

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

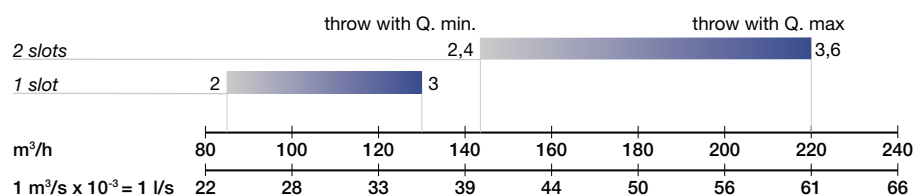
RT 351 with 1 slot

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

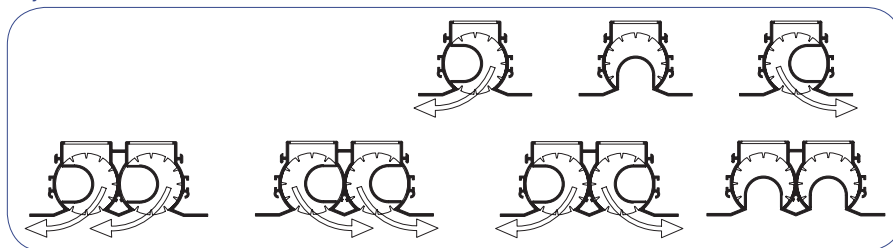
RT 350

adjustable linear diffusers

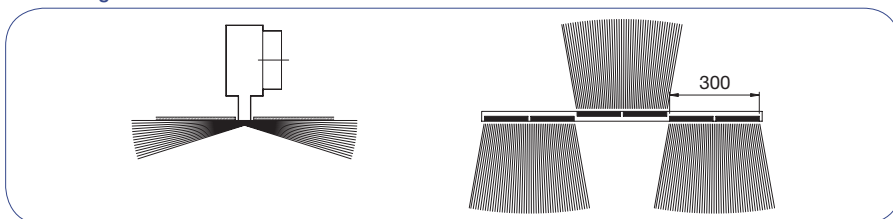
Technical data

- 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

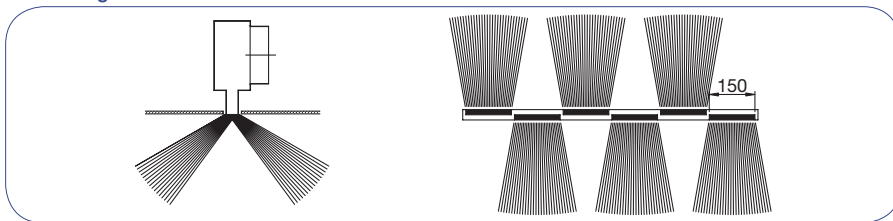
Adjustments



Alternating horizontal throw

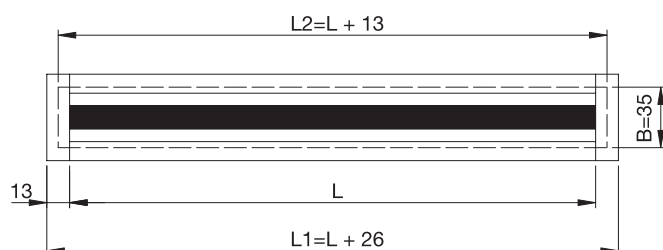


Alternating variable throw



RT 351

L = Length a slot
L₂ and B = Ceiling opening



RT 352

L = Length a slot
L₂ and B = Ceiling opening

