

RUX



Highly flexible and adaptable supply air device for shopping centres, industrial spaces and logistics centres.

RUX

The RUX supply air device is particularly suited for ventilation and heating of shops, sports facilities and industrial spaces.

The RUX supply air device provides an extremely long and narrow vertical throw pattern while its flexibility also allows a vertical, twisting, narrow and shortened throw pattern, as well as a sideways, downward throw pattern and a horizontal throw pattern (recommended for cooling).

RUX is ideal as a supply air device for high rooms.



RUX Supply air device

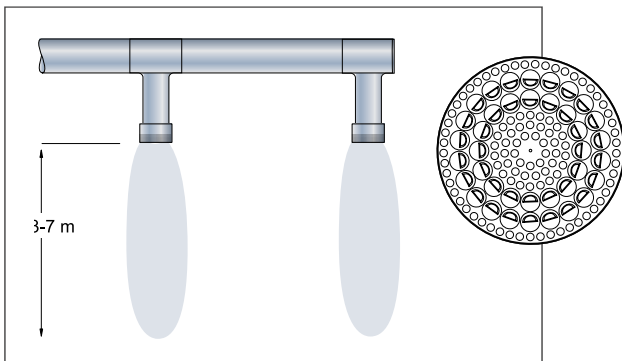


The performance of the highly flexible and adaptable supply air device RUX for high spaces comes from an optimised number of standard and directable nozzles.

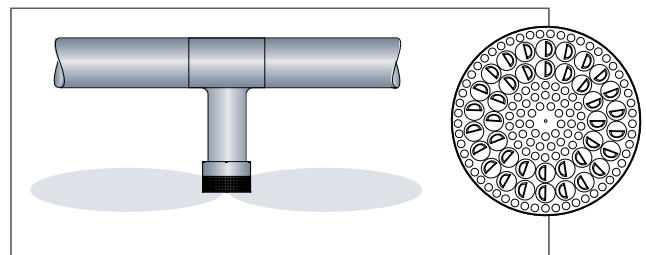
The flexible airflow direction options enable

- a vertical, extremely long and narrow throw pattern
- a vertical, twisting, narrow, shortened throw pattern
- a sideways, downward throw pattern
- horizontal throw pattern (recommended option for cooling)

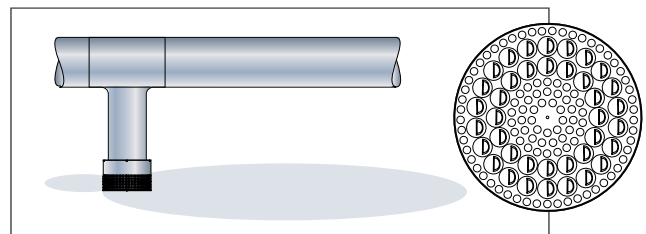
Vertical throw pattern



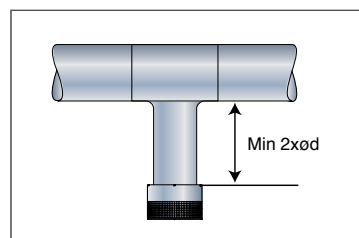
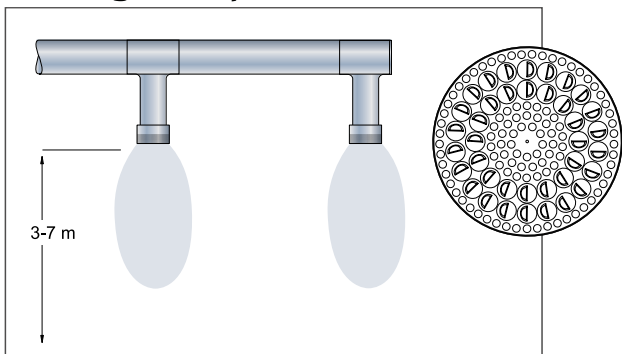
Horizontal twisting throw pattern 360°



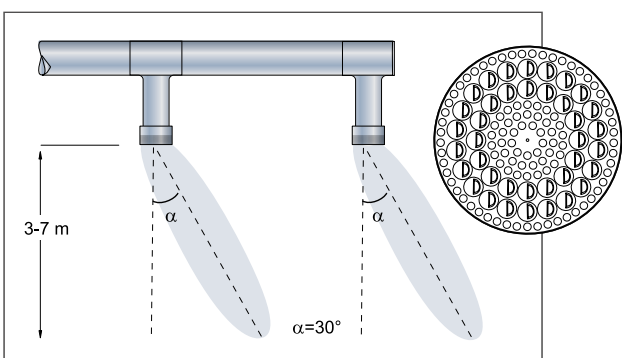
Horizontal throw pattern with unidirectional nozzles



Twisting throw pattern



Sideways throw pattern



Thanks to its flexibility, **RUX** is a perfect choice for spaces in which the layout may change during their lifecycle. If, for example, a work station, shelf or freezer box is installed underneath the vertical throw pattern, the throw may be easily redirected towards free floor space simply by turning the nozzles.

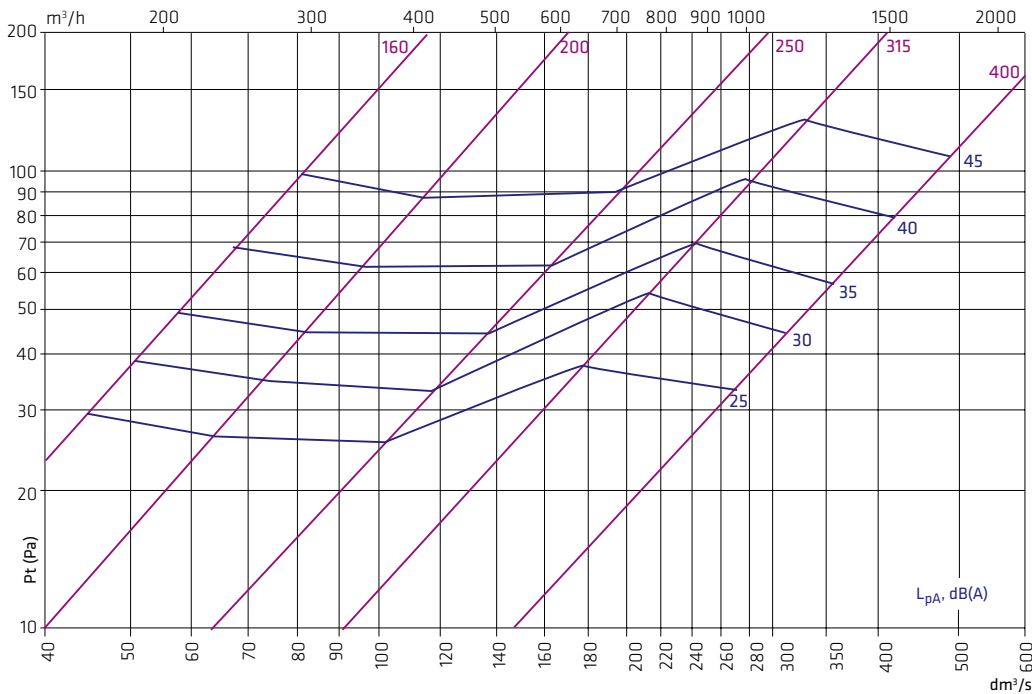
When the downward throw pattern is used, the side openings must be closed. When using the sideways throw pattern, the fixed, formed nozzles must be closed.

Dimensioning

The graphs are not intended for adjustment. Pressure min 40 Pa when supply airflow Δt exceeds 10°C.

Airflow – pressure loss – sound level

RUX-160, RUX-200, RUX-250, RUX-315 ja RUX-400



Sound absorption area:

Size 160-200: 10 m²

Size 250-315: 15 m²

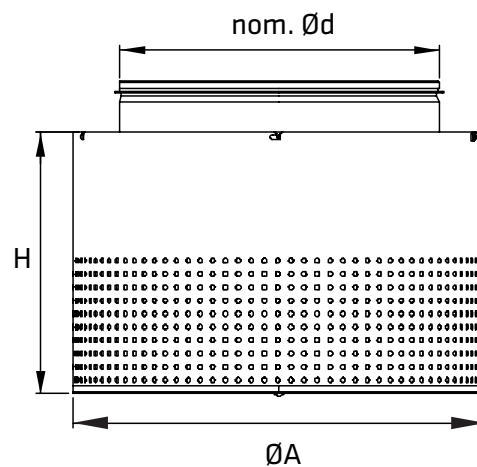
Size 400: 20 m²

$$L_{w\text{okt}} = L_{pA10} + K$$

	f, Hz	63	125	250	500	1k	2k	4k	8k	ΔL (dB)	f, Hz	63	125	250	500	1k	2k	4k	8k
RUX-160	K, dB	-4	-3	2	3	0	-8	-16	-27	RUX-160	ΔL , dB	16	12	4	1	4	5	5	6
RUX-200	K, dB	-11	0	5	4	-1	-10	-17	-27	RUX-200	ΔL , dB	13	9	2	0	5	3	4	5
RUX-250	K, dB	-7	2	9	5	-1	-8	-15	-26	RUX-250	ΔL , dB	11	7	0	1	4	3	5	5
RUX-315	K, dB	-1	4	7	6	1	-4	-10	-20	RUX-315	ΔL , dB	11	6	2	2	1	2	3	4
RUX-400	K, dB	5	6	8	5	2	-3	-11	-17	RUX-400	ΔL , dB	7	4	1	1	1	2	3	3

Dimensions

	nom. $\varnothing d$	$\varnothing A$	H	kg
RUX-160	160	256	102	1,5
RUX-200	200	320	141	2,0
RUX-250	250	405	180	3,7
RUX-315	315	405	258	4,4
RUX-400	400	505	297	5,2

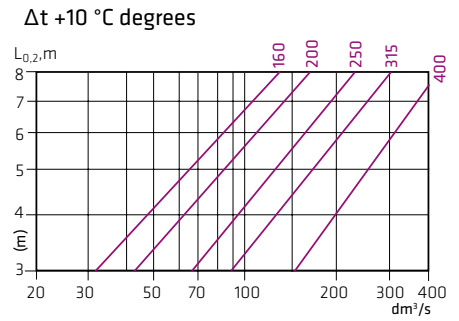
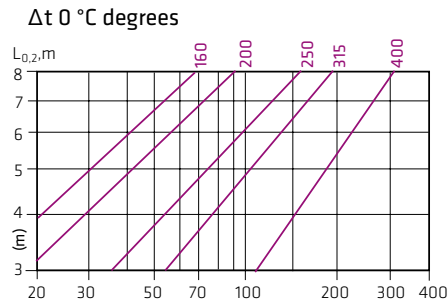
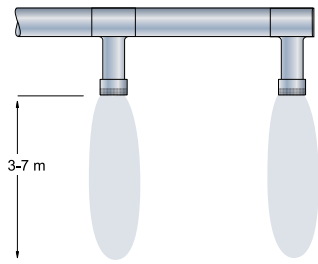


Material and surface finish

RUX is manufactured from galvanised sheet steel. The standard colour is Traffic White RAL 9016. RUX is also available in grey RAL 9007+9023 and black RAL 9005, these colour options also featuring the directable nozzles in the same colour.

Airflow - throw length

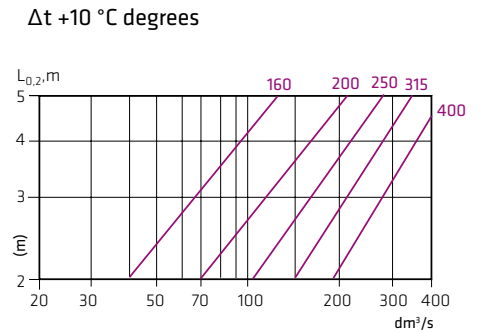
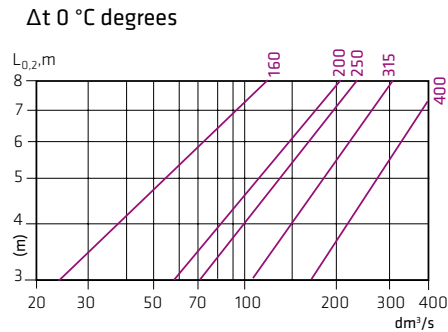
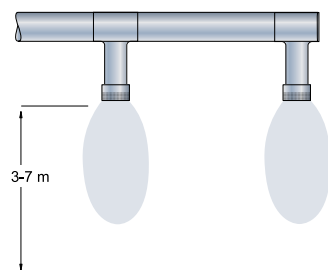
Vertical throw pattern



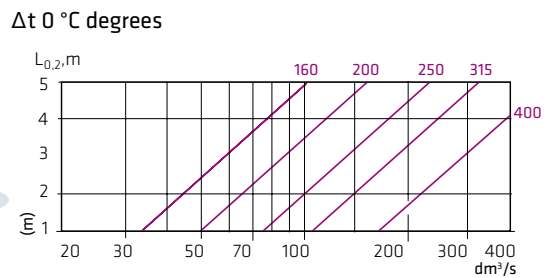
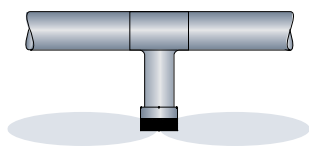
Supply air temperature affects throw length. Throw pattern directed sideways shortens the throw length by approx 2 metres. RUX may be equipped with a regulator throttle if needed.

NOTE! In case of installation height of more than 6 metres, the RIX supply air device for high spaces is recommended.

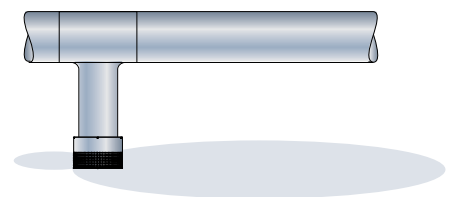
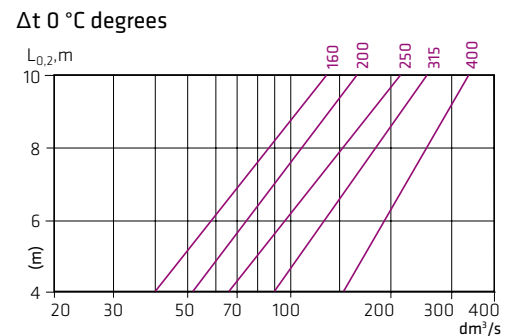
Twisting vertical throw pattern



Horizontal throw pattern 360°



Horizontal unidirectional throw pattern



Climecon products are found in the MagiCAD software.