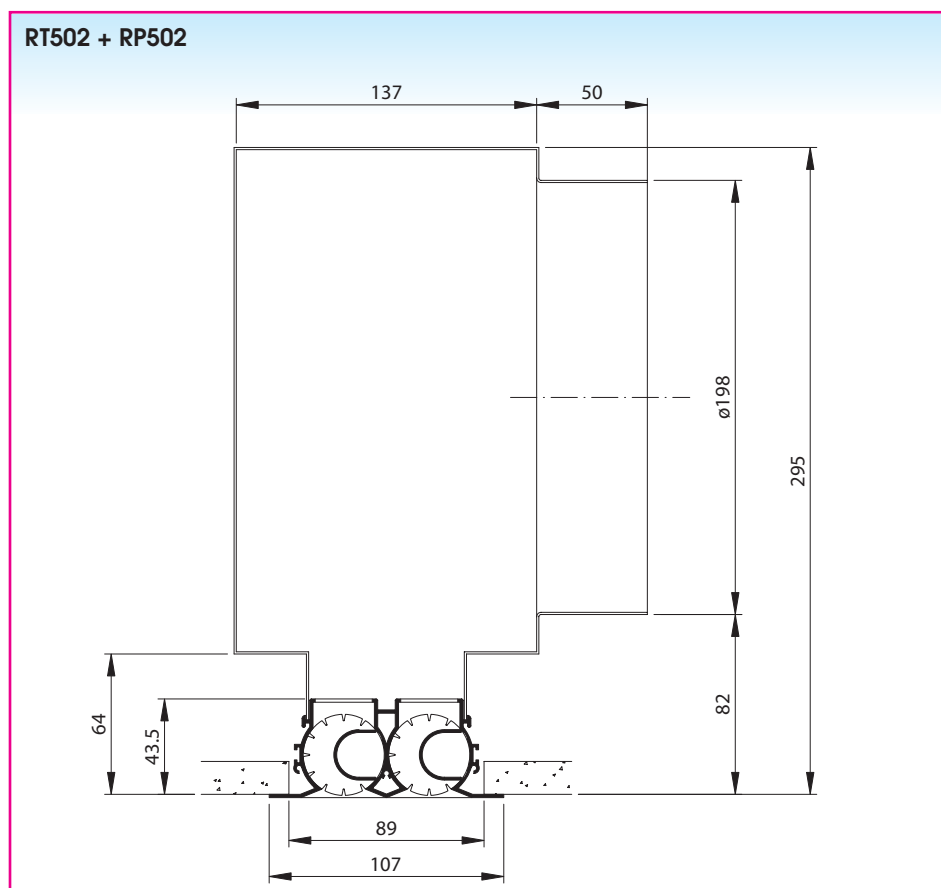
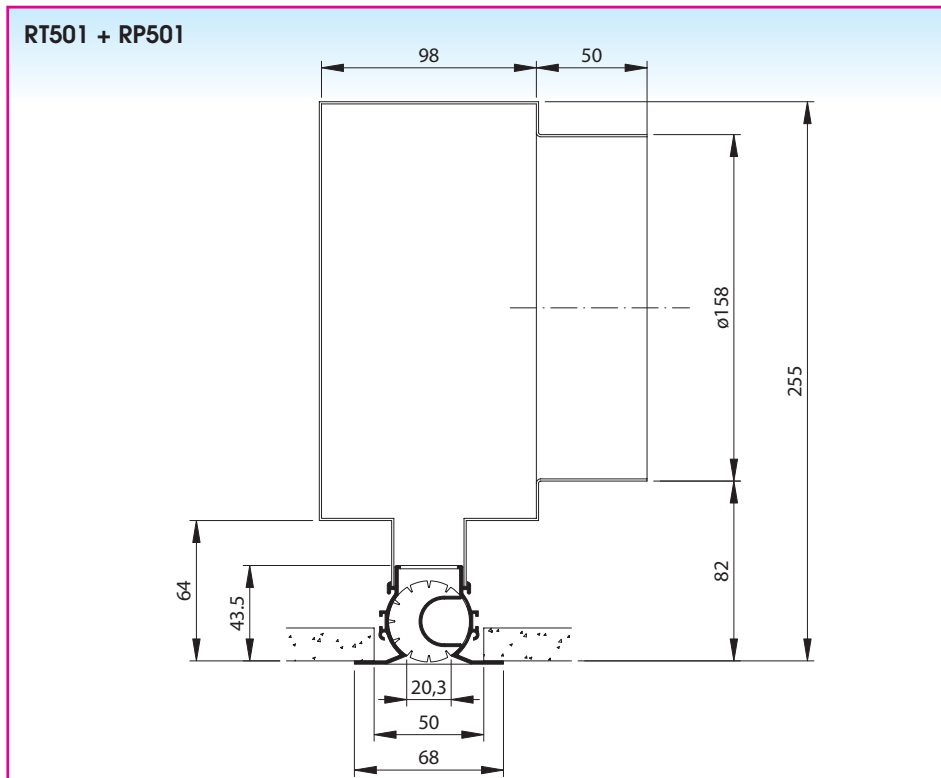


DRUM SLOT DIFFUSER RT500

Installation dimensions



All dimensions in mm.



Application

The RT500 drum slot diffuser is suitable for the intake and extraction of cooled and warmed air in offices, shops, meeting rooms, etc. The diffuser was designed for mounting in ceilings and is available with 1 or 2 slots. Each slot is fitted with air direction elements which can be individually adjusted. These specially developed air direction elements (drums) ensure an ideal and stable air diffusion pattern as well as a low noise level. There is a high level of induction and air stream penetration in the room without any internal turbulence. As a result, the drum slot diffuser is quite suitable for HVAC applications. All lengths are available so that the diffuser can be fitted into any ceiling.

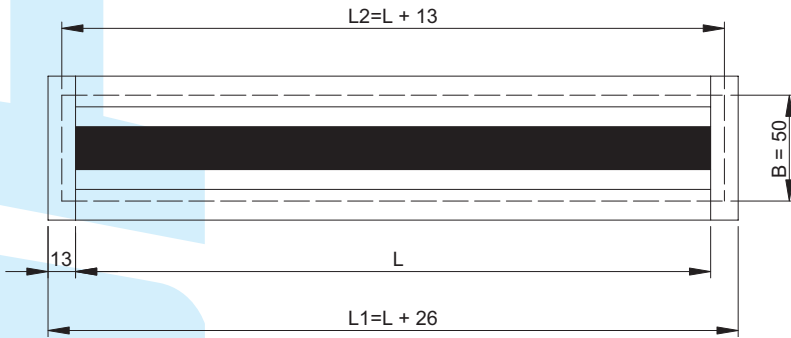
Technical information

Characteristics:

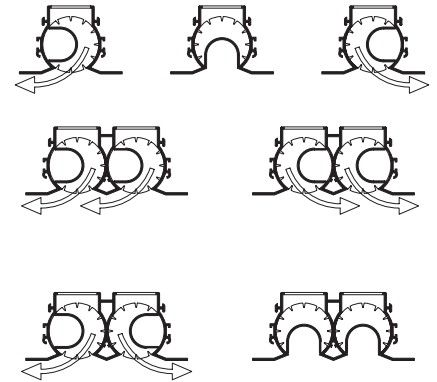
- 50 mm wide front diffuser with 1 or 2 air slots
- all lengths available (in 1 mm increments): from 300 mm to a length of 2000 mm in a single piece, larger lengths in centre-pieces (length = 1500 mm) and end-pieces which are joined together using connecting pipes
- non-working parts or dummy diffusers without holes for air flow
- extraction: without air nozzles
- supply: one-sided horizontal, two-sided horizontal and alternating blowing pattern possible with the adjustable air nozzles which can be set either in the factory or on

RT501

L = slot length (mm), L₂ and B = ceiling opening

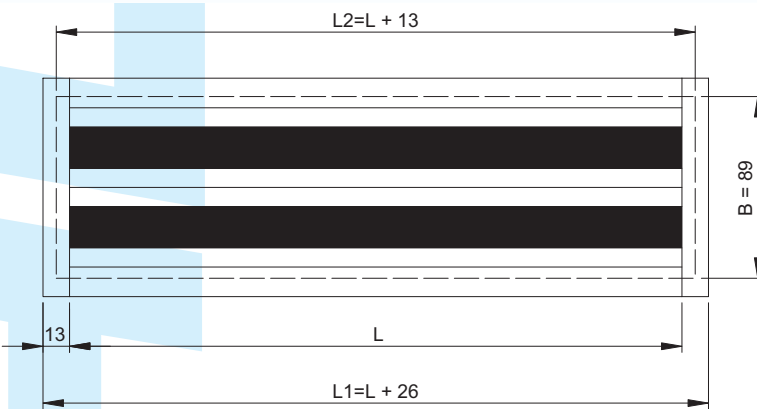


Adjusting possibilities RT501



RT502

L = slot length (mm), L₂ and B = ceiling opening



site simply by turning

- alternating horizontal: alternate every 2 air nozzles
- alternating oblique: alternate at every air nozzle
- length of air nozzle = 150 mm
- 2.6 m < installation height < 4 m
- available with plenum:
 - with or without volume control valve in the inlet, adjustable via the front diffuser
 - up to a length of 1600 mm fitted with one round inlet, above 1600 mm two round inlets
 - optional internal insulation

How to order

RT501 with 1 slot, aluminium anodised, slot length = 1500 mm

R	T	5	0	1	-	F	1	5	0	0	-	-	-	-
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

- slot length (mm)
- : anodised aluminium
- F : painted in a RAL-colour
- : slot diffuser in one piece with end caps on both sides
- E : end pieces, with one end cap
- M : intermediate piece, without end caps
- 501 : ceiling opening 50 mm, 1 slot
- 502 : ceiling opening 89 mm, 2 slots
- 601 : ceiling opening 50 mm with concealed fixing
- 602 : ceiling opening 89 mm, 2 slots, with concealed fixing
- 511 : dummy diffuser (for R-501), with brackets
- 512 : dummy diffuser (for R-502), with brackets
- 611 : dummy diffuser (for R-601), with concealed screw fixing
- 612 : dummy diffuser (for R-602), with concealed screw fixing
- T : supply (black air direction elements)
- W : supply (white air direction elements)
- A : exhaust (without air direction elements)

Construction:

- diffuser made from extruded aluminium, natural tone anodised or painted in a RAL colour
- fitted with black or white air nozzles made from ABS plastic
- plenum made from galvanised sheet steel, optionally insulated

Specifications description

Example :

Aluminium line diffuser with 2 outlet slots with adjustable air nozzles. Suitable for mounting in ceilings. Delivered complete with fixed plenum with round side connection and volume control valve. Diffuser natural tone anodised with black plastic air nozzles. The plenum is made from galvanised sheet steel.

Type : RT502 + RP512

L = ... mm

Fixing

- either by a diffuser attached directly to the plenum, either by a concealed fixing so that the diffuser can be removed from the plenum
- provided with mounting eyes (ø 7mm), mounting straps available on demand

DRUM SLOT DIFFUSER RT500

How to order

RP501, insulated plenum, slot length = 1500 mm

R	P	5	0	1	-	G	0	1	6	0	1	5	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Diameter spigot slot length (mm)

- : non insulated plenum
G : internally insulated plenum

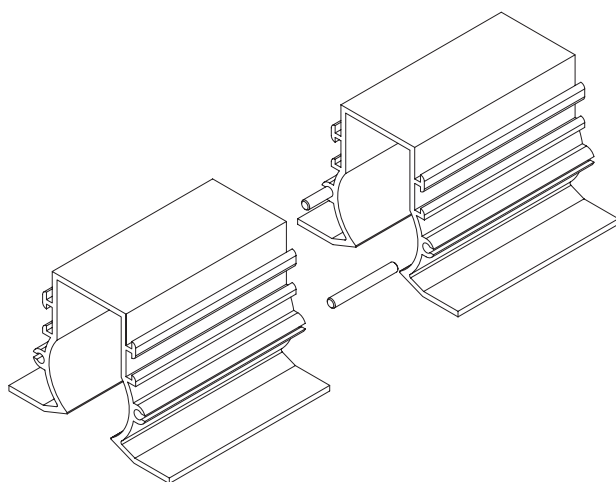
- : one piece
L : end piece left
R : end piece right
M : intermediate piece

1 : one slot
2 : two slots

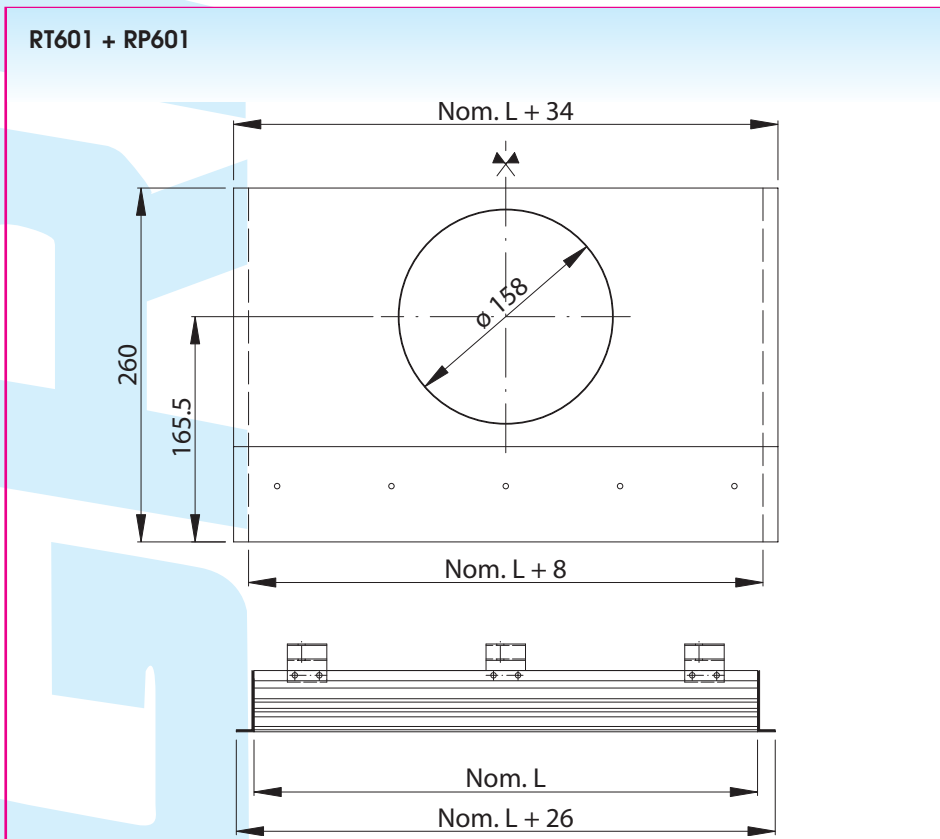
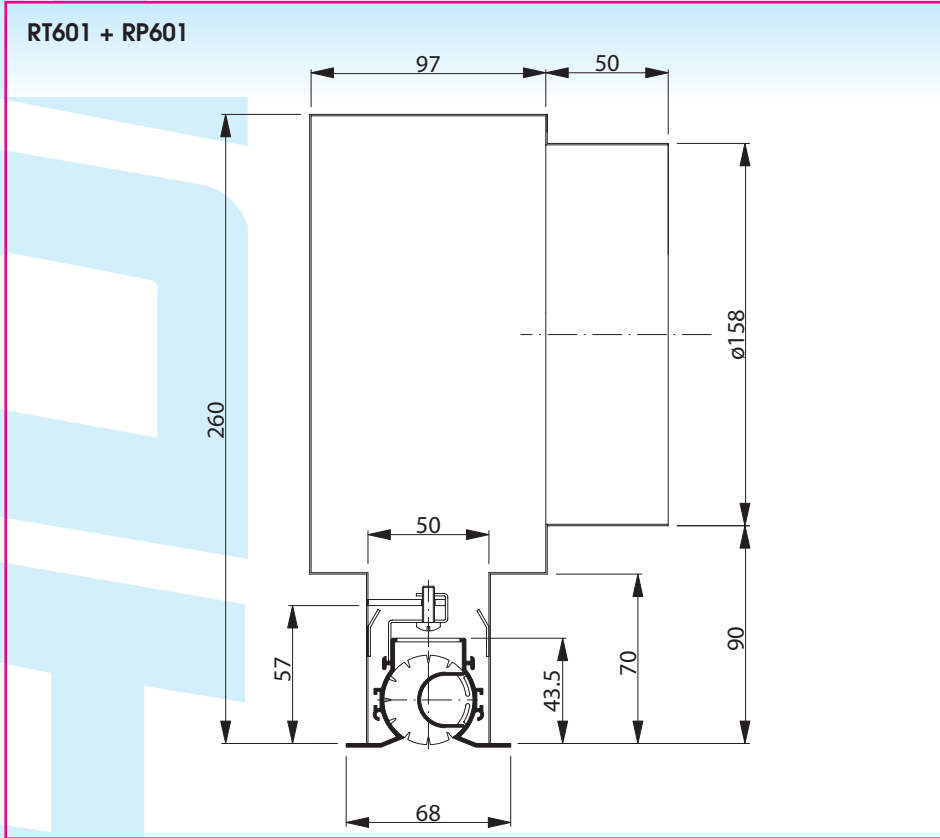
0 : without damper in the inlet spigot
1 : with damper in the inlet spigot

RP5 : plenum
RP6 : plenum (with concealed fixing)

Connection linear grilles



**DRUM SLOT DIFFUSER
RT500**



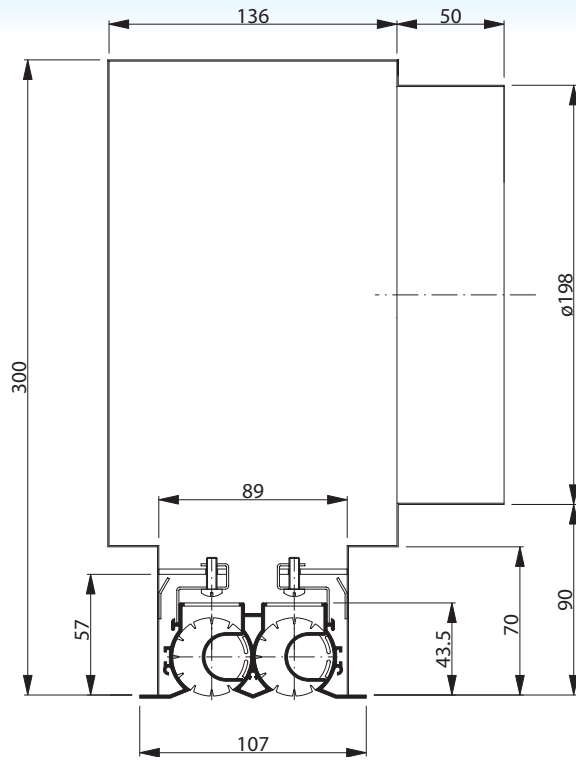
Linear execution:

end pieces + 15 mm

intermediate pieces = nominal dimension

**DRUM SLOT DIFFUSER
RT500**

RT602 + RP602



Linear execution:

end pieces + 15 mm

intermediate pieces = nominal dimension

RT602 + RP602

