The diffuser is designed for spaces where a long throw is needed. The right direction of the throw has to be choosed in advance, The sizes 80/25 and 80/40 can be used as high pressure jets. The supply air temperature affects the vertical throw.

Material and surface treatment

RJZ is manufactured from aluminium and is delivered without surface treatment. The diffuser can be painted in RAL colours at additional cost.

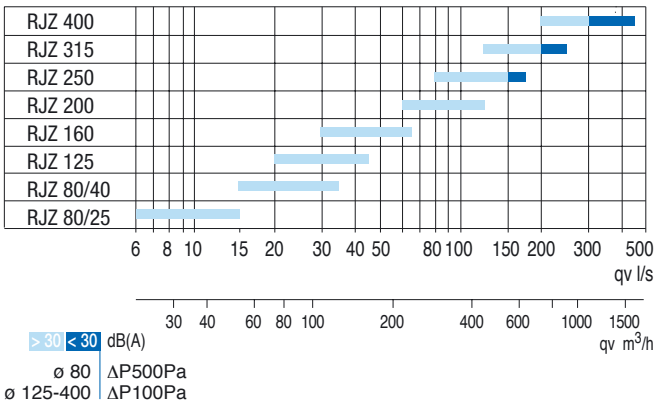
Order Key

Jet diffuser RJZ - 200

1

1 = size 80/25 - 400
Note that size 80 is manufactured in two versions: 80/25 and 80/40

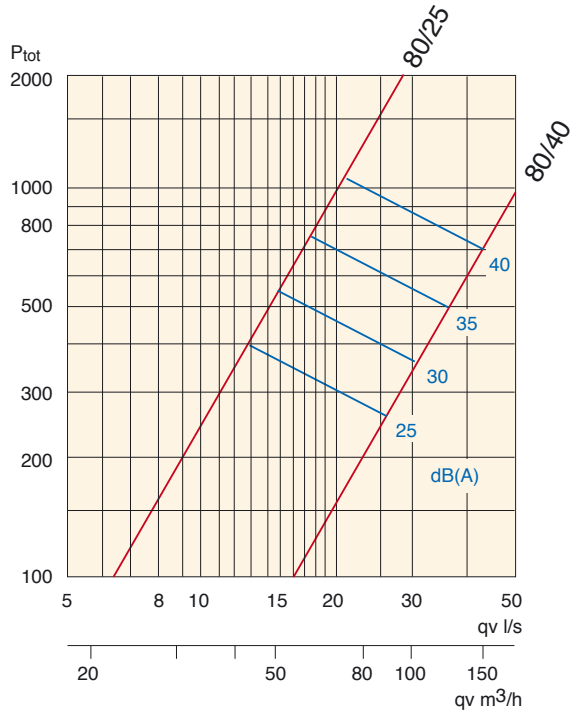
Quick guide



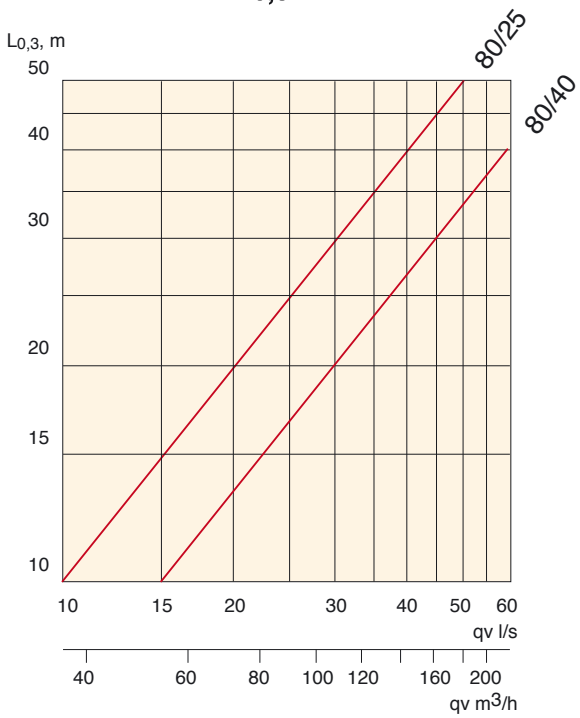
Performance

The graphs are not to be used for commissioning.

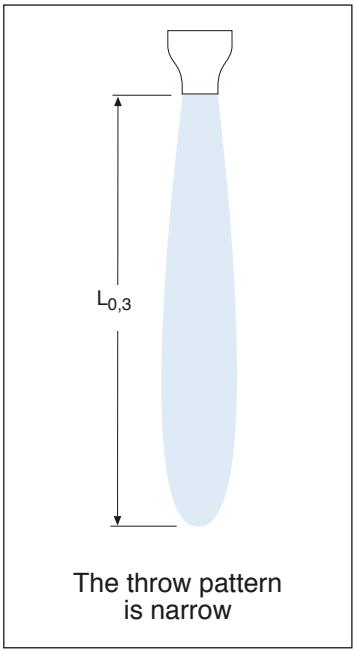
Airflow - pressure drop - sound level



Airflow - throw $L_{0,3}$, m

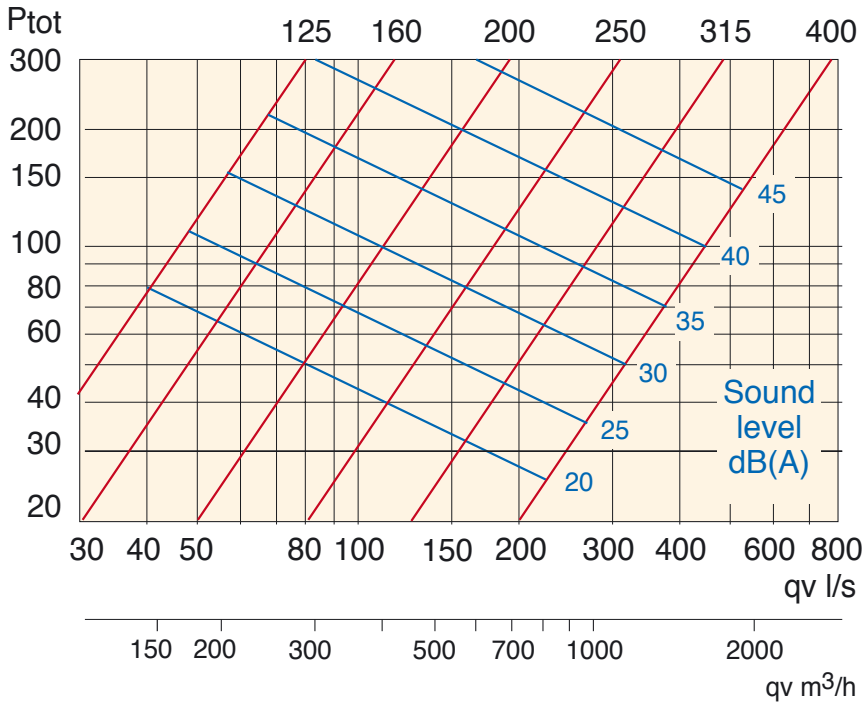


Throw pattern

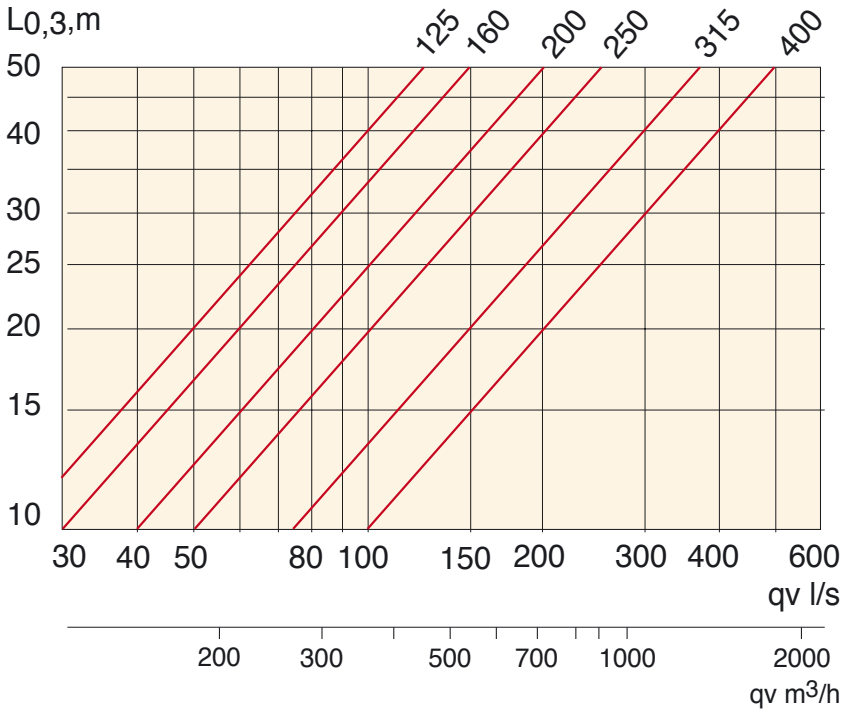


When used as high pressure jet, the supply air inducts a large amount of surrounding room air.

Airflow - pressure drop - sound level



Airflow - throw $L_{0,3}$, m



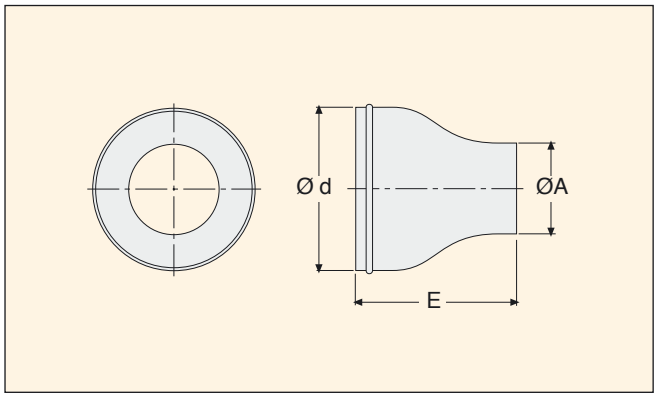
Sound power level L_w, dB

Size	Hz 63	125	250	500	1k	2k	4k	8k
80/25	-19	-14	-9	-5	-4	-3	-2	-3
80/40	-16	-9	-4	-4	-3	-3	-3	-2
125	-9	-5	-4	-4	-3	-1	-4	-13
160	0	1	0	-1	-2	-3	-5	-8

Sound attenuation ΔL, dB

Size	Hz 63	125	250	500	1k	2k	4k	8k
80/25	29	21	21	18	15	12	5	3
80/40	28	22	17	13	9	7	2	2
125	24	19	14	11	8	4	3	3
160	19	16	12	10	7	4	4	4

Dimensions



Size	ø d	Ø A	E	Weight, kg
80/25	79	25	90	0,1
80/40	79	40	90	0,1
125	124	70	90	0,1
160	159	90	110	0,2
200	199	115	140	0,2
250	249	145	185	0,4
315	314	180	215	0,6
400	399	230	270	0,8

Installation