

EDRFQ Fixed geometry diffusers



Description

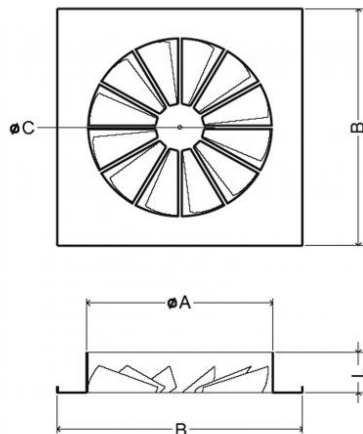
High induction swirl diffusers with fixed blades on square panel.

Characteristics

Material: steel sheet.

Finish: painted white RAL 9010.

Installation: standard, side fixing holes on the diffuser neck



Use

Installation height between 2.5 and 4 m.

Models

da tradurre

Accessories

da tradurre

Notes

Sharp edge output cone.

Operating data

Vk: 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

model	effective section	Vk	2	3	4	5	6	7	8	9	10
	m²										
125		m³/h	66	98	131	164	197	229	262	295	328
		Pa (with equalizer)	28	60	103	158	224	300	387	485	592
		Pa (without equalizer)	7	16	27	41	58	78	101	126	154
		L(m)	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1
160		m³/h	105	158	211	264	316	369	422	475	527
		Pa (with equalizer)	22	47	81	123	175	234	302	378	462
		Pa (without equalizer)	8	16	28	43	61	82	106	132	162
		L(m)	0,3	0,5	0,6	0,8	0,9	1,1	1,3	1,4	1,5
200		m³/h	162	243	324	405	486	567	648	728	809
		Pa (with equalizer)	17	37	64	98	139	187	241	301	368
		Pa (without equalizer)	7	15	26	40	57	77	99	124	151
		L(m)	0,4	0,6	0,8	1	1,2	1,4	1,6	1,8	2
250		m³/h	248	372	497	621	745	869	993	1117	1241
		Pa (with equalizer)	14	30	51	78	111	148	191	240	293
		Pa (without equalizer)	7	15	26	40	56	76	98	122	149
		L(m)	0,4	0,7	0,9	1,1	1,3	1,6	1,8	2	2,2
315		m³/h	386	579	773	966	1159	1352	1545	1738	1931
		Pa (with equalizer)	11	23	40	62	87	117	151	189	231
		Pa (without equalizer)	7	14	25	38	53	71	92	115	141
		L(m)	0,6	0,9	1,3	1,6	1,9	2,2	2,5	2,8	3,1
400		m³/h	610	914	1219	1524	1829	2134	2438	2743	3048
		Pa (with equalizer)	8	18	31	48	68	91	118	147	180
		Pa (without equalizer)	7	15	26	39	56	75	97	121	148
		L(m)	0,8	1,2	1,7	2,1	2,5	2,9	3,3	3,8	4,2
noise level		dB(A)									

Dimensions

Dimensions are expressed in mm

model	diameter A	side B	diameter C	L
125	122	171	28	55
160	157	214	50	55
200	197	264	50	55
250	247	326	65	55
315	312	404	87	55
400	397	500	87	55

Price list

model	diffuser EDRF	EDRFQ on 595x595 pannel	equalizer connection	plenum box	insulated plenum box	plenum damper
	euro	euro	euro	euro	euro	euro
125	✓	✓	✓	✓	✓	✓
160	✓	✓	✓	✓	✓	✓
200	✓	✓	✓	✓	✓	✓
250	✓	✓	✓	✓	✓	✓
315	✓	✓	✓	✓	✓	✓
400	✓	✓	✓	✓	✓	✓