

LINEAR SLOT DIFFUSER (LSD)



The Polyaire Linear Slot Diffusers are an attractive alternative to the ceiling or high sidewall supply diffusers.

Slot diffusers can be installed individually in set lengths or in a continuous line. They can also be installed in any type of ceiling application.

The modules are available with a 20mm or 25mm Slot with the number of slots ranging from 1 to 8 slots and are further available as fixed or removable core. (Fixed Core - Model LSD-FC, Removable Core – LSD-RC.

The air pattern control is adjustable from the diffuser face and is achieved by means of an adjustable pattern control with each slot, enabling a full 180° air pattern adjustment. The suggested volume control should be from the main duct run take-off, or from a butterfly damper fitted to the inlet of the cushion head box.

Construction is from extruded aluminium and the recommended maximum length for each section is 3 metres. Standard finish is powder coat white while other finishes are available to suit the interior and architectural design requirements.

Linear Slot Diffuser - Fixed Core

Sizes Available/Dimensions						
Item #	Slot	Slot Width mm	Nominal Neck Size		Face Size	
			mm	inch	mm	inch
245297	1	25mm	1200 × 35	47" × 1"	1242 × 86	49" × 3"
245298	2	25mm	1200 × 69	47" × 3"	1242 × 124	49" × 5"
245310	3	25mm	600 × 102	24" × 4"	642 × 162	25" × 6"
245299	3	25mm	1200 × 102	47" × 4"	1242 × 162	49" × 6"

Linear Slot Diffuser - Removable Core

Sizes Available/Dimensions						
Item #	Slot	Slot Width mm	Nominal Neck Size		Face Size	
			mm	inch	mm	inch
245304	2	20mm	547 × 81	22" × 3"	595 × 145	23" × 6"
245306	2	20mm	590 × 81	23" × 3"	638 × 145	25" × 6"
245307	2	20mm	890 × 81	35" × 3"	938 × 145	37" × 6"
245308	2	20mm	990 × 81	39" × 3"	1038 × 145	41" × 6"
245305	2	20mm	1147 × 81	45" × 3"	1195 × 145	47" × 6"
245309	2	20mm	1190 × 81	47" × 3"	1238 × 145	49" × 6"
245311	3	20mm	1147 × 114	45" × 5"	1195 × 185	47" × 7"