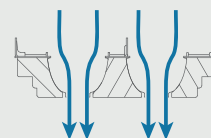
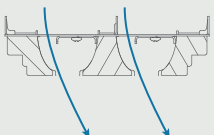
In center position



Deflector in left



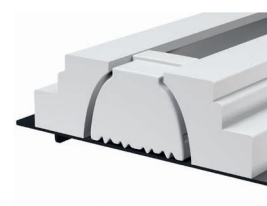
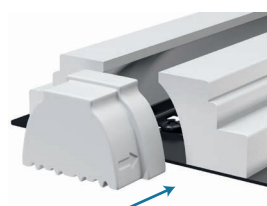
Deflector in right



PERFORMANCE LINE FLEXIBILITY

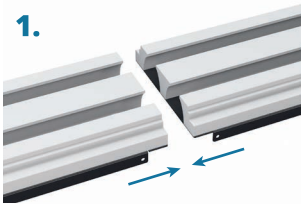
CORRECT END CAP INSTALLATION

The indented arrow shows the correct side how the end cap should be inserted.



WHEN INSTALLING ONE CONTINUOUS LINE

1. The end caps are not used.
2. Two diffusers are installed to each other with a small invisible gap which is then filled with plaster.
3. After plastering and sanding you have one continuous line.



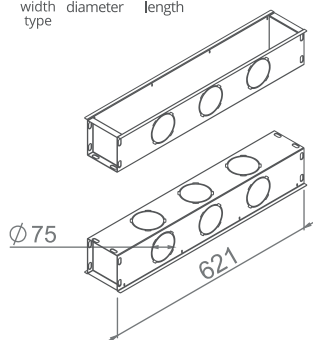
PLENUM BOXES FOR LINE / PLINE DIFFUSERS



GOOD TO GO

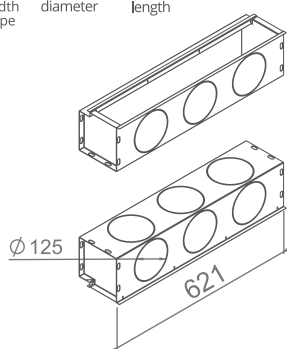
Order code:
GTG A 75 625

Box width type
Hole diameter
Box length



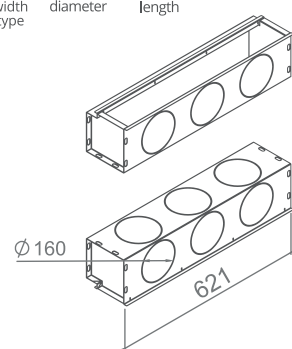
Order code:
GTG A 125 625

Box width type
Hole diameter
Box length



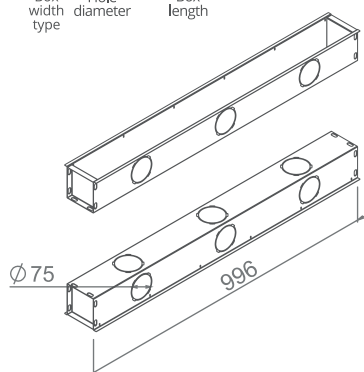
Order code:
GTG A 160 625

Box width type
Hole diameter
Box length



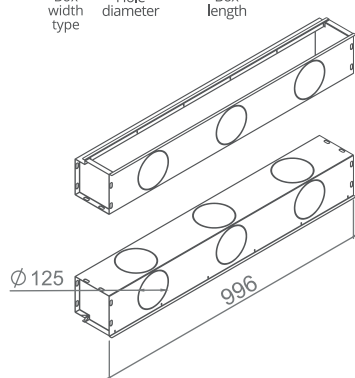
Order code:
GTG A 75 1000

Box width type
Hole diameter
Box length



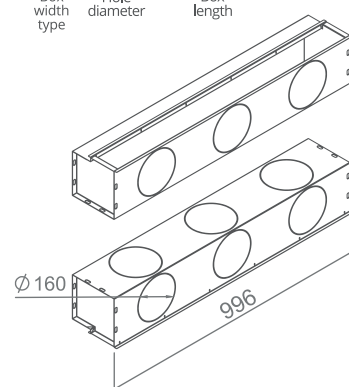
Order code:
GTG A 125 1000

Box width type
Hole diameter
Box length



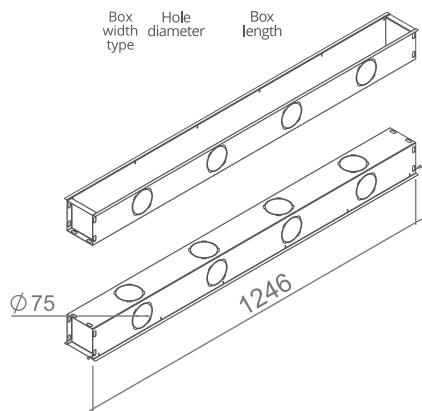
Order code:
GTG A 160 1000

Box width type
Hole diameter
Box length



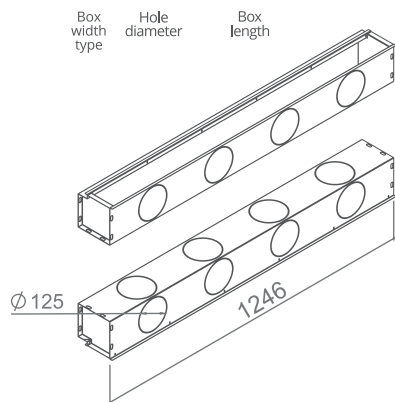
Order code:
GTG A 75 1250

Box width type
Hole diameter
Box length



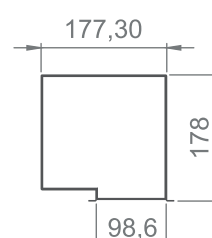
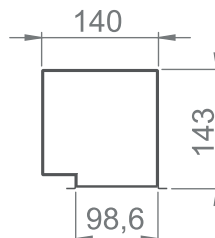
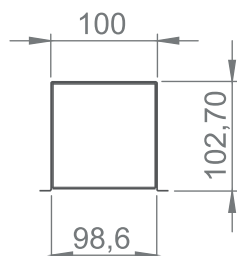
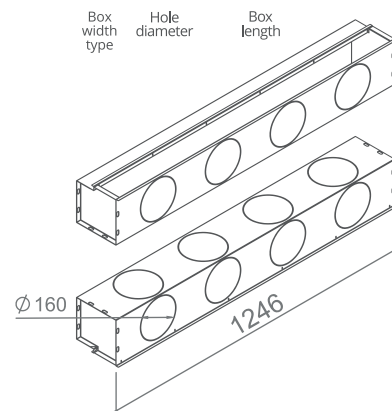
Order code:
GTG A 125 1250

Box width type
Hole diameter
Box length



Order code:
GTG A 160 1250

Box width type
Hole diameter
Box length

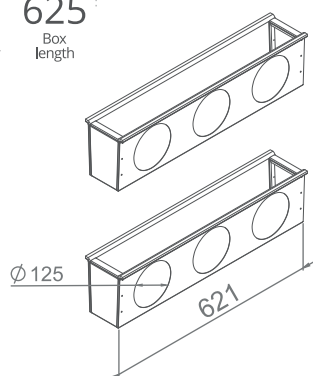


SUITABLE FOR LINE AND LINE PERFORMANCE DIFFUSERS: 1/12, 1/18, 2/12, 2/18, 1/20 P

"V" SHAPE INSULATED

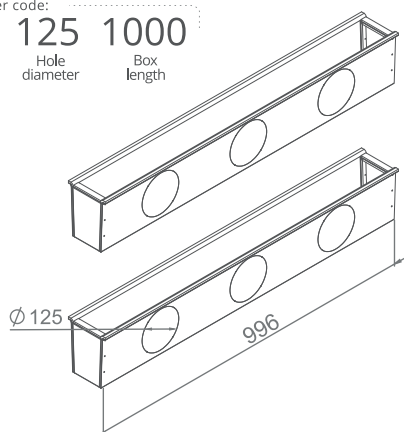
Order code:
VTBOX A 125 625

Box
width
type
Hole
diameter
Box
length



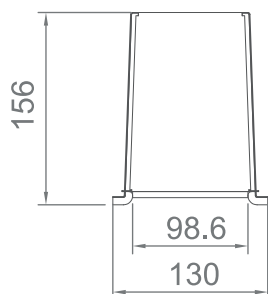
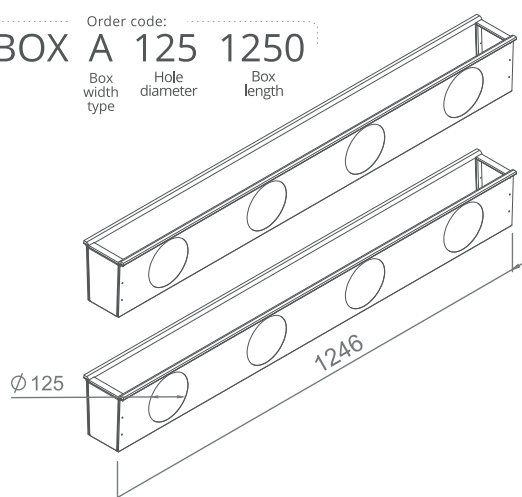
Order code:
VTBOX A 125 1000

Box
width
type
Hole
diameter
Box
length



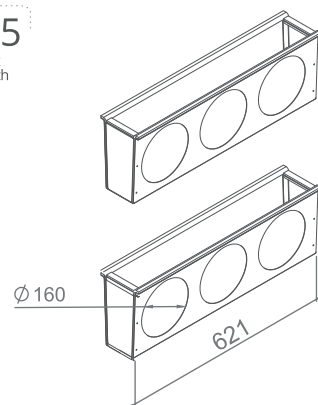
Order code:
VTBOX A 125 1250

Box
width
type
Hole
diameter
Box
length



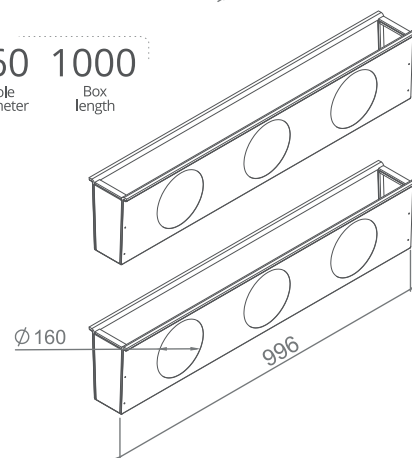
Order code:
VTBOX A 160 625

Box
width
type
Hole
diameter
Box
length



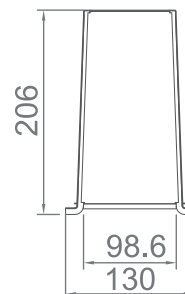
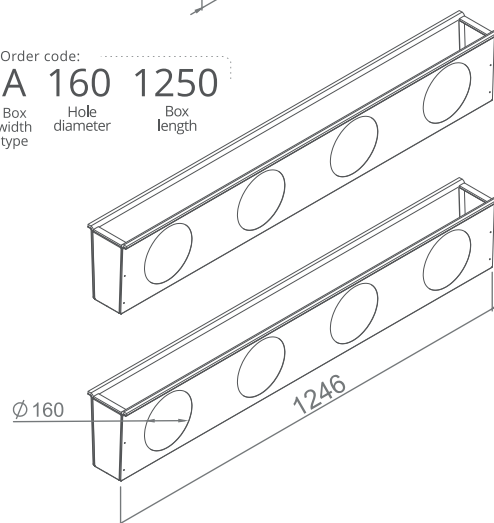
Order code:
VTBOX A 160 1000

Box
width
type
Hole
diameter
Box
length



Order code:
VTBOX A 160 1250

Box
width
type
Hole
diameter
Box
length



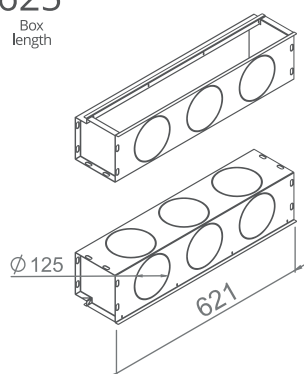
PLENUM BOXES FOR LINE / PLINE DIFFUSERS

B PLENUM BOX
WIDTH TYPE

GOOD TO GO

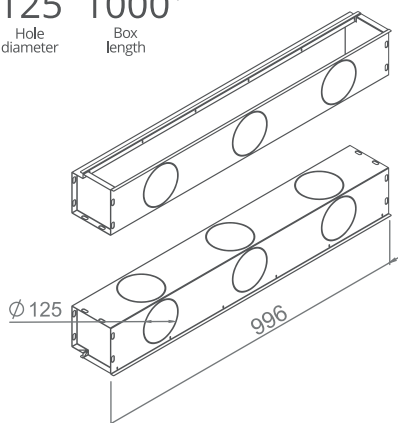
Order code:
GTG B 125 625

Box
width
type
Hole
diameter
Box
length



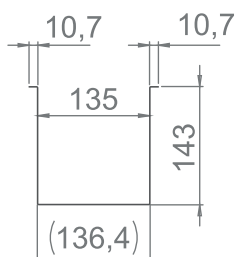
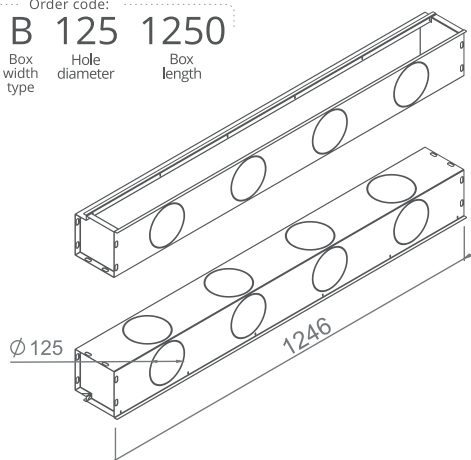
Order code:
GTG B 125 1000

Box
width
type
Hole
diameter
Box
length



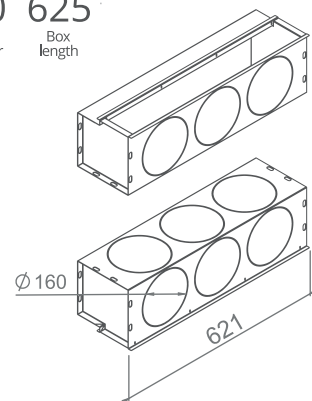
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Box
width
type
Hole
diameter
Box
length



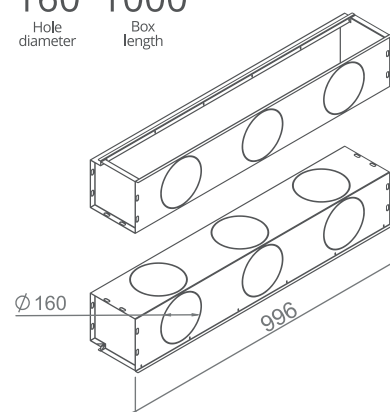
Order code:
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Box
width
type
Hole
diameter
Box
length



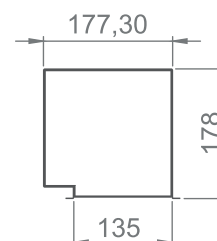
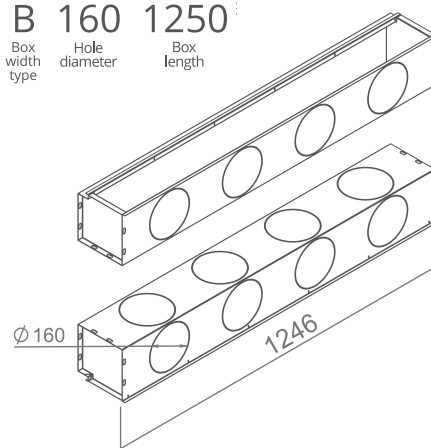
Order code:
GTG B 160 1000

Box
width
type
Hole
diameter
Box
length



Order code:
GTG B 160 1250

Box
width
type
Hole
diameter
Box
length

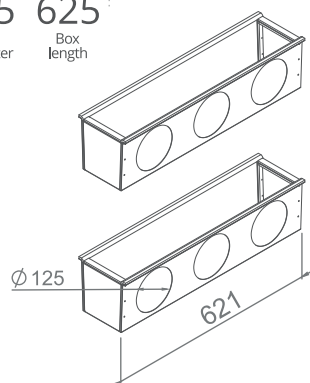


SUITABLE FOR LINE AND LINE PERFORMANCE DIFFUSERS: 3/12, 3/18, 2/20 P

"V" SHAPE INSULATED

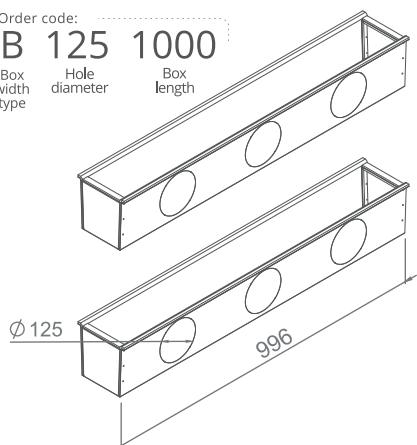
Order code:
VTBOX B 125 625

Box
width
type
Hole
diameter
Box
length



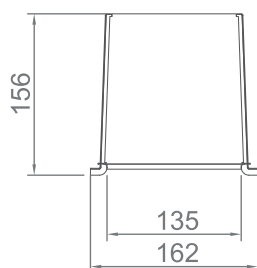
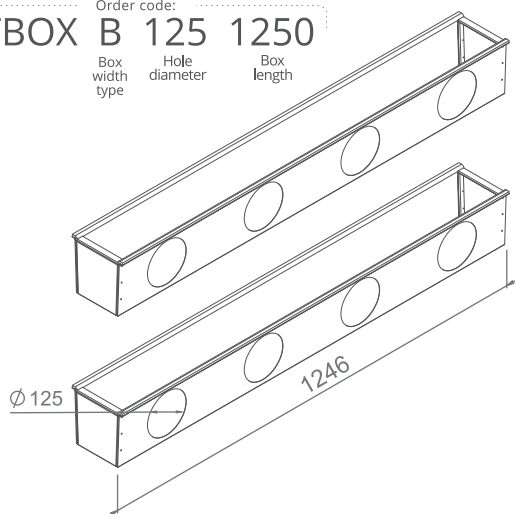
Order code:
VTBOX B 125 1000

Box
width
type
Hole
diameter
Box
length



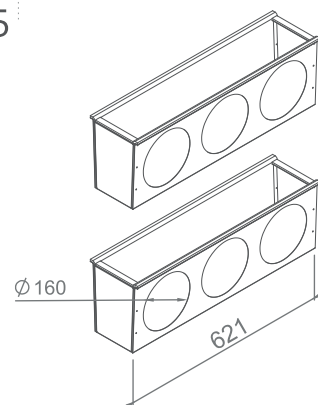
Order code:
VTBOX B 125 1250

Box
width
type
Hole
diameter
Box
length



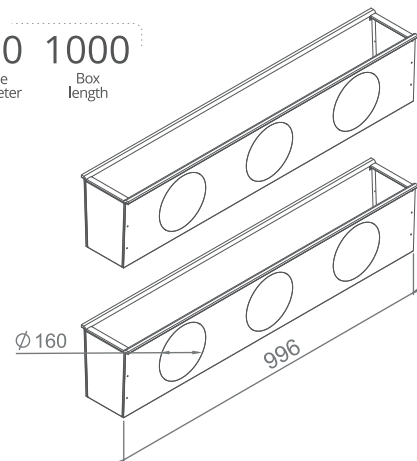
Order code:
VTBOX B 160 625

Box
width
type
Hole
diameter
Box
length



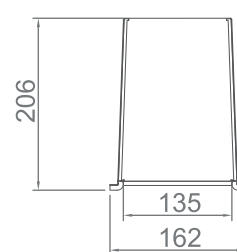
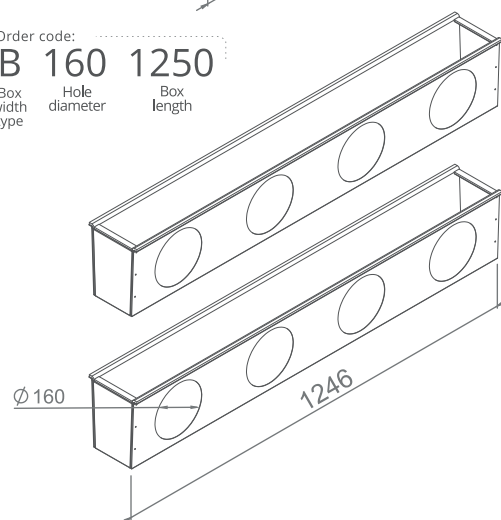
Order code:
VTBOX B 160 1000

Box
width
type
Hole
diameter
Box
length



Order code:
VTBOX B 160 1250

Box
width
type
Hole
diameter
Box
length



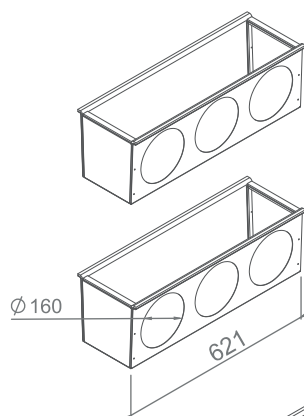
PLENUM BOXES FOR LINE / PLINE DIFFUSERS



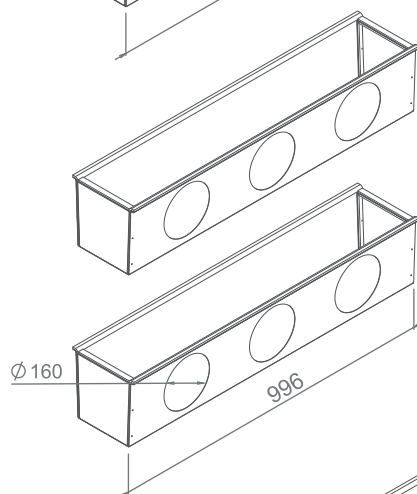
PLENUM BOX
WIDTH TYPE

"V" SHAPE INSULATED

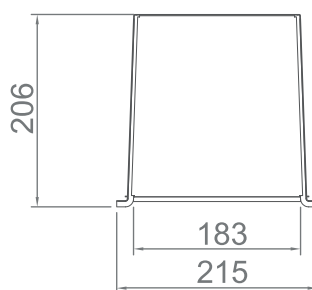
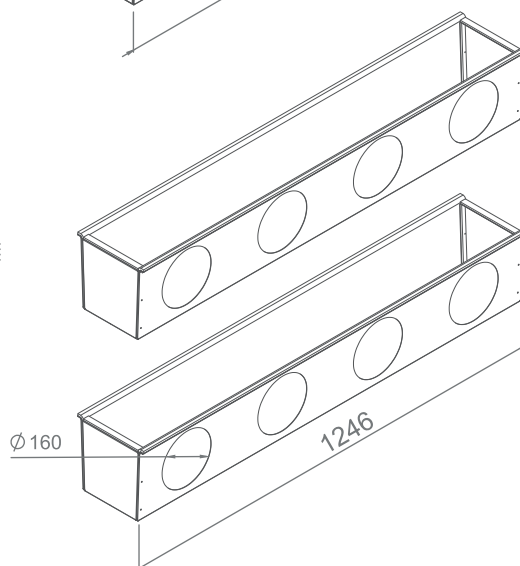
Order code:
VTBOX C 160 625
Box width type Hole diameter Box length



Order code:
VTBOX C 160 1000
Box width type Hole diameter Box length



Order code:
VTBOX C 160 1250
Box width type Hole diameter Box length



3/20 P

