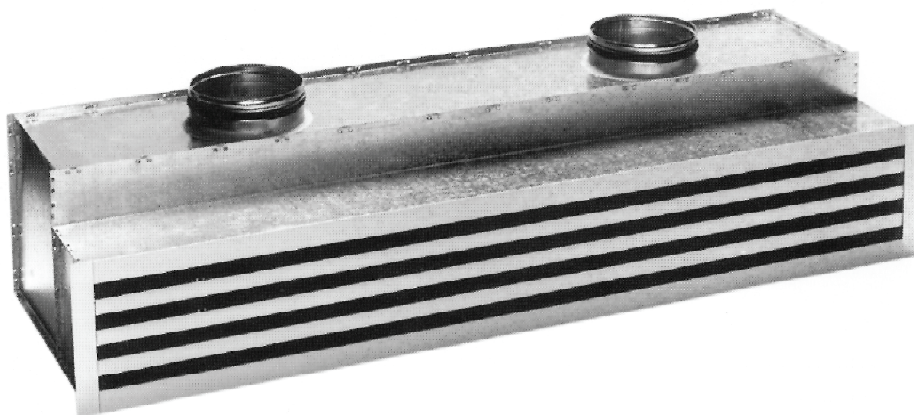


SLOT AIR DIFFUSER RAM

FOR CEILING OR WALL INSTALLATIONS



The RAM unit consists of balancing plenum box RCD and a detachable slot diffuser RLD. Adjustable throw pattern for horizontal (one or two way) or vertical throw. Suitable for continuous linear “wall-to-wall” -installation.

Material and surface treatment

Slot diffuser RLD is made of aluminium profiles. The inner slots are painted Black. The visible part is as standard painted white RAL 9010. Other RAL colours are available at additional costs. The plenum box RCD is made of galvanised sheet steel with acoustic lining.

Throw pattern alternatives

Order key

Slot diffuser RAM - 2 - 600
 1 2

1 = Number of slots (width)

2 = Length L = 600, 900, 1200 or 1500 mm

Continuous linear (example)

RLD - 2 - 10000 / 6pcs RCD - 2 - 1200 - linear

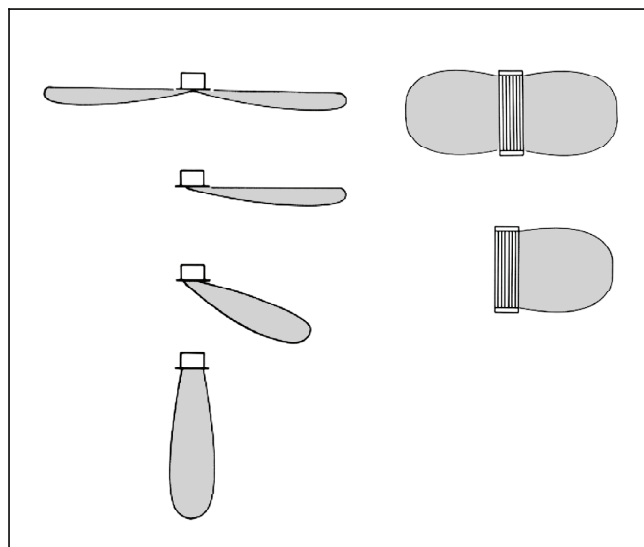
1 = Number of slots (width)

2 = Slot diffuser length, mm

3 = Number of plenum boxes

4 = The plenum box size

5 = Has to be specified



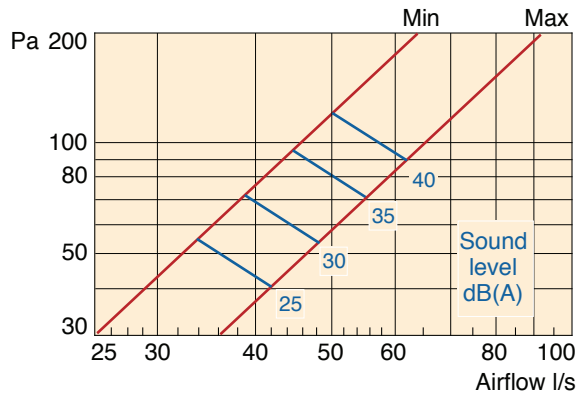
Throw direction can be adjusted 0 - 90° from the installation level. Slots should be locked in desired position.

Performance

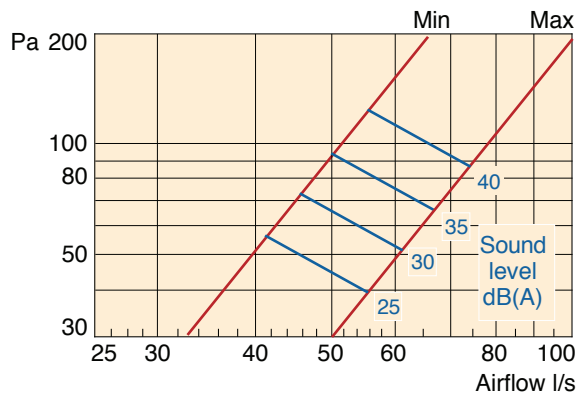
The graphs are not to be used for commissioning.
The throw are shown on pages 4 and 5.

LENGTH 600

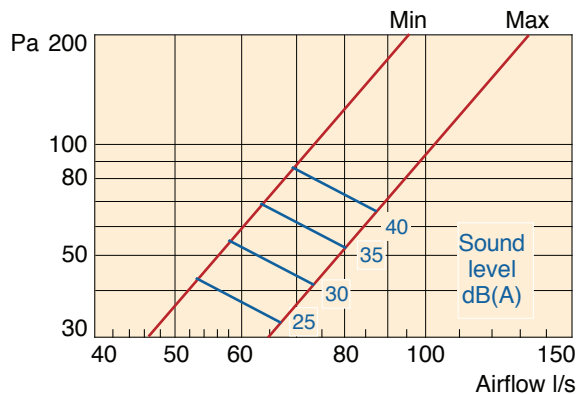
RAM-2-600



RAM-3-600



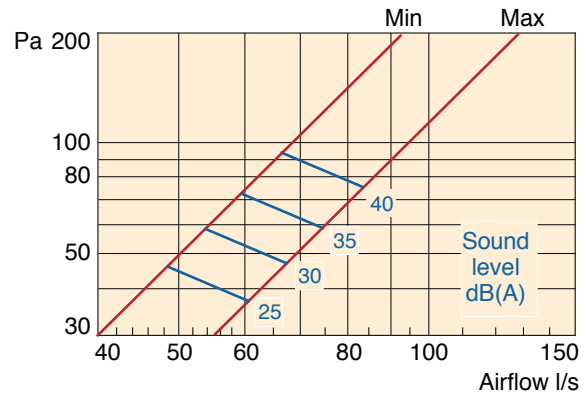
RAM-4-600



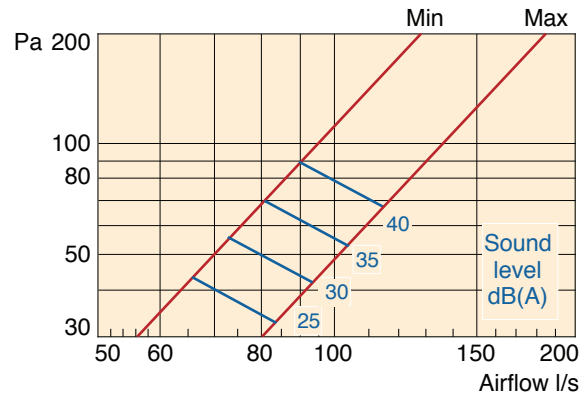
f, Hz	125	250	500	1 k	2 k	4 k
Kokt. dB	6	4	2	-1	-9	-17
Sound attenuation						
L, dB	9	10	14	15	15	16

LENGTH 900

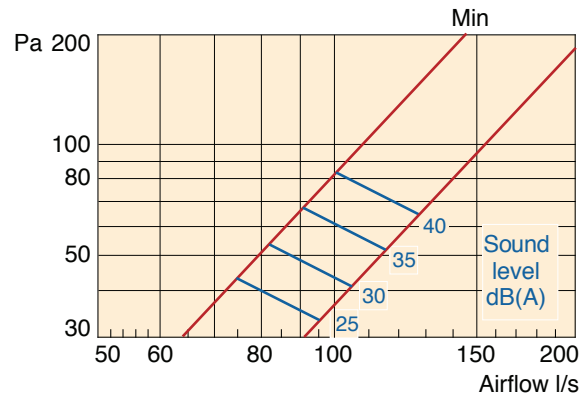
RAM-2-900



RAM-3-900



RAM-4-900



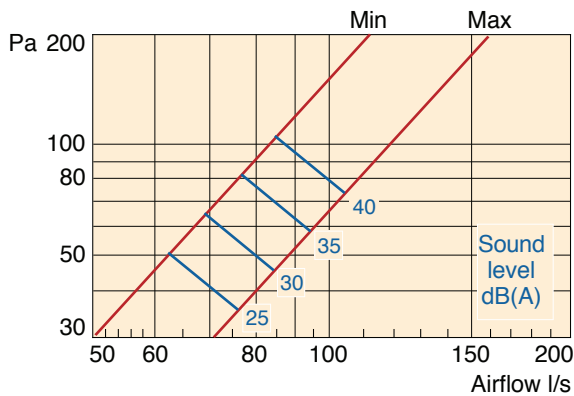
f, Hz	125	250	500	1 k	2 k	4 k
Kokt. dB	7	7	1	-3	-9	-16
Sound attenuation						
L, dB	10	9	11	15	14	13

Performance

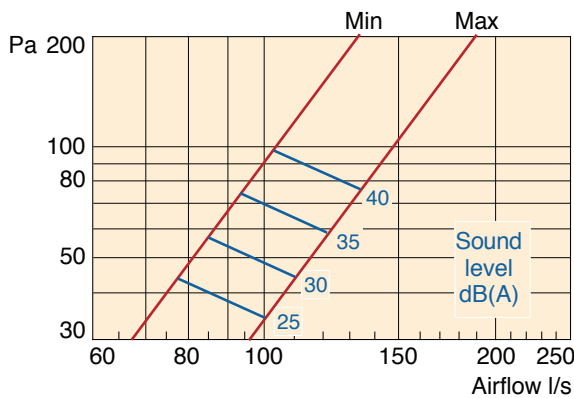
The graphs are not to be used for commissioning.
The throw are shown on pages 4 and 5.

LENGTH 1200

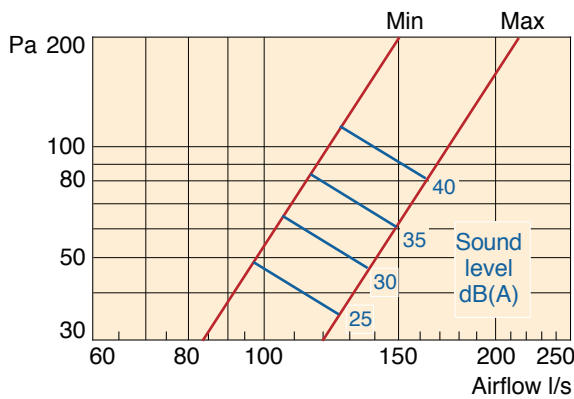
RAM-2-1200



RAM-3-1200



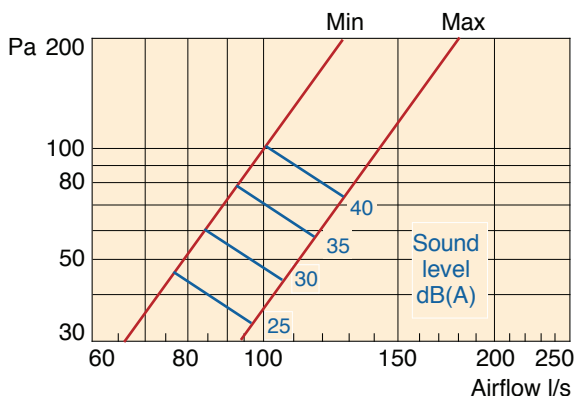
RAM-4-1200



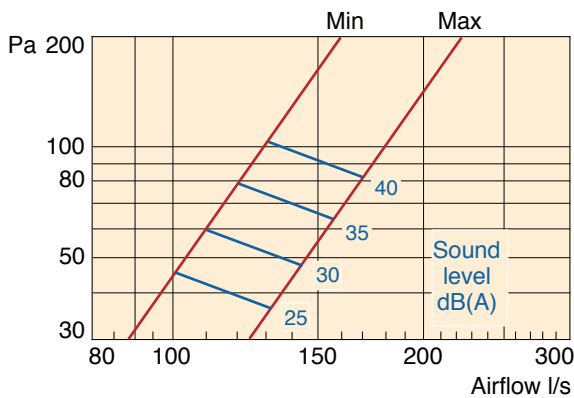
f, Hz	Sound power level					
	125	250	500	1 k	2 k	4 k
K _{okt} , dB	7	7	1	-5	-10	-14
Sound attenuation						
L, dB	8	9	10	14	12	12

LENGTH 1500

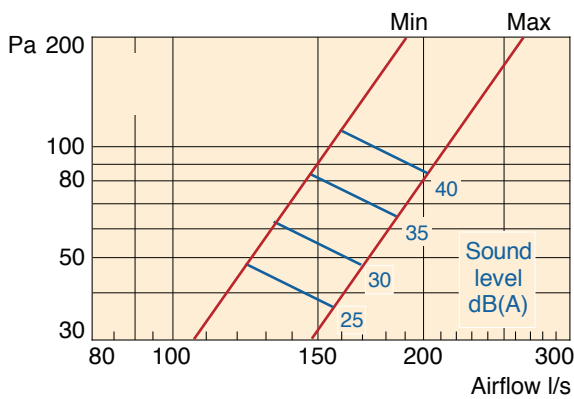
RAM-2-1500



RAM-3-1500



RAM-4-1500



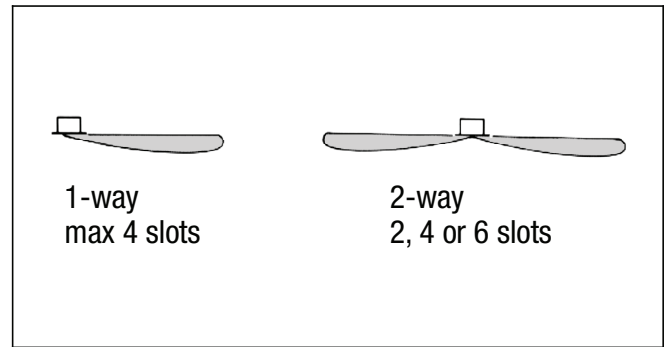
f, Hz	Sound power level					
	125	250	500	1 k	2 k	4 k
K _{okt} , dB	6	6	2	-6	-11	-14
Sound attenuation						
L, dB	8	7	10	11	10	11

SLOT AIR DIFFUSER RAM

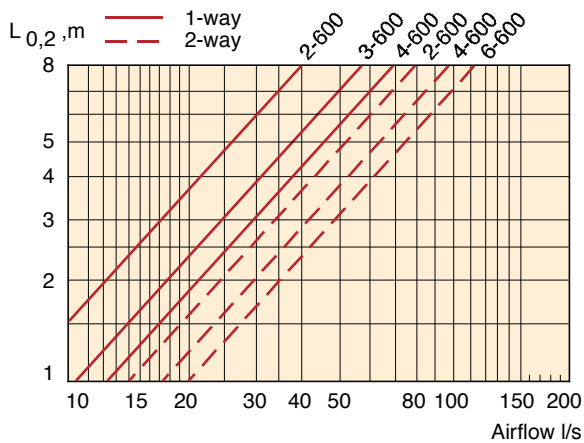
RAM consists of the plenum box RCD and slot diffuser RLD.

RLD throw

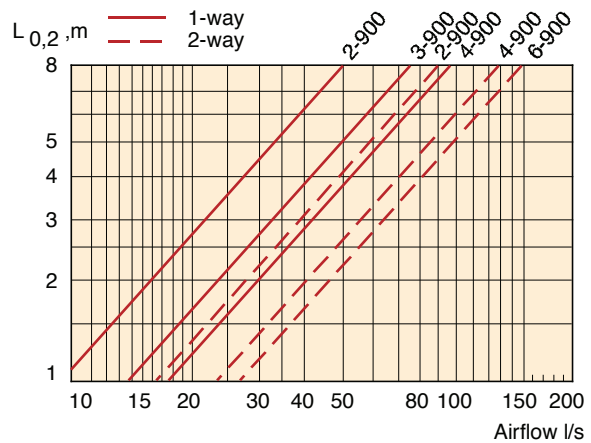
Horizontal throw
(isothermal supply air)



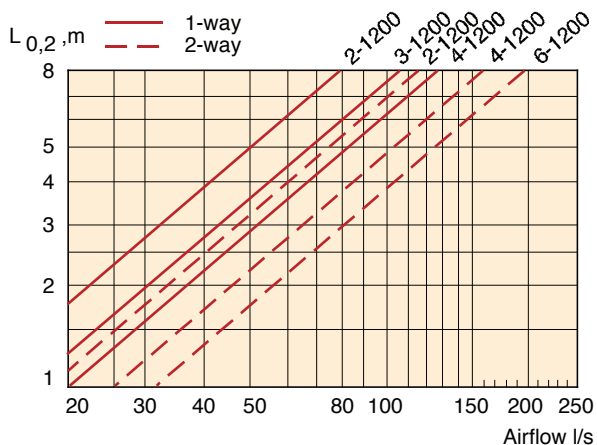
LENGTH 600



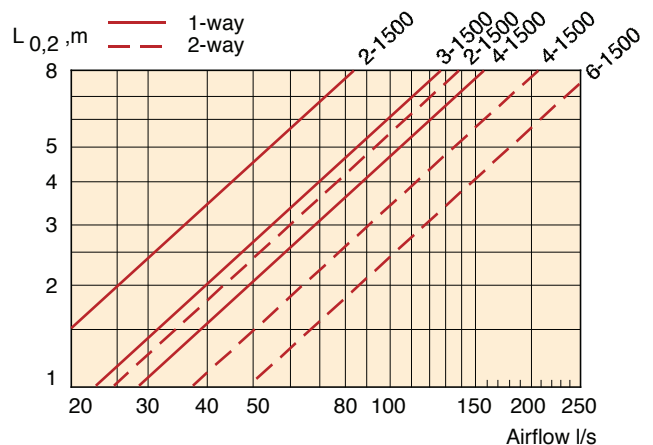
LENGTH 900



LENGTH 1200

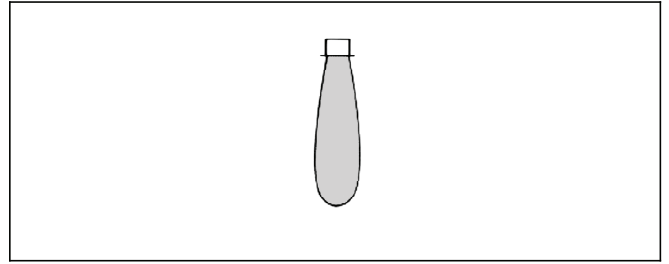


LENGTH 1500

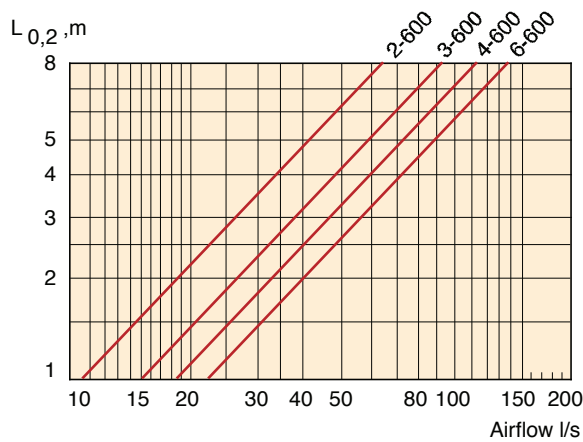


RLD throw

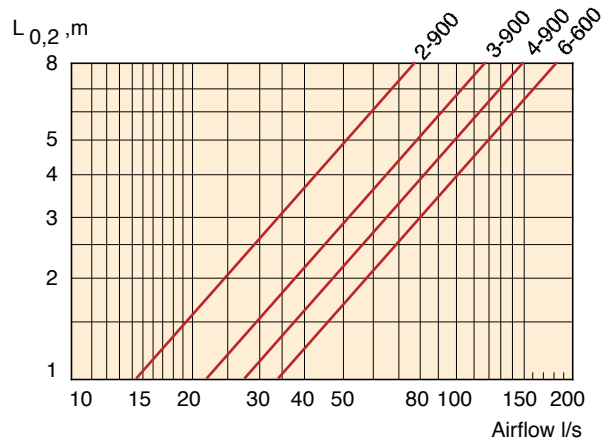
Vertical throw
(isothermal supply air)



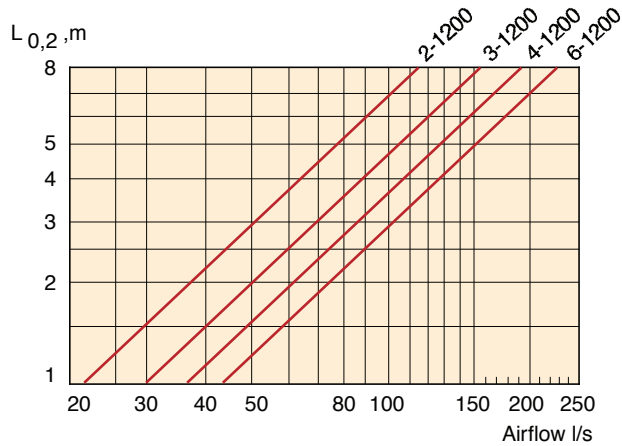
LENGTH 600



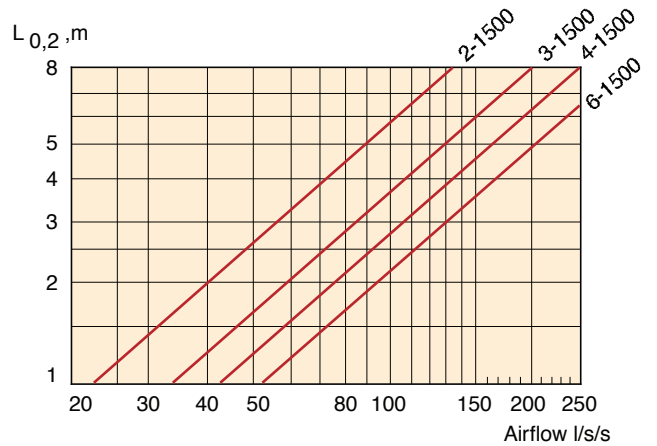
LENGTH 900



LENGTH 1200



LENGTH 1500



MULTIPLY FACTORS FOR HEATING AND COOLING, VERTICAL THROW

C°	± 0	± 5	± 10	± 15
Cooling	1,0	1,5	2,0	2,5
Heating	1,0	0,6	0,5	0,3