

EDEA-SD Circular diffusers with fixed cones and damper



Description

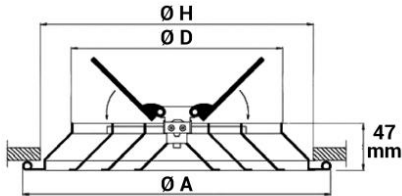
Circular diffusers with aluminium fixed cones complete with butterfly adjustment damper.

Characteristics

The diffuser is made of aluminium and painted white RAL 9016, while the adjustment damper is made of black plastic.

It can be installed on false ceilings using the fixing bracket supplied with the diffuser.

Should it be necessary to connect the diffuser to a flexible duct, there is no need to install the fixing bracket, but the EDEA-RF collar (sold separately) should be installed instead.



Use

The EDEA-SD circular diffuser with fixed cones is suitable for air conditioning, heating and ventilation applications, for both supply and exhaust. The diffuser is equipped with a sealing gasket on the rear side.

The installation height is normally between 2.5 m and 4.5 m.

Dimensions

All dimensions are expressed in mm

Model	ØA	ØD	ØH hole
150	257	149	225
200	307	199	275
250	357	249	325
300	407	299	375

Operating data

Vk: 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

model	effective cross-section		V _k m/s			
	m²		2	3	4	5
150	0,0135	m³/h	98	145	194	245
		L(m)	1,1	1,6	2	2,5
		Pa	3	6	9	13
200	0,0285	m³/h	205	308	410	513
		L(m)	1,8	2,6	3,3	4
		Pa	5	8	13	18
250	0,0435	m³/h	313	470	626	783
		L(m)	2,1	3	4	4,8
		Pa	6	11	17	24
300	0,0585	m³/h	421	630	840	1053
		L(m)	2	2,9	3,7	4,5
		Pa	7	13	20	29
noise level		dB(A)	15-20	20-25	25-30	35-40

Price list

Item normally available from stock	
Model	diffuser with damper EDEA-SD
	euro
150	✓
200	✓
250	✓
300	✓