

EDU-LFS Long range nozzle diffusers with damper and connection for circular or flexible duct



Description

Long range aluminium diffusers, adjustable with a max. angle of 30°.

Use

Installation in rooms with very high ceilings or where a long air throw is needed.

Characteristics

Material: aluminium.
Finish: satin aluminium.
Installation: con wall flange.
Installation height between 3 m and 30 m depending on the model.

Dimensions

All dimensions are expressed in mm.

Technical Drawing	Models	Effective Cross-Section (m2)	Ø DN	Ø DN1	Ø A	Ø B	Ø C	Ø F	L1	E	P
	80	0,0050	160	80	158	206	249	226	170	100	50
	150	0,0177	300	150	298	346	389	366	262	172	50
	200	0,0314	400	200	398	446	489	466	335	225	50
	230	0,0415	400	230	398	446	489	466	325	215	50
	250	0,0490	400	250	398	446	489	466	320	207	50
	300	0,0710	400	300	398	446	489	466	298	184	50

Operating data

- V_k: effective speed (m/s).
- m³/h: flow rate.
- Pa: pressure drops in Pascal.
- L(m): air throw in metres calculated on ceiling installation, terminal velocity 0.25 m/s.
- dB(A): noise level.

Models	V _k (m/s)	2	4	6	8	10
80	m ³ /h	36	72	108	135	168
	L(m)	4,0	8,0	12,0	15,0	19,0
	Pa	2,0	10	22	36	57
	dB(A)	<20	<20	<20	22	29
150	m ³ /h	127	254	382	509	637
	L(m)	6,0	12,0	19,0	25,0	32,0
	Pa	2	8	19	34	55
	dB(A)	<20	<20	21	29	37
200	m ³ /h	226	452	678	904	1130
	L(m)	8,0	17,0	25,0	34,0	42,0
	Pa	2	8	19	34	55
	dB(A)	<20	<20	20	28	35
230	m ³ /h	298	597	896	1195	1494
	L(m)	9,0	20,0	29,0	39,0	45,0
	Pa	2	8	19	34	55
	dB(A)	<20	<20	21	28	35
250	m ³ /h	353	707	1060	1413	1766
	L(m)	10,0	21,0	31,0	42,0	48,0
	Pa	2	8	19	34	55
	dB(A)	<20	<20	24	31	36
300	m ³ /h	509	1017	1526	2035	2543
	L(m)	13,0	25,0	36,0	44,0	51,0
	Pa	2	8	19	34	55
	dB(A)	<20	<20	23	30	35

Price List

Models	EDU-LFS
	Eur
80	162,36
150	298,24
200	366,39
230	396,14
250	410,53
300	420,50