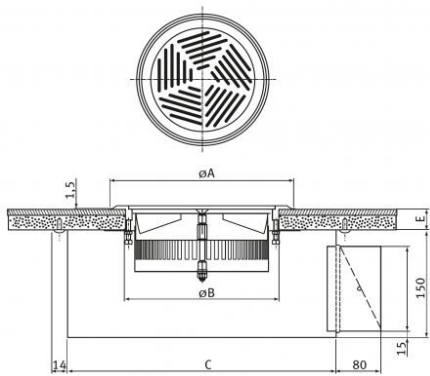


Description

High induction floor circular diffuser, solid and inspectable for cleaning.
The diffuser comes complete with tray.



Characteristics

Material: natural anodised aluminium.

Use

Cinemas, theatres and wherever it is necessary to supply air from the ground.

Accessories

EPI-EDFDS insulated plenum with damper

Dimensions

all dimensions are expressed in mm

model	Ø A (mm)	Ø B (mm)	C (mm)	E (min.)	E (max)
150	190	150	250 x 250	14	32
200	240	200	300 x 300	14	32

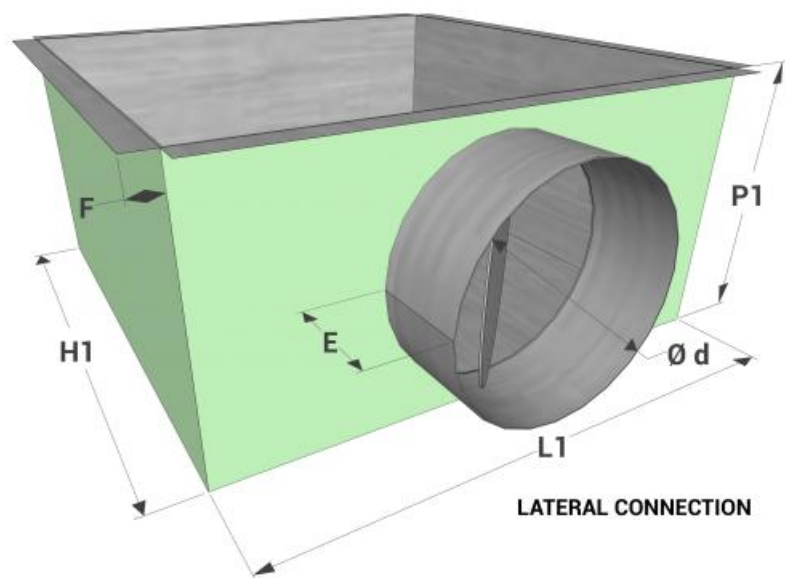
Operating data

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 m ²	Vk m/s	1,7	2	2,2	2,5	2,8	3,4	3,9	4,8	5,6
EDFDS 150	0,00495	m ³ /h	30	35	40	45	50	60	70	85	100
		Pa	6	8	11	13	17	24	33	48	67
		dB(A)	<20	22	25	28	31	35	39	43	47
		L(m) with ΔT	-4°C	0,8	0,9	1,1	1,2	1,3	1,6	1,9	2,3
			-6°C	0,7	0,8	0,9	1,0	1,2	1,4	1,6	2,0
			-8°C	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,7

model	effective cross-section m ²	Vk m/s	1,5	1,8	2,1	2,5	2,9	3,4	3,8	4,4	5
EDFDS 200	0,00945	m ³ /h	50	60	70	85	100	115	130	150	170
		Pa	3	5	7	10	14	18	23	31	40
		dB(A)	<20	20	24	29	33	36	39	43	46
		L(m) with ΔT	-4°C	0,7	0,8	0,9	1,1	1,3	1,5	1,7	2,0
			-6°C	0,6	0,7	0,8	1,0	1,2	1,3	1,5	1,7
			-8°C	0,5	0,6	0,7	0,9	1,0	1,2	1,3	1,5

Plenum



All dimensions are expressed in mm.

model	Dimensions L1 x H1	Ø d	P1	E	F
EDFDS 150	250x250	98	150	100	14
EDFDS 200	350x350	123	150	100	14

Price list

model	diffuser EDFDS	isolated plenum EPI-EDFDS
	euro	euro
150	▼	▼
200	▼	▼