

EDUB Long range nozzle diffusers



Description

Aluminum long range nozzles, manually adjustable with a limited angle of 30°.

Characteristics

Material: aluminium.
Finish: painted RAL9016.
Installation: with duct flange, with flexible hose connection or with circular rigid duct connection.
Installation height between 3 m and 30 m depending on the model.

Use

Suitable for high ceilings environments or where a long and targeted air throw it's needed.

diimensions

All dimensions are expressed in mm.

Technical Drawing	Models	Ø D1	Ø D2	Ø D3	Ø D4	L	E	F
	50	99	49	150	61	67	22	0
	60	124	61	170	83	78	20	4
	80	160	76	201	94	97	23	0
	100	199	106	266	144	116	27	3
	125	248	128	311	176	145	30	8
	180	313	180	381	237	175	30	22
	200	349	196	411	272	204	30	29
	220	398	220	468	312	203	33	38
	280	449	275	522	368	220	41	28

Operating Data

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

Models	Effective Cross-Section (m ²)	V _k (m/s)	2	4	6	8	10	12
50	0,00188	m ³ /h	14	27	41	54	68	81
		L(m)	2,3	8,0	11,8	14,3	16,3	17,9
		Pa	2,8	10,0	23,0	40,0	64,0	90,0
		dB(A)	<20	<20	<20	<20	<20	22,0
60	0,00292	m ³ /h	21	42	63	84	105	126
		L(m)	4,2	10,7	14,6	17,3	19,4	21,2
		Pa	2,6	10,0	23,0	40,0	63,0	91
		dB(A)	<20	<20	<20	<20	<20	24
80	0,00453	m ³ /h	33	65	98	131	163	196
		L(m)	6,5	13,0	17,0	19,9	22,0	23,8
		Pa	2,7	10,0	23,0	41,0	63,0	91
		dB(A)	<20	<20	<20	<20	22,0	27
100	0,00882	m ³ /h	64	127	191	254	318	381
		L(m)	9,3	15,8	19,7	22,4	24,5	26,2
		Pa	2,6	10,0	23,0	40,0	63,0	91
		dB(A)	<20	<20	<20	22,0	27,0	32
125	0,01286	m ³ /h	93	185	278	370	463	556
		L(m)	10,6	16,9	20,6	23,2	25,3	26,9
		Pa	2,6	10,0	23,0	40,0	63,0	91
		dB(A)	<20	<20	<20	23,0	29,0	33
180	0,02543	m ³ /h	183	366	549	732	916	1099
		L(m)	13,0	19,0	22,6	25,0	27,0	28,7
		Pa	2,6	10,0	23,0	40,0	63,0	91
		dB(A)	<20	<20	<20	<20	26,0	31
200	0,03016	m ³ /h	217	434	651	869	1086	1303
		L(m)	13,8	20,0	23,5	26,0	28,0	29,7
		Pa	2,6	10,0	23,0	40,0	63,0	90
		dB(A)	<20	<20	<20	<20	26,0	32

220	0,03799	m³/h	274	547	821	1094	1368	1641
		L(m)	15,5	21,9	25,6	28,3	30,4	32
		Pa	2,6	10,0	23,0	40,0	63,0	90
		dB(A)	<20	<20	20,0	29,0	36,0	41
280	0,05937	m³/h	427	855	1282	1710	2137	2565
		L(m)	23,9	32,6	37,8	41,4	44,2	46,5
		Pa	2,6	10,0	23,0	40,0	63,0	90
		dB(A)	<20	<20	<20	25,0	33,0	40

Price list

Models	Eur
50	44,24
60	58,78
80	78,44
100	98,59
125	121,06
180	169,79
200	196,32
220	221,69
280	273,51