

## RT 350

### Adjustable linear diffusers

#### Product

RT 350

#### Construction material

Aluminium

#### Finishing

Natural anodized

RT 350 linear diffusers are suitable for the intake and outtake of hot and cold air in offices, shops, meetings rooms, etc. These diffusers are particularly suitable for installation in false ceilings and come with 1 or 2 slots.

Every slot has special cylindrical deflectors that can be individually adjusted. These specially-made devices assure an optimal and steady air flow and are very silent.

They also assure a high induction ratio and the penetration of the air flow in the room avoiding a turbulent flow. The diffusers are available in different lengths in order to make them suitable for any type of false ceiling.

#### Sizes L (mm)

600 800 1000 1200 1500 1800 2000

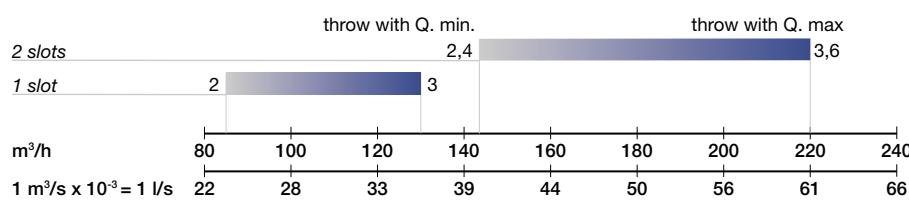
#### RT 351 with 1 slot

RT/W 351 supply diffuser	RT/W 351 E right/left supply diffuser	RT/W 351 M intermediate supply diffuser	RA 351 exhaust diffuser	RA 351 E right/left exhaust diffuser	RA 351 M intermediate exhaust diffuser
RP 301 plenum	RP 301 L/R right/left plenum	RP 301 G insulated plenum	RP 301 LG/RG right/left insulated plenum	RP 301 M intermediate plenum	RP 301 MG insulated intermediate plenum
RP 311 plenum with damper	RP 311 L/R right/left plenum with damper	RP 311 G insulated plenum with damper	RP 311 LG/RG right/left insulated plenum with damper	RP 311 M intermediate plenum with damper	RP 311 MG insulated intermediate plenum with damper

#### RT 352 with 2 slots

RT/W 352 supply diffuser	RT/W 352 E right/left supply diffuser	RT/W 352 M intermediate supply diffuser	RA 352 exhaust diffuser	RA 352 E right/left exhaust diffuser	RA 352 M intermediate exhaust diffuser
RP 302 plenum	RP 302 L/R right/left plenum	RP 302 G insulated plenum	RP 302 LG/RG right/left insulated plenum	RP 302 M intermediate plenum	RP 302 MG insulated intermediate plenum
RP 312 plenum with damper	RP 312 L/R right/left plenum with damper	RP 312 G insulated plenum with damper	RP 312 LG/RG right/left insulated plenum with damper	RP 312 M intermediate plenum with damper	RP 312 MG insulated intermediate plenum with damper

#### Quick selection per linear m.



	Q min.	Q max
NR	< 20	< 35
Pressure drop Pa 1 slot.	15	< 35
Perdita drop Pa 2 slot.	12	< 28

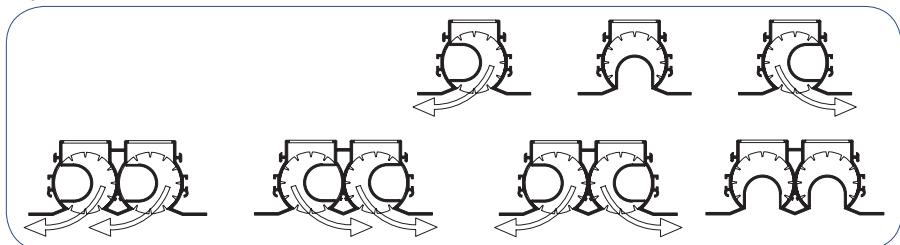
# RT 350

## adjustable linear diffusers

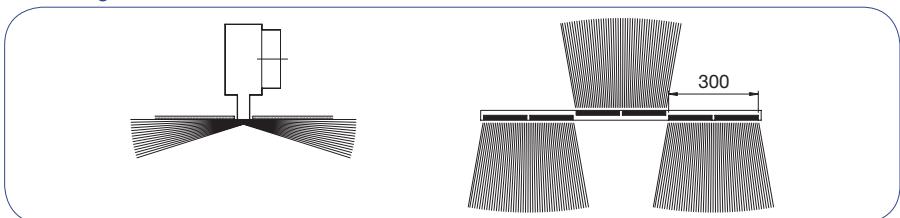
### Technical data

- Front width 35 mm with 1 slot available with standard profile (total width 50 mm) or with shorter profile (overall width 35 mm)
- Available lengths from 300 to 2000 mm in just one element. Other lengths available with 1500 mm central element joined to end parts through connection pin
- False diffusers with back part closed
- Exhaust: without deflectors
- Supply: horizontal flow with one or two way air distribution or alternating distribution through adjustable deflectors that can be calibrated on site or in the factory.
- Length of the cylindrical deflector = 150 mm
- Assembly height between 2.6 and 4 meters
- Available with plenum:
  - with or without air flow adjustment damper on side connection, adjustable from the room
  - up to a length of 1600 mm with round connection, besides 1600 mm with 2 round connections
  - optional internal insulation

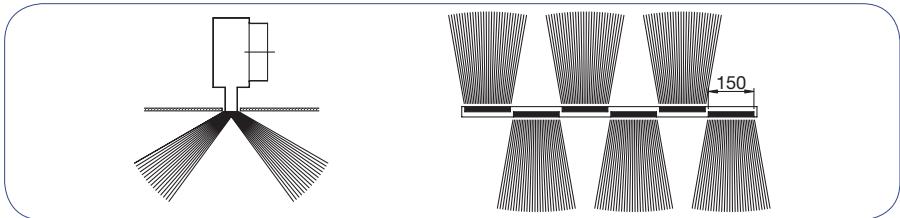
### Adjustments



### Alternating horizontal throw



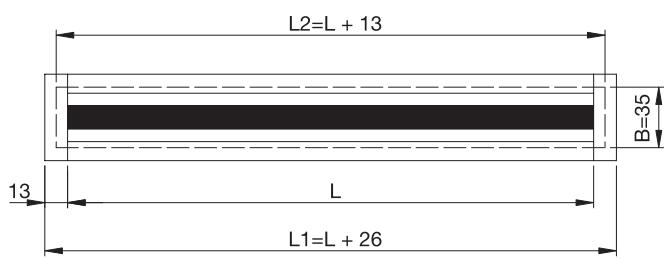
### Alternating variable throw



### RT 351

$L$  = Length a slot

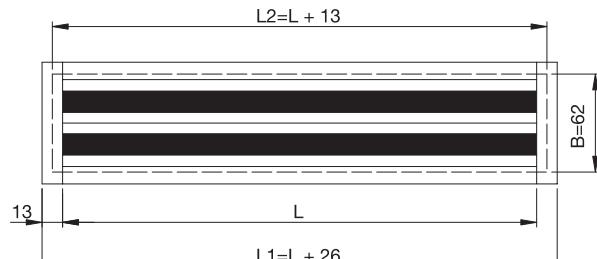
$L_2$  and  $B$  = Ceiling opening



### RT 352

$L$  = Length a slot

$L_2$  and  $B$  = Ceiling opening



# RT 350

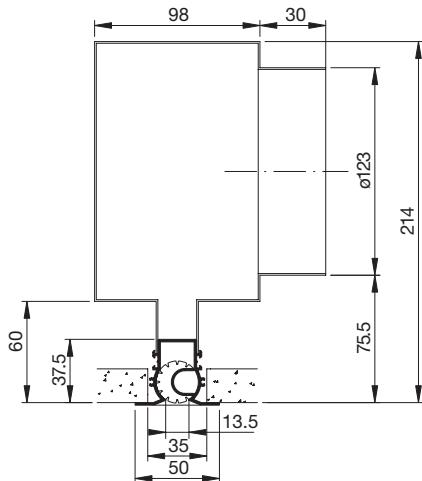
adjustable linear diffusers

## Accessories

### Plenum RP

Galvanized steel sheet distribution box, with 4 fixing brackets. Class 1 insulated type available on request.

RT 351 + RP 301



### How to order

RT151 with 1 slot, RAL finishing, length of slot 1500 mm

R T 3 5 1 - F 1 5 0 0 - - - - -

Length of slot (mm)

- Anodized aluminium  
F RAL finishing

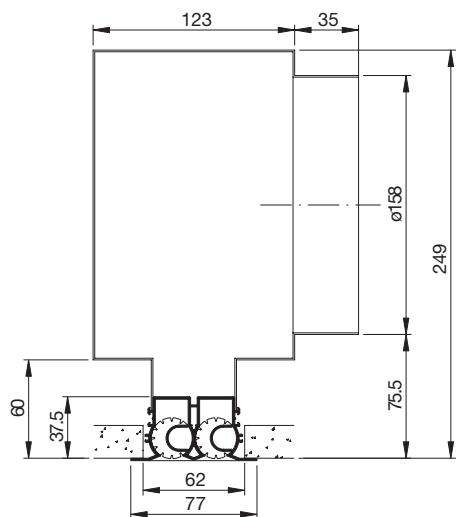
- Linear diffuser in just one element with end closures on both sides
- E Component to put on ends with final closure
- M Intermediate component without end piece closure
- 351 Ceiling opening 35 mm, overall width 50 mm, 1 slot
- 352 Ceiling opening 62 mm, overall width 77 mm, 2 slots
- 361 Ceiling opening 35 mm, overall width 35 mm, end closure X, 1 slot (vedi catalogo tecnico)
- 371 Ceiling opening 35 mm, overall width 35 mm, end closure Z, 1 slot (vedi catalogo tecnico)

T Supply (black deflectors)

W Exhaust (white deflectors)

A Exhaust (without deflectors)

RT 352 + RP 302



### How to order

R P 3 0 1 - G 1 5 0 0 - - - - -

Length of slot (mm)

- Non-insulated plenum  
G Insulated plenum

- Just one component
- L Component to put on outer left end
- R Component to put on outer right end
- M Intermediate component

1 One slot

2 Two slots

0 without adjustment damper on connection

1 with adjustment damper on connection

RP 3 Plenum (assembled directly on diffuser)