

# RT 151

## Adjustable linear diffusers

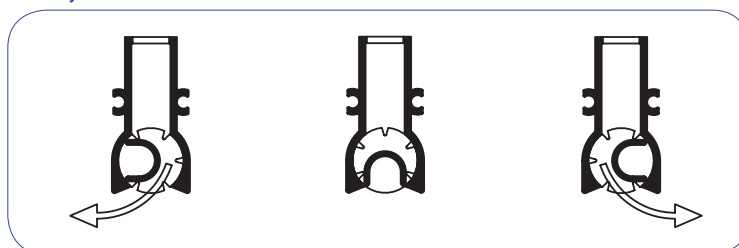
Product	RT 151
Construction material	Aluminium
Finishing	Natural anodized

RT 151 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 slot.

The 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 ensure 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.

### Adjustments



Sizes L (mm)

600 800 1000 1200 1500 1800 2000

**RT/W 151**  
supply  
diffuser

**RA 151**  
exhaust  
diffuser

**RP 101**  
plenum

**RP 101 L/R**  
right/left plenum

**RP 101 G**  
insulated plenum

**RP 101 LG/RG**  
right/left insulated plenum

**RP 101 M**  
intermediate plenum

**RP 101 MG**  
insulated intermediate  
plenum

**RP 111**  
plenum with damper

**RP 111 L/R**  
right/left plenum  
with damper

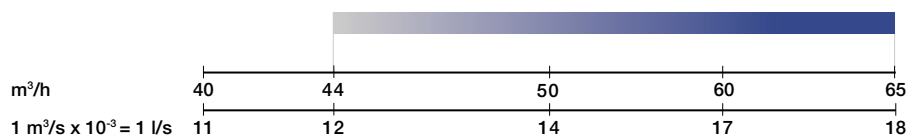
**RP 111 G**  
insulated plenum  
with damper

**RP 111 LG/RG**  
right/left insulated  
plenum with damper

**RP 111 M**  
intermediate plenum  
with damper

**RP 111 MG**  
insulated intermediate  
plenum with damper

### Quick selection per linear m.



	Q min.	Q max
NR	< 44	< 65
Pressure drop Pa	18	< 40

## RT 151

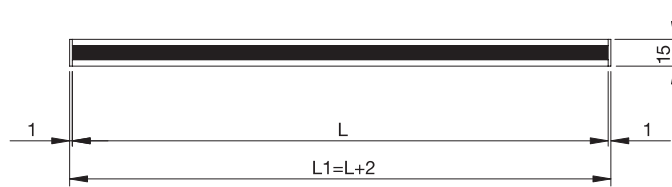
*adjustable linear diffusers*

### Technical data

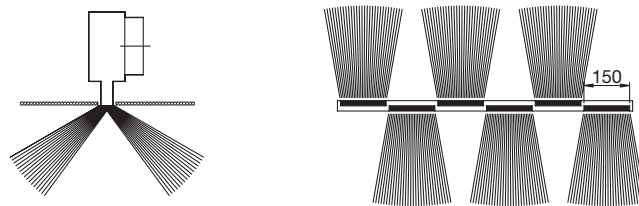
- Front width 15 mm with 1 slot
- Available lengths from 300 to 2000 mm in just one element.  
Other lengths available with 1500 mm central element joined to end parts through connection pin
- False diffusers with back part closed
- Exhaust: without deflectors
- Supply: horizontal flow with one way air 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

**RT 151**    **L** = Length of slot

$L_1$  = Ceiling opening

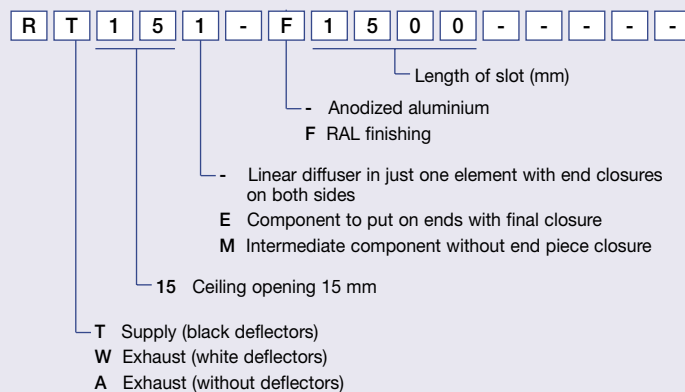


### Alternating variable throw



### How to order

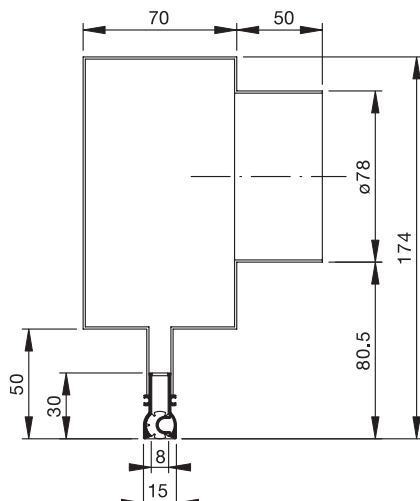
*RT151 with 1 slot, RAL finishing, length of slot 1500 mm*



## Accessories

## Plenum RP

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



### How to order

*RP 101 plenum with 1 slot, length 1500 mm with inside insulation*

