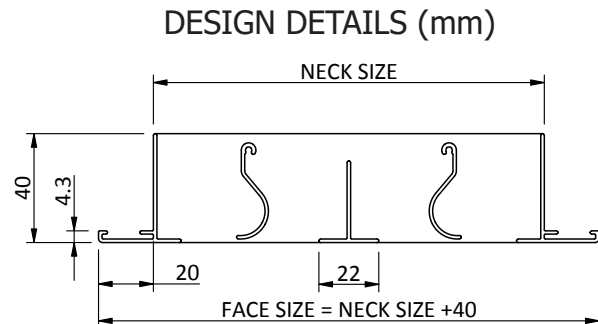
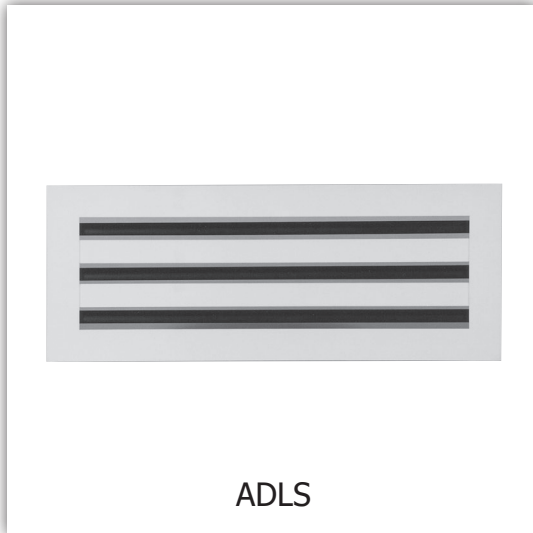


## LINEAR SLOT DIFFUSER Model ADLS



### Slot Widths

Type	Exact Neck (mm)
1 Slot	44
2 Slot	82
3 Slot	126
4 Slot	169
5 Slot	211
6 Slot	250
7 Slot	292
8 Slot	333
9 Slot	375
10 Slot	417
11 Slot	459
12 Slot	501

### APPLICATIONS

The contemporary Linear Slot diffuser is becoming increasingly popular in both commercial and domestic applications.

Their ability to handle large air volumes makes the diffusers suitable for any building requiring large air changes. Linear Slot Diffusers can be used in any indoors application requiring long continuous lengths of air supply, and are excellent for providing air curtains.

Normally installed in walls and ceilings, they are popular with architects due to their unobtrusive appearance.

### FEATURES

Aluminium lightweight construction, will not rust or corrode.

Adjustable throw pattern.

Aerodynamically designed to ensure maximum air flow at minimum noise level.

Standard finish powder coat satin white.

Long linears are supplied in sections with joining strips to appear continuous.



## LINEAR SLOT DIFFUSER Model ADLS

1 Slot				2 Slot				3 Slot			
L/s	Pa	t.50	t.25	L/s	Pa	t.50	t.25	L/s	Pa	t.50	t.25
110	17	1.9	4.5	190	13	3.2	6.0	270	12	2.9	5.9
178	46	3.6	6.2	310	35	4.3	7.1	433	30	4.7	7.7
234	79	4.3	6.9	411	61	5.1	7.9	570	52	5.6	8.6
285	117	4.8	7.4	500	90	5.8	8.6	691	77	6.1	9.1
330	157	5.1	7.7	580	121	6.2	9.0	800	103	6.5	9.5

4 Slot			
L/s	Pa	t.50	t.25
330	10	3.7	6.6
536	26	4.7	7.8
709	45	5.3	8.4
862	67	5.9	8.9
1000	90	6.3	9.5

### NOTE:

t.5 - Throw (m) to terminal velocity of 0.5m/s.

t.25 - Throw (m) to terminal velocity of 0.25m/s

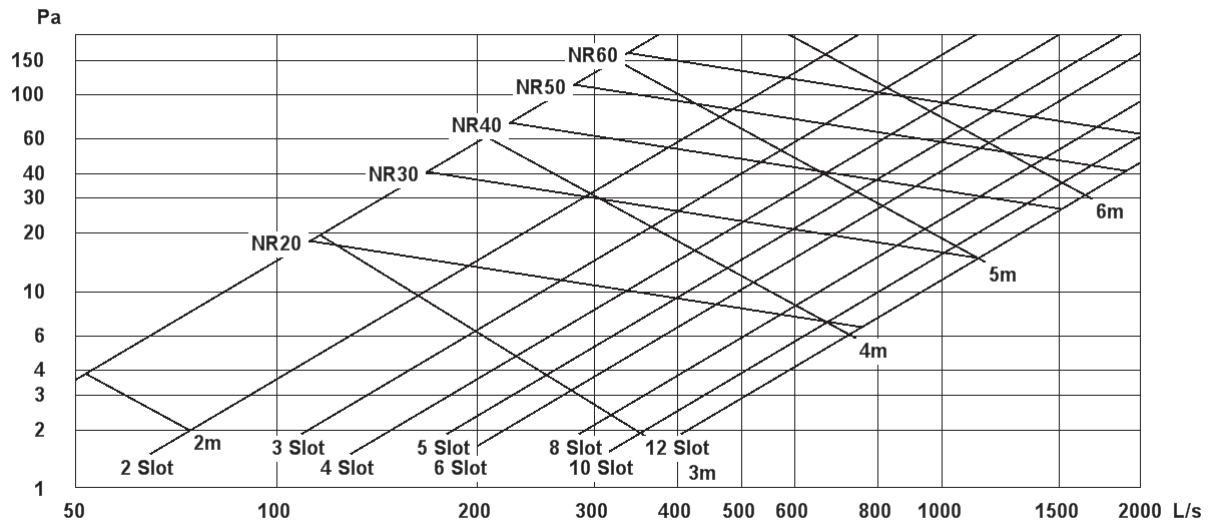
NR - Noise Rating calculated with assumed 10dB deducts for room absorption.

Pa - Static Pressure, Pascals.

Note: Diffusers tested isothermally, with horizontal projection.

## LINEAR SLOT DIFFUSER Model ADLS

### Linear Slot Diffuser



Throw (m) is to a terminal velocity of 0.5m/s.

Throw to a terminal velocity of 0.25m/s is approximately 40% of the above.

Note: Calculations and testing based on 1135 x 20mm Slot Diffuser

#### Legend

Pa      Pascals  
L/s      Litres per second  
NR      Noise Rating