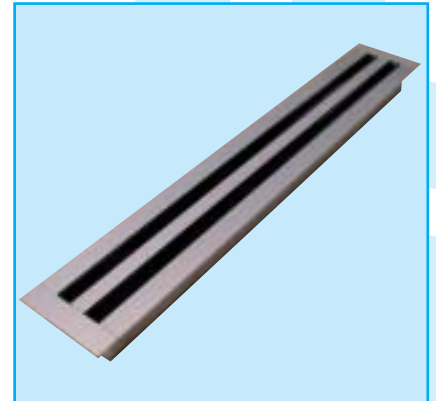
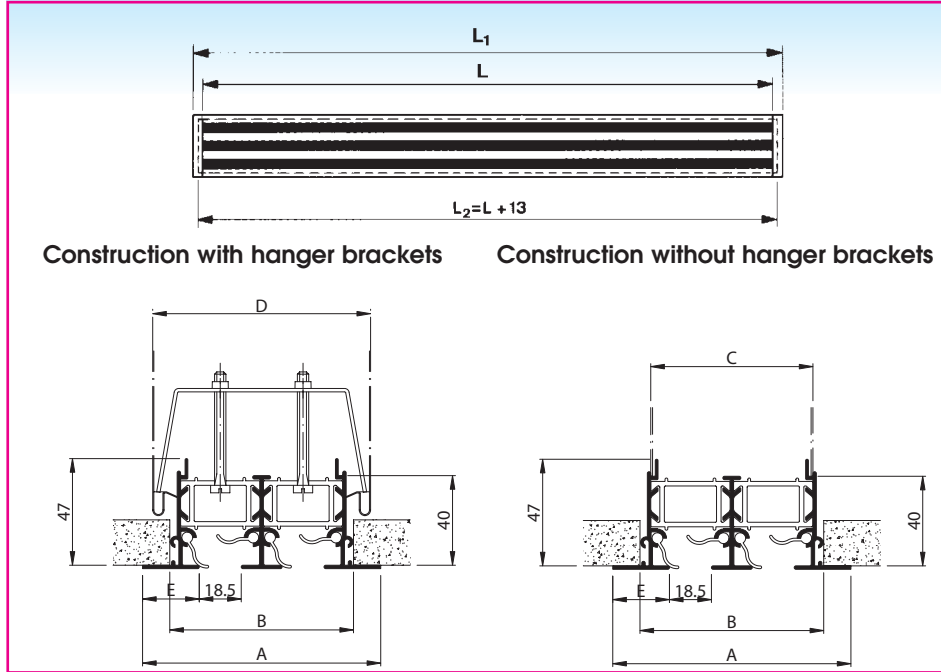


ADJUSTABLE SLOT DIFFUSER S-600

Installation dimensions



Application

The slot diffuser, type SE600 is used for the supply of cooled and heated air in facilities such as offices, shops, meeting rooms, ...

It is designed for installation in the ceiling or sidewall and is available from 1 to 8 slots. Each slot is individually adjustable and equipped with 2 deflector vanes of a special design to minimise the internal turbulences. Also one can obtain an ideal air supply pattern adjustable over 180°.

All lengths are available so that the diffuser fits ideally in every ceiling-system.

	Number of slots							
	1	2	3	4	5	6	7	8
A (SE)	68,5	105	141,5	178	214,5	251	287,5	324
B	48	84	121	157	193	230	266	303
C	34,5	71	107,5	144	180,5	217	253,5	290
D	58	94	131	167	204	240	277	313

L = slot length

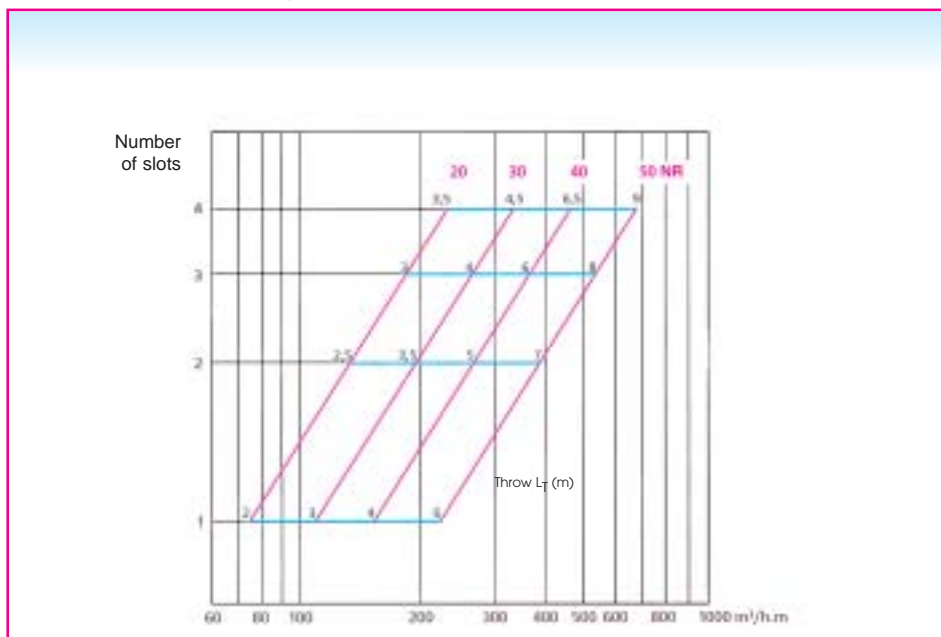
L_2 , B = minimum ceiling opening

SE : $L_1 = L + 50$

E = 25

All dimensions in mm.

Fast selection diagram

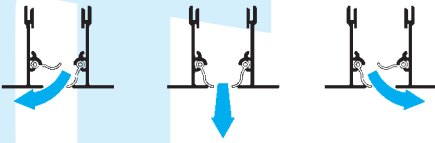


Throw factor is based on a v_p of 0,17 m/s in the occupied zone.
See page 4 012 for a detailed selection

Technical information

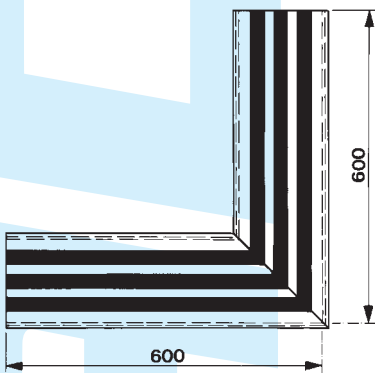
Characteristics

- **S-600**: available up to 8 slots with
- all lengths available (in steps of 1 mm): from 300 mm up to 2000 mm in one piece; larger lengths with intermediate pieces (length = 1500 mm) and end pieces
- margin width of 25 mm
- none operational parts or dummy diffusers; slots are closed by black PVC strips (S-650)
- exhaust: without deflectors
- supply: horizontal or vertical air supply pattern possible by adjustable deflectors



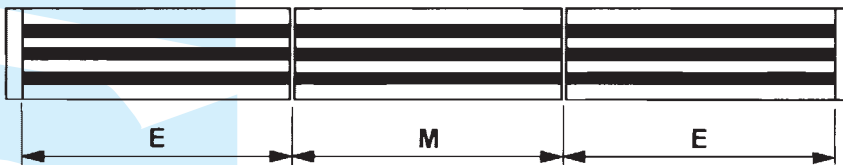
Adjusting possibilities :

- corner sections : for types S-600 and S-650 of slot diffusers appropriate corner sections in one piece are available in the dimensions as indicated. No plenum available for corner sections. Standard construction with corner of 90°, fitting in a ceiling opening of 600 mm. O/all dimension = 614 mm



How to order

SE600 with 2 slots and black aluminium deflectors, slot length 1000 mm.



- slot length (mm)
- : slot diffuser in one piece with end caps on both sides
- E : end pieces, with one end cap
- M: intermediate piece, without end caps
- C: corner section 90° (600x600 mm)
- number of slots
- 0 : exhaust, no deflectors
- 1 : supply, with **black** aluminium deflectors
- 2 : supply, with **white** aluminium deflectors
- 5 : dummy diffuser
- E : margin width 25 mm

- available with plenum :
 - with or without damper in the inlet
 - up to a length of 1600 mm
 - supplied with one circular inlet spigot, over 1600 mm : two circular inlet spigots

Construction

- slot diffusers out of natural tone anodised aluminium, with deflectors in black extruded PVC
- construction with deflectors in white extruded aluminium, diffuser standard satin anodised
- out of galvanised sheet steel, with or without insulation

Specifications description

Example :

Aluminium linear diffuser with 2 supply slots and adjustable deflectors. Complete with fixed mounted plenum, insulated at the inside, with circular side inlet spigot and damper. Diffuser natural tone anodised, black aluminium deflectors.

Type : SE612 + SP132 G
L = ... mm

Accessories

BOBSE : blanking off baffle; made out of steelplate, painted in black (RAL9005)

Fixing

- concealed fixing
- either by a direct and fixed mounting of the diffuser on the plenum (mounting Grada on demand)
- or by mounting brackets so that the diffuser can be removed from the plenum
- plenum provided with mounting eyes (∅ 7mm), mounting straps available on demand