

ROX



**Now also
available sizes
Ø315, Ø400
and Ø500**

Representative of Finnish design, ROX is a perfect nozzle duct for draft-free air distribution. The set includes an active and adaptable supply air unit (ROX), accurate and easy-to-use adjustment part (ROX-S) and non-perforated extension part (ROX-0).

Applications

ROX is particularly suitable for rooms that require large air volumes distributed evenly and without draught such as:

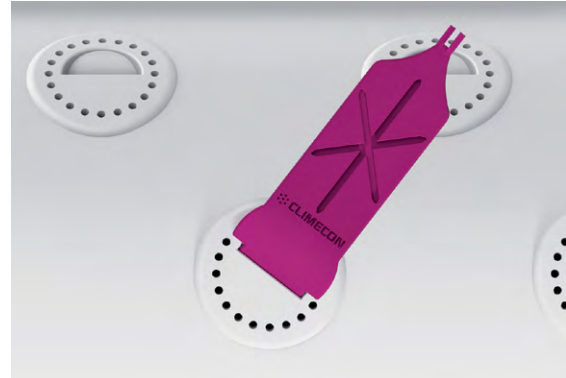
- + Schools and kindergartens
- + Museums and lecture halls
- + Industrial premises
- + Hotels and restaurants
- + Laboratories
- + Premises in which the use or the space arrangement may change over time

Pleasant and draft-free indoor air

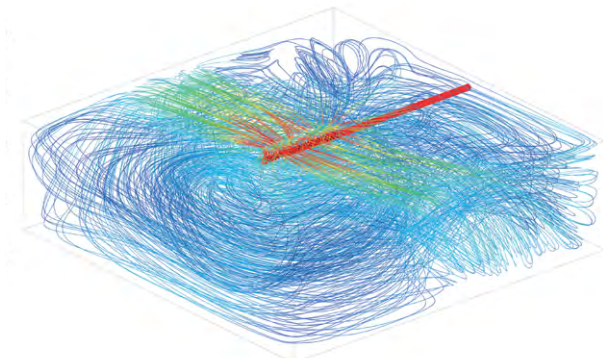
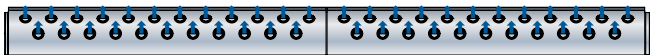
ROX is equipped with unique **CliMix® nozzles**, which combine 100% adjustable throw pattern and a high induction rate, i.e., good miscibility with the room air.

Thanks to the directable nozzles ROX always provides draft-free indoor air. The throw pattern of ROX is easy to redirect if the space arrangements are changed over time. The nozzles can be easily directed in the desired direction with Climecon Multitool delivered with the product.

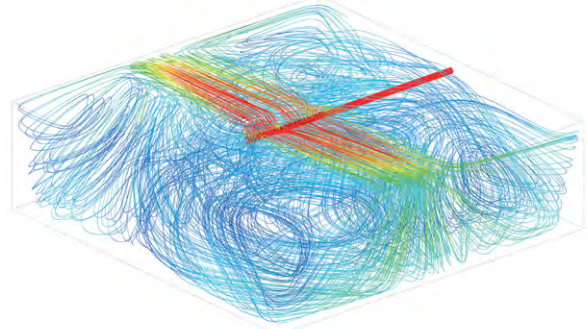
ROX can also be found in MagiCAD!



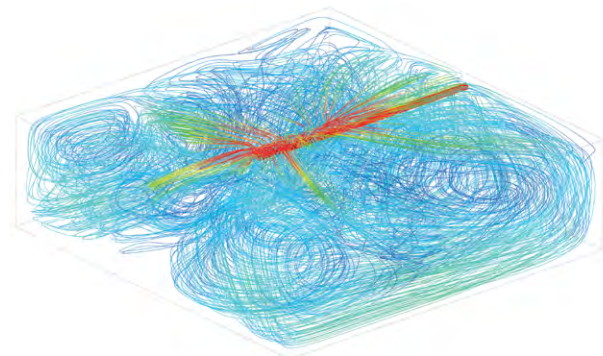
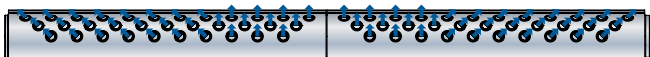
Throw pattern can be easily redirected if the arrangement of the space is changed



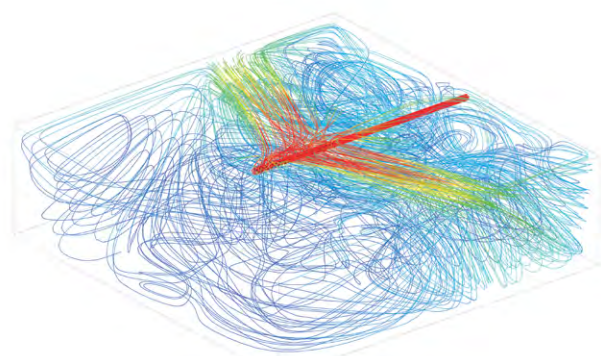
Picture 1. The standard throw pattern with all the nozzles turned upwards.



Picture 2. Long and narrow throw pattern. The uppermost nozzle row directed downwards and the other nozzles straight up.



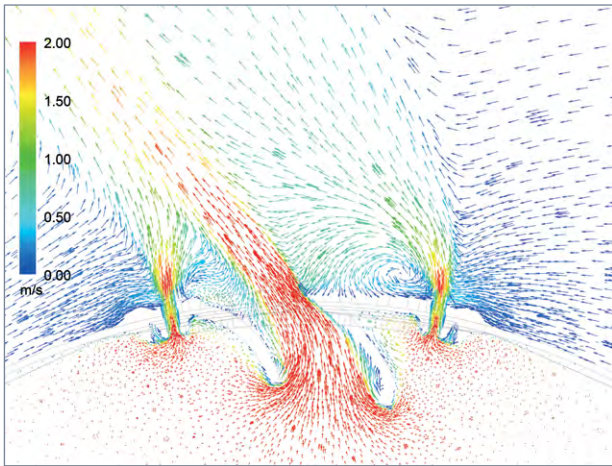
Picture 3. 360° degrees diffusive throw pattern. The nozzles directed both upwards and 45° to the sides.



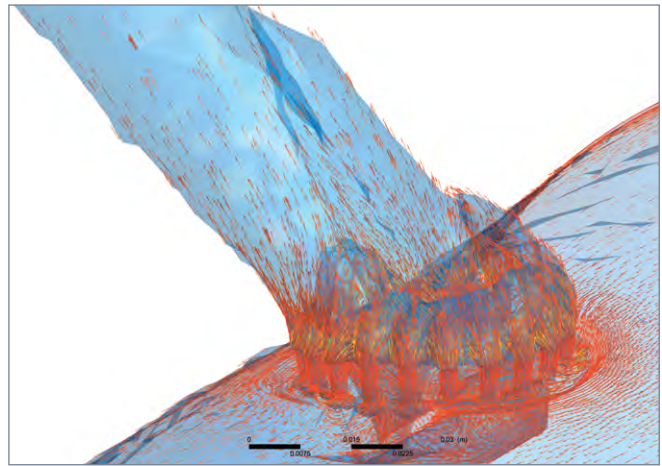
Picture 4. Throw pattern diagonally directed towards the air inlet direction. The nozzles directed at 45° diagonally upward toward the air inlet.

Superior mixing ratio with CliMix® nozzles

The actual nozzle part of the CliMix® nozzle is surrounded by small jet nozzles which capture with them a significant amount of secondary air. The result is effective mixing of the supply air into the room. The jet nozzles prevent the air jet from hitting the nozzle duct, as a result preventing the dirt particles in the room air from sticking to the surface of the product.



Picture 5. The supply air mixes efficiently with the room air, which in turn will level the room temperature differences and reduces the flow velocities in the living zone.



Picture 6. Thanks to an ingenious structure of CliMix® nozzles, the surface of the nozzles will stay clean.

ROX is a part of the new OptiFlow® product family!

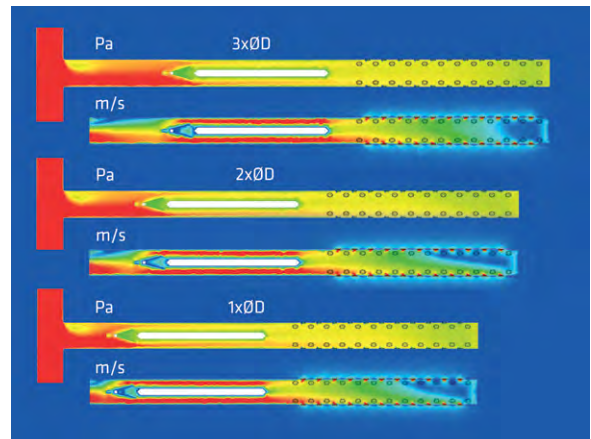
OptiFlow® products adapt to changes in the life cycle of the space due to an optimized and adaptable throw pattern.



Advanced adjustment and damper unit ROX-S

ROX-S adjustment and damper unit have a very high immunity to interference. It works accurately and reliably even at short safety distances. Due to steady pressure distribution the throw pattern is steadily and reliably directable.

ROX-S efficiently dampens the sounds transported along the ductwork.



Product code

ROX ROX-S ROX-0
 ROX 200 - 180 - R - 3000 + ROX-S - 200 + ROX-0 - 200 - 1000
 1 2 3 4 5 6 7 8 9

1 = Duct size Ø 160 - 500

2 = Blow sector
 90 = in one direction
 180 = in two directions

3 = The number of rows of nozzles
 R = Optimized for smaller air volumes
 RR = Optimized for larger air volumes

4 = The length of the active part
 1500 mm, 3000 mm,
 4500 mm, 6000 mm

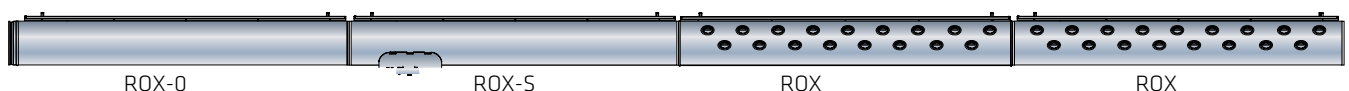
5 = Adjustment and damper unit ROX-S

6 = ROX-S duct size Ø 160 - 315

7 = Extension part ROX-0

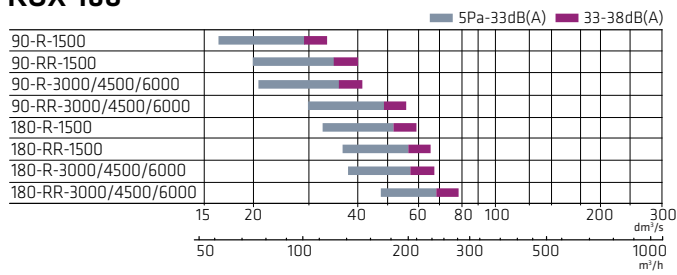
8 = Duct size of the extension part
 ROX-0 Ø 160 - 500

9 = The length of the extension part ROX-0.
 Standard 500 mm, 1000 mm, 1500 mm.
 Upon request there are also other
 dimensions 200 mm - 1500 mm.

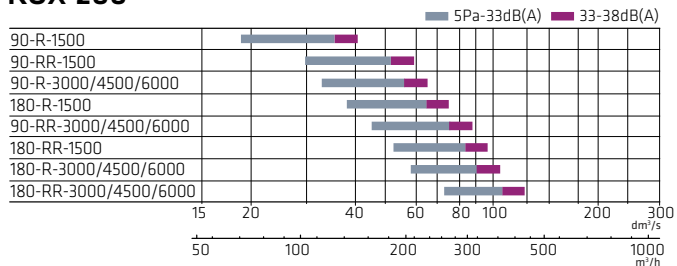


Quick guide

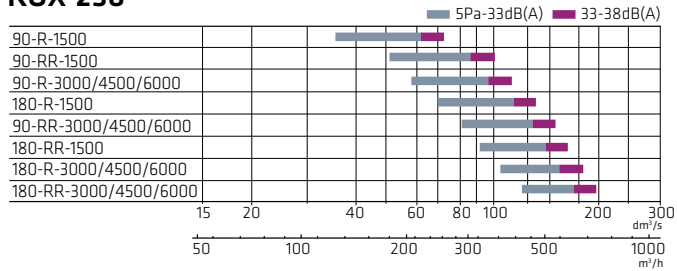
ROX-160



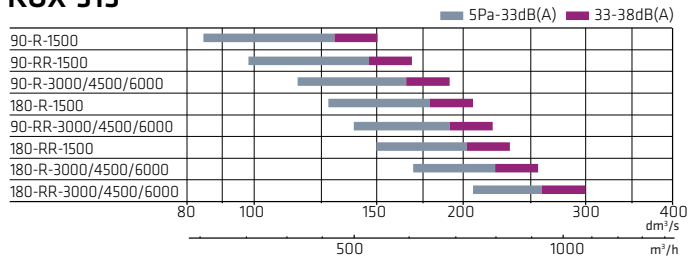
ROX-200



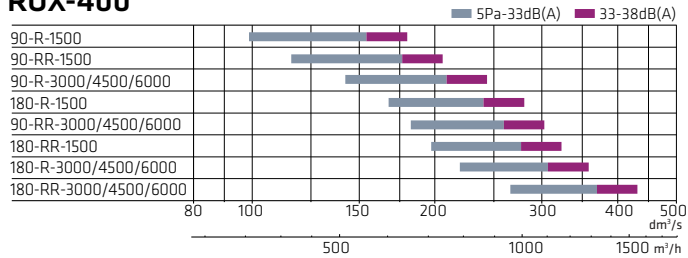
ROX-250



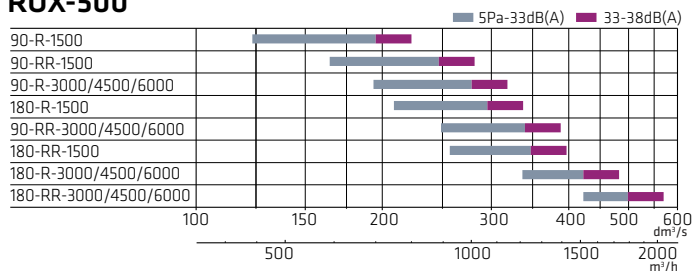
ROX-315



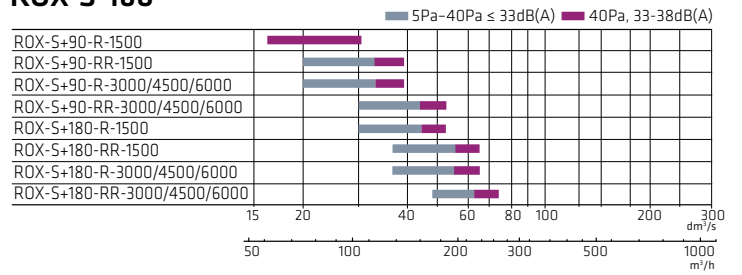
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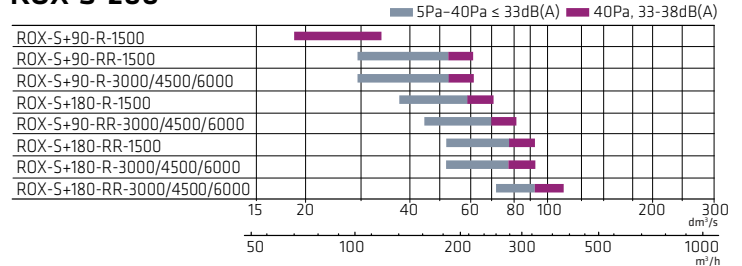
ROX-500



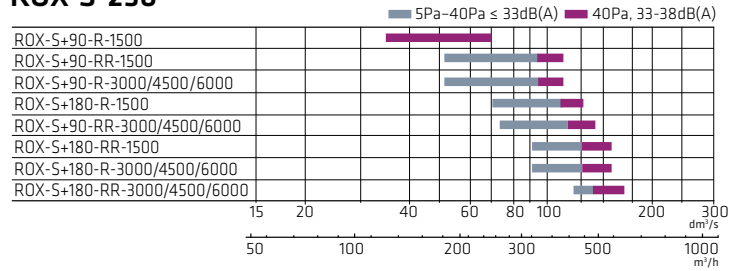
ROX-S-160



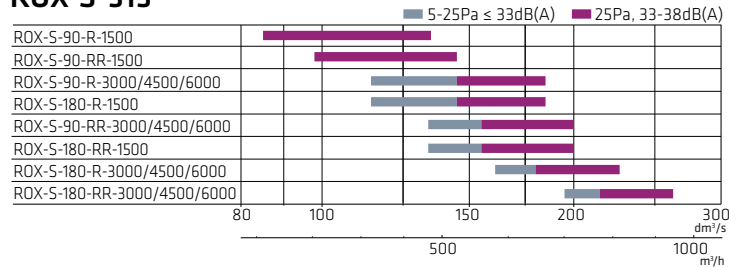
ROX-S-200



ROX-S-250



ROX-S-315



NOTE!

In ROX-S-160, ROX-S-200 and ROX-S-250 models 90-R-1500 purple area = 5Pa-40Pa ≤ 38dB(A)

In ROX-S-315 models 90-R-1500 and 90-RR-1500 purple area = 5-25Pa ≤ 38dB(A)