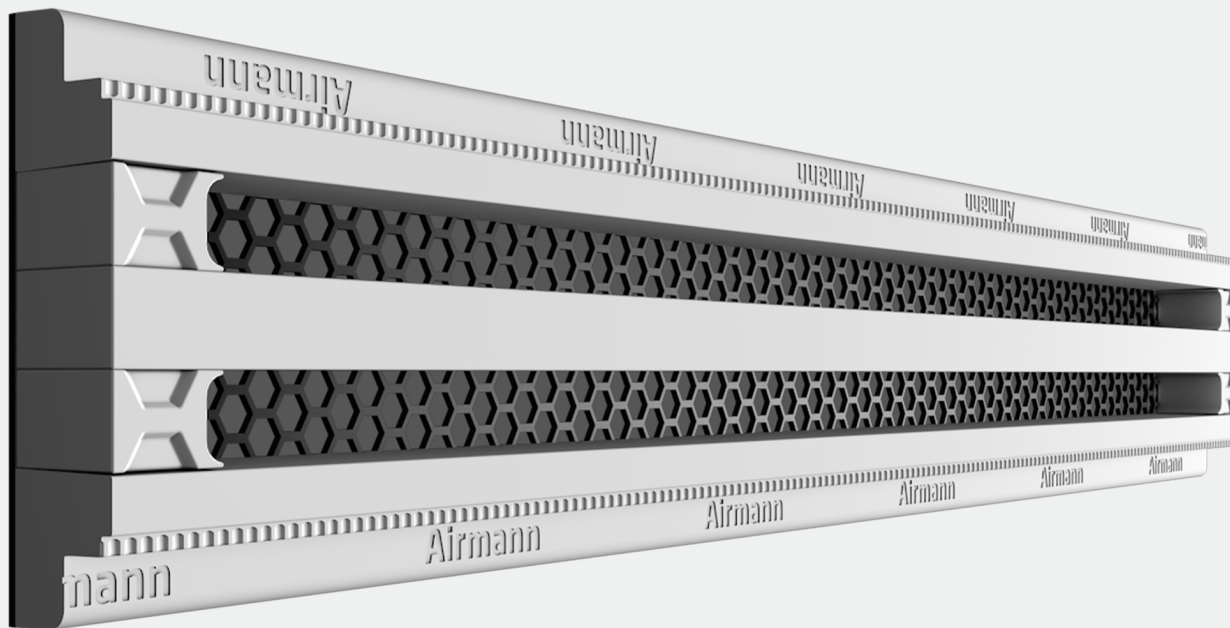




TECHNICAL CATALOGUE

VENTILATION DESIGN SOLUTIONS
FRAMELESS AIR DIFFUSERS



LINE - 2 SLOTS

Frameless air diffuser

NOMINAL CONNECTIONS: ø 75 / 125 / 160 mm
STANDARD LENGTHS: 600 / 1000 / 1200 mm
WEIGHT: 3.95 kg/m

TYPE: adjustable length plaster-in slot air diffuser for ceilings and walls
FUNCTION: air supply / extract for various HVAC systems
MATERIALS: natural gypsum / ceramics composite, powder-coated metal grill (RAL 9005, black), other
INSTALLATION: single/double layer plasterboard (drywall), brick/concrete walls

LINE - 2 SLOTS

Frameless air diffuser

Airmann **Line 2 slots** - frameless air diffuser (**plastered-in**)

AIR SUPPLY PARAMETERS

LINE 1200-2s18

Air flow	200	400	600	800	1000	m³/h
Sound level	33,8	35,8	40,1	46,2	53,0	dB(A)
Pressure drop	3	16	36	68	88	Pa

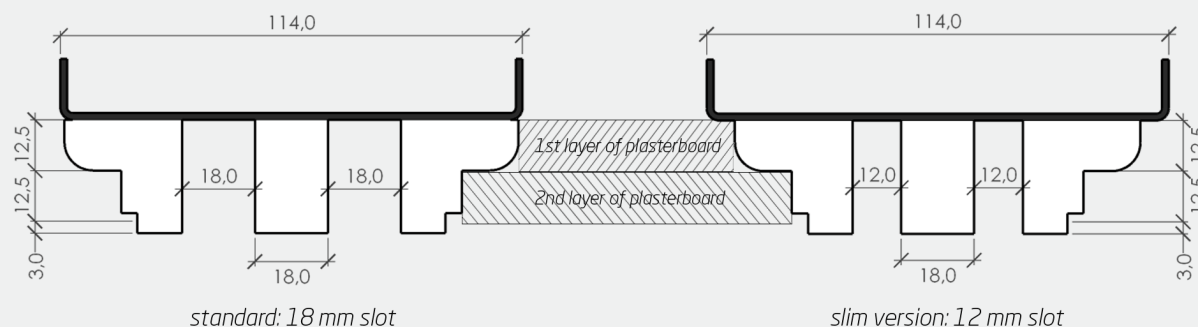
LINE 1000-2s18

Air flow	200	400	600	800	1000	m³/h
Sound level	33,8	36,2	41,8	47,7	53,0	dB(A)
Pressure drop	4	20	46	78	97	Pa

LINE 600-2s18

Air flow	100	200	300	400	500	m³/h
Sound level	33,8	34,1	37,4	42,5	47,5	dB(A)
Pressure drop	4	14	39	69	103	Pa

DIMENSIONS [mm]

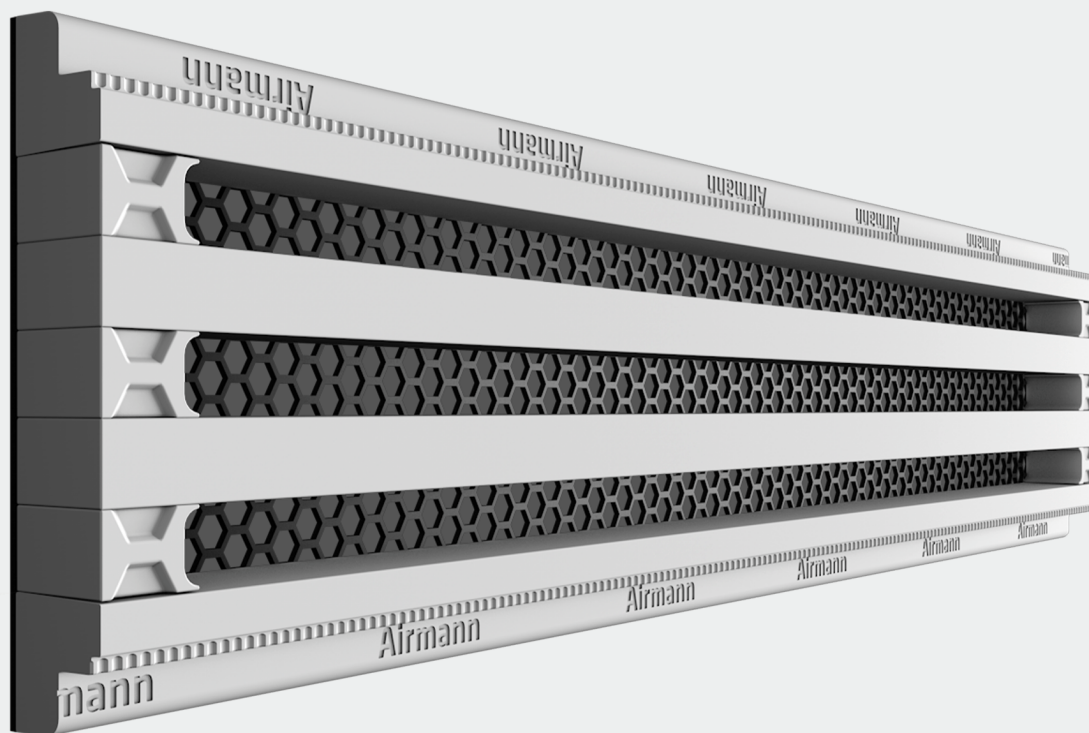


STANDARD LENGTHS* [mm]



*Each unit length can be shortened by moving a plug or extended by connecting diffusers together.

Airmann



LINE 3 SLOTS

Frameless diffuser

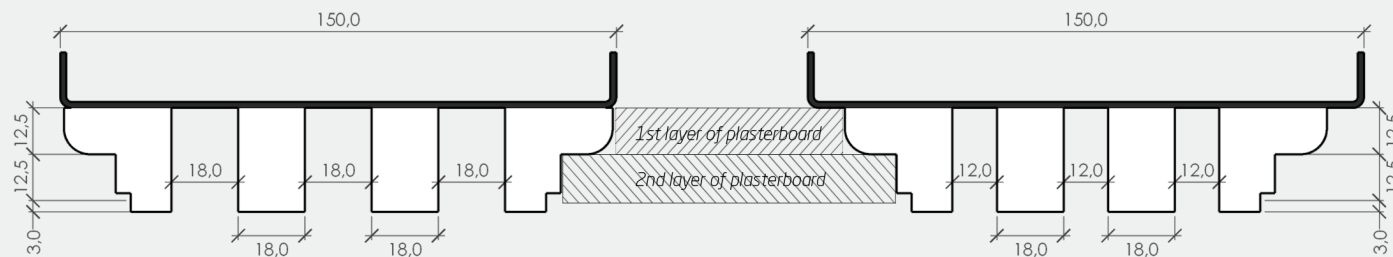
NOMINAL CONNECTIONS: $\varnothing$ 125 / 160 mm
STANDARD LENGTHS: 600 / 1000 / 1200 mm
WEIGHT: 5.1 kg/m

TYPE: adjustable length plaster-in slot air diffuser for ceilings and walls
FUNCTION: air supply / extract for various HVAC systems
MATERIALS: natural gypsum / ceramics composite, powder-coated metal grill (RAL 9005, black), other
INSTALLATION: single/double layer plasterboard (drywall), brick/concrete walls

LINE - 3 SLOTS

Frameless air diffuser

DIMENSIONS [mm]



standard: 18 mm slot

slim version: 12 mm slot

AIR SUPPLY PARAMETERS

LINE 1200-3s18

Air flow	200	400	600	800	1000	m³/h
Sound level	33,8	35,8	38,6	43,8	50,8	dB(A)
Pressure drop	1	8	22	44	58	Pa

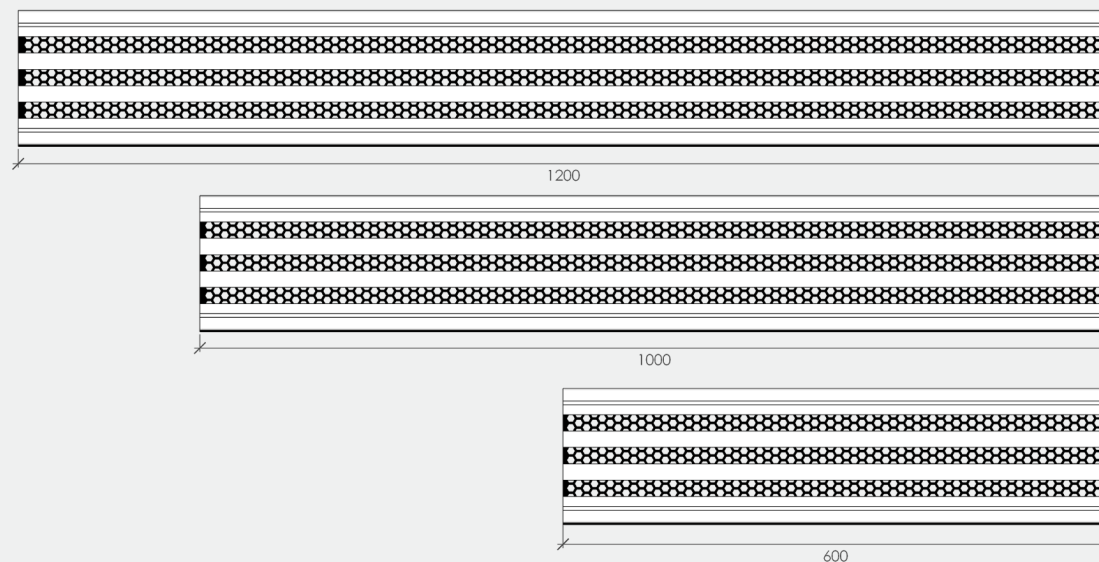
LINE 1000-3s18

Air flow	200	400	600	800	1000	m³/h
Sound level	33,8	35,2	39,2	44,9	51,9	dB(A)
Pressure drop	1	10	26	50	64	Pa

LINE 600-3s18

Air flow	100	200	300	400	500	m³/h
Sound level	33,8	34,0	35,9	39,6	44,4	dB(A)
Pressure drop	2	9	23	41	67	Pa

STANDARD LENGTHS* [mm]



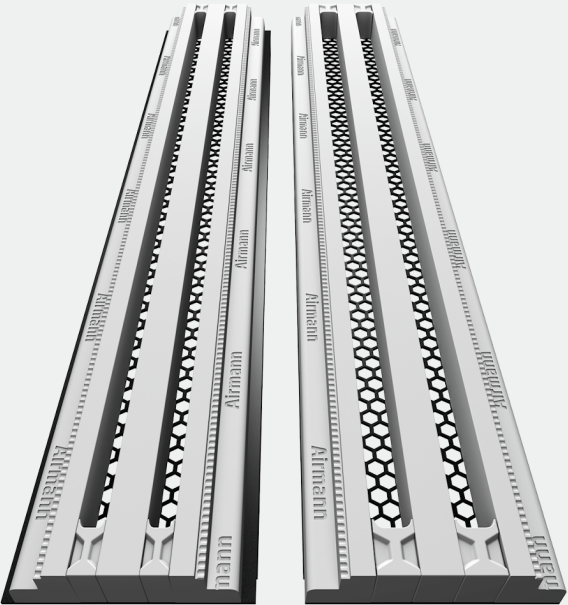
*Each unit length can be shortened by moving a plug or extended by connecting diffusers together.

PRODUCT/ORDER CODE READINGS

DIFFUSER

PLENUM BOXES COMPATIBILITY TABLE

number of slots
LINE600-2s18
diffuser length [mm] slot width [mm]

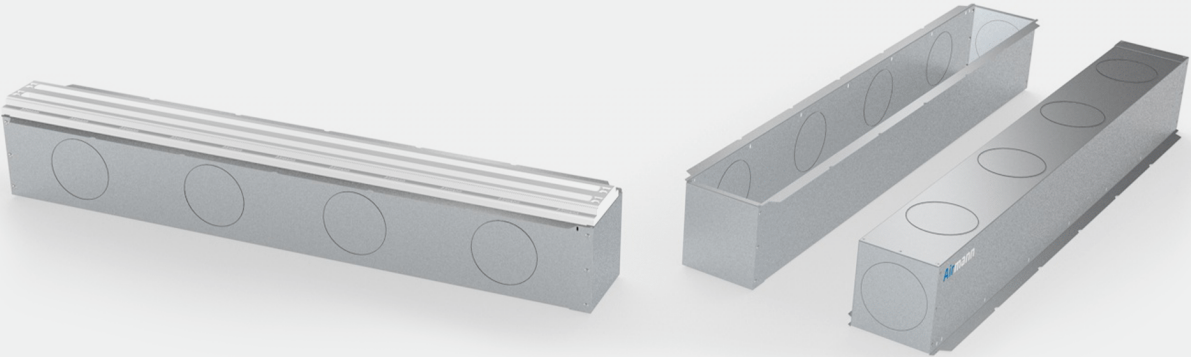


LINE1000-2s12

LINE1000-2s18

Length of diffuser [mm]	1, 2 slots connection diameter [mm]			
	75 (slim)	75	125	160
600	BOX600S-75	BOX600-75	BOX600-125	BOX600-160
1000	BOX1000S-75	BOX1000-75	BOX1000-125	BOX1000-160
1200	BOX1200S-75	BOX1200-75	BOX1200-125	BOX1200-160

Length of diffuser [mm]	3 slots connection diameter [mm]			
	75 (slim)	75	125	160
600	-	-	BOX600-125W	BOX600-160W
1000	-	-	BOX1000-125W	BOX1000-160W
1200	-	-	BOX1200-125W	BOX1200-160W



PLENUM BOXES

COMPATIBILITY, ORDERING CODES AND DIMENSIONS

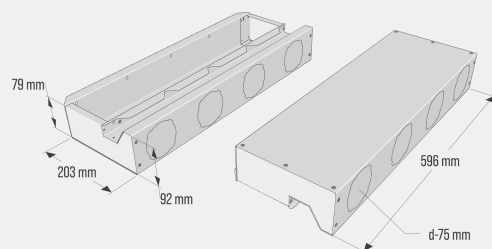
1-2 SLOTS

600 mm air diffuser

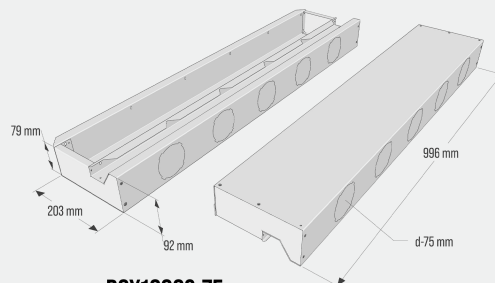
1000 mm air diffuser

1200 mm air diffuser

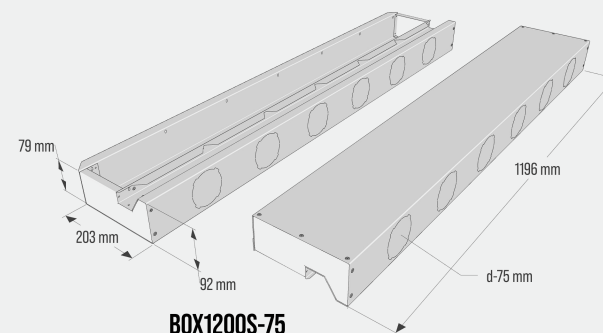
75 mm duct system
slim version*



BOX600S-75
CONNECTIONS side x4



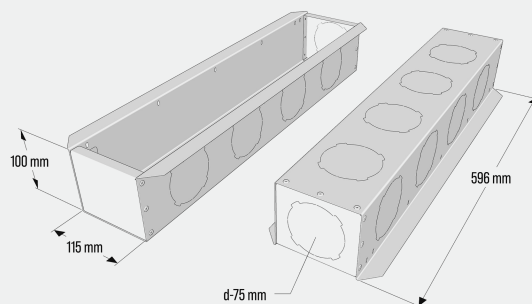
BOX1000S-75
CONNECTIONS side x5



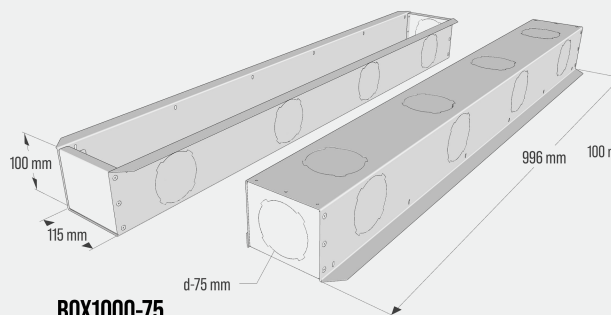
BOX1200S-75
CONNECTIONS side x6

*Slim version is the solution for a limited ceiling lowering height. Min ceiling lowering required - **105 mm** for single and double layers of plasterboards. Recommended ceiling lowering height - 120 mm.

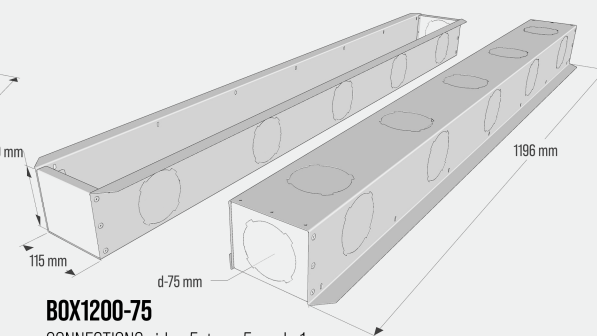
75 mm duct system



BOX600-75
CONNECTIONS side x4, top x4, end x1



BOX1000-75
CONNECTIONS side x4, top x4, end x1



BOX1200-75
CONNECTIONS side x5, top x5, end x1

Min ceiling lowering height required - **125 mm** for single and double layers of plasterboards. Recommended ceiling lowering height - 140 mm.

1-2 SLOTS

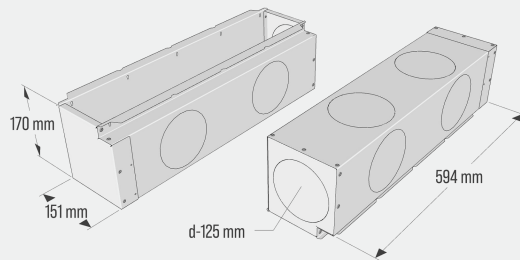
PLENUM BOXES

COMPATIBILITY, ORDERING CODES AND DIMENSIONS

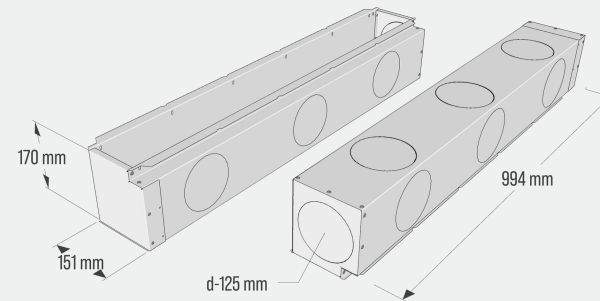
600 mm air diffuser

1000 mm air diffuser

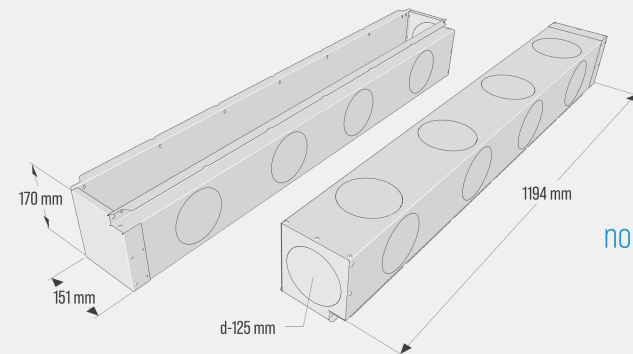
1200 mm air diffuser



BOX600-125
CONNECTIONS side x2, top x2, end x1

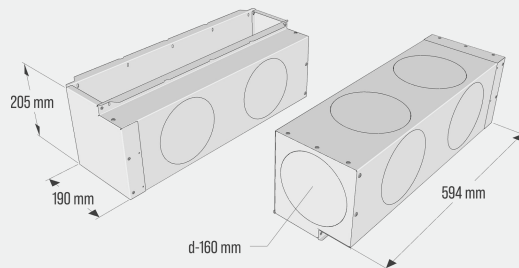


BOX1000-125
CONNECTIONS side x3, top x3, end x1

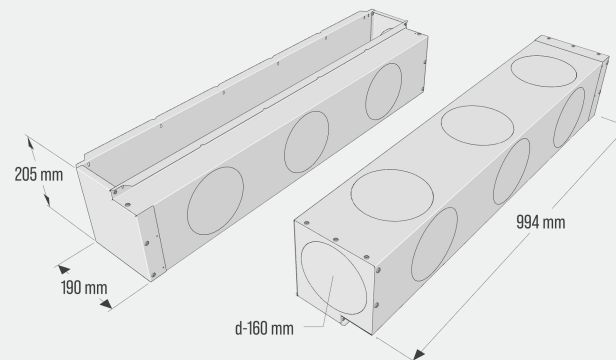


BOX1200-125
CONNECTIONS side x4, top x4, end x1

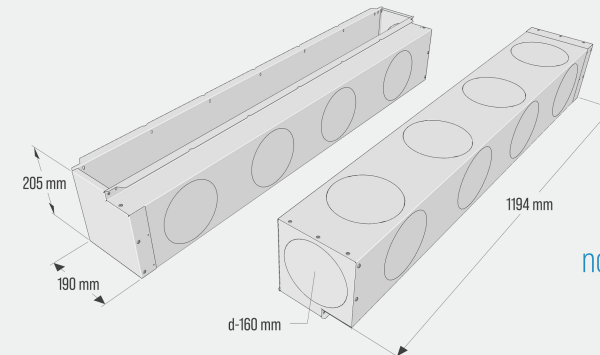
125 mm
nominal connection



BOX600-160
CONNECTIONS side x2, top x2, end x1



BOX1000-160
CONNECTIONS side x3, top x3, end x1



BOX1200-160
CONNECTIONS side x4, top x4, end x1

160 mm
nominal connection

PLENUM BOXES

COMPATIBILITY, ORDERING CODES AND DIMENSIONS

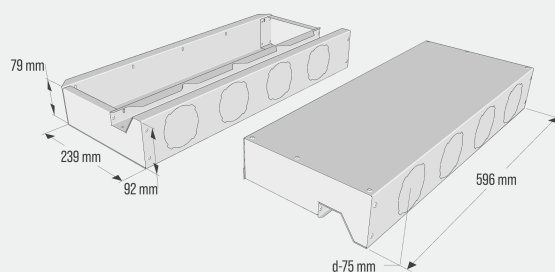
3 SLOTS

600 mm air diffuser

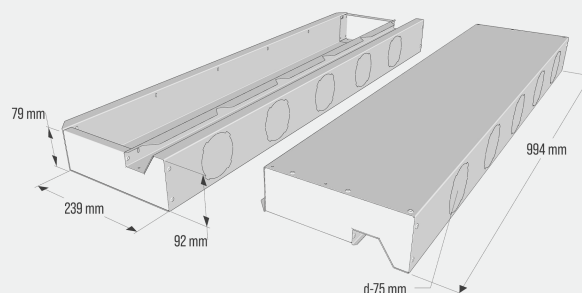
1000 mm air diffuser

1200 mm air diffuser

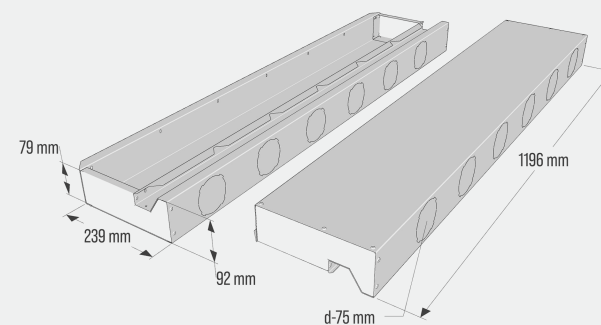
75 mm duct system
slim version*



BOX600S-75W
CONNECTIONS side x4



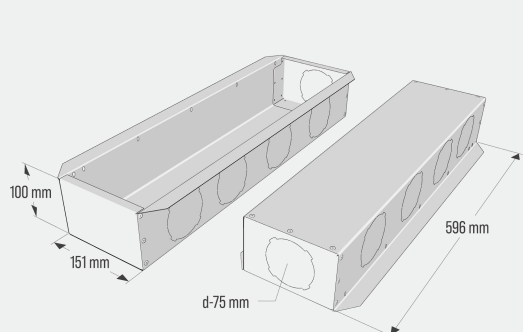
BOX1000S-75W
CONNECTIONS side x5



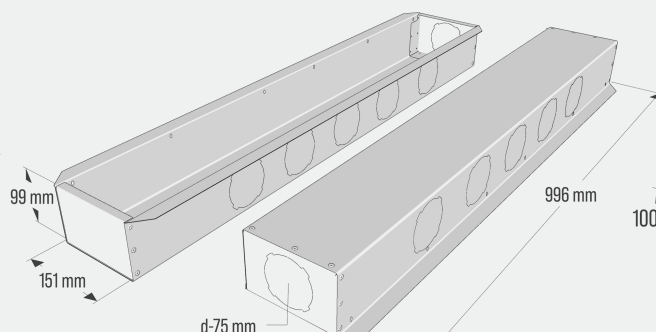
BOX1200S-75W
CONNECTIONS side x6

*Slim version is the solution for a limited ceiling lowering height. Min ceiling lowering required - **105 mm** for single and double layers of plasterboards. Recommended ceiling lowering height - 120 mm.

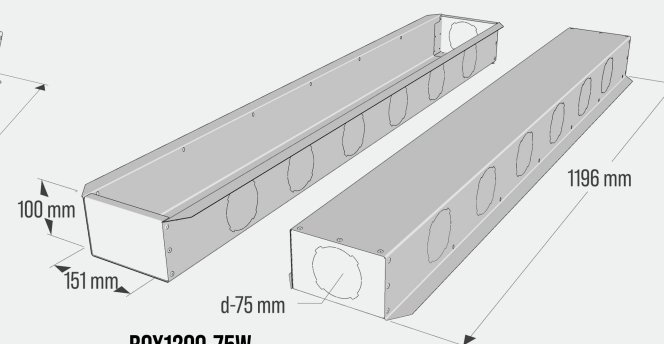
75 mm duct system



BOX600-75W
CONNECTIONS side x4, top x4, end x1



BOX1000-75W
CONNECTIONS side x4, top x4, end x1



BOX1200-75W
CONNECTIONS side x5, top x5, end x1

Min ceiling lowering height required - **125 mm** for single and double layers of plasterboards. Recommended ceiling lowering height - 140 mm.

3 SLOTS

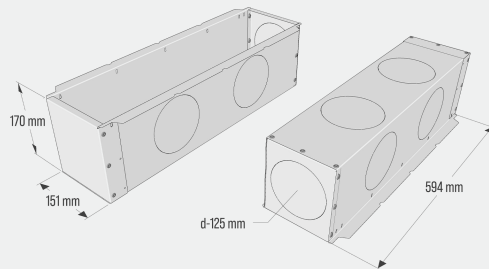
PLENUM BOXES

COMPATIBILITY, ORDERING CODES AND DIMENSIONS

600 mm air diffuser

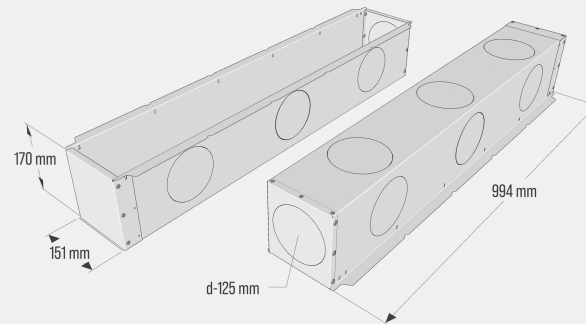
1000 mm air diffuser

1200 mm air diffuser



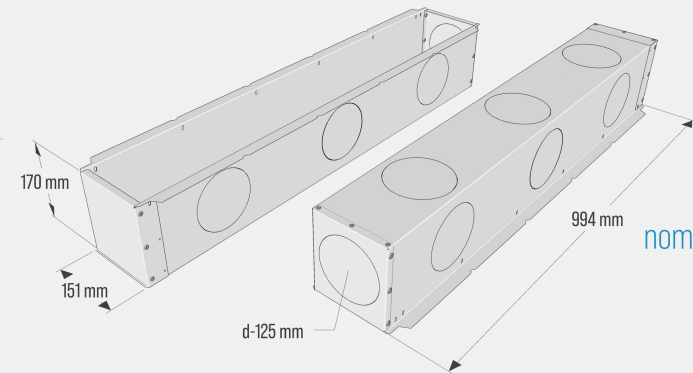
BOX600-125W

CONNECTIONS side x2, top x2, end x1



BOX1000-125W

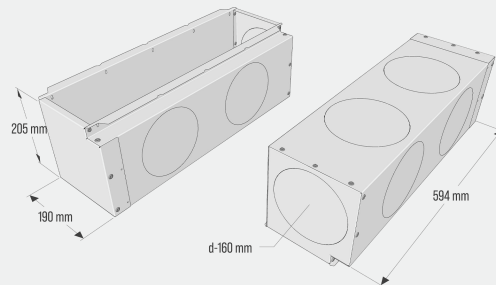
CONNECTIONS side x3, top x3, end x1



BOX1200-125W

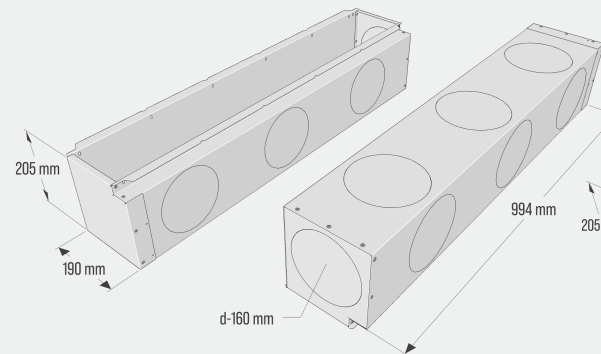
CONNECTIONS side x4, top x4, end x1

125 mm
nominal connection



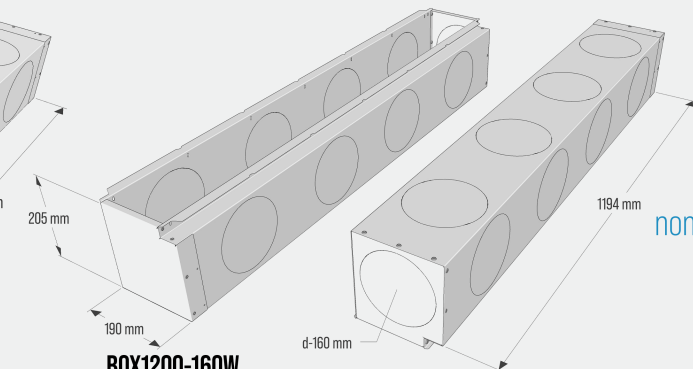
BOX600-160W

CONNECTIONS side x2, top x2, end x1



BOX1000-160W

CONNECTIONS side x3, top x3, end x1



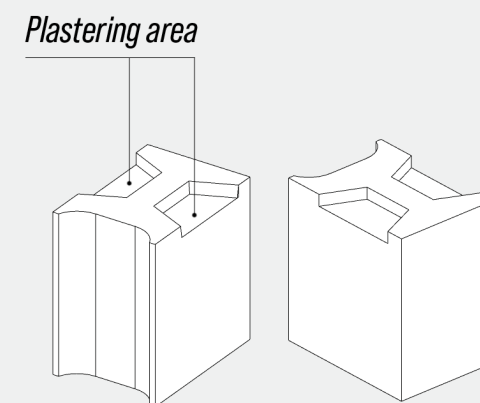
BOX1200-160W

CONNECTIONS side x4, top x4, end x1

160 mm
nominal connection



THE PLUG FUNCTION



WEIGHT: 20 g
TYPE: reversable
FINISHING: rounded/sharp

FUNCTION

- a) reversion** plug reversion allows to choose between rounded and rectangular finishing.
- b) movement** plug movement along slot allows to choose desired diffuser length.

MATERIALS: natural gypsum / ceramics composite