

## Description

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

## Characteristics

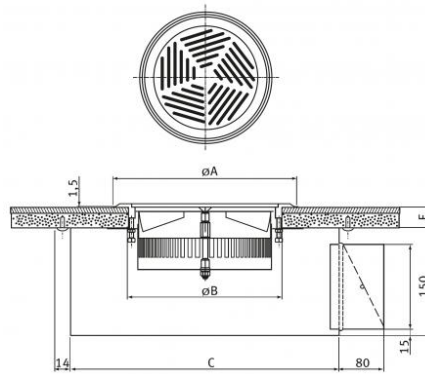
Material: natural anodised aluminium.

## 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)

m<sup>3</sup>/h: flow rate

Pa: pressure drops in Pascal

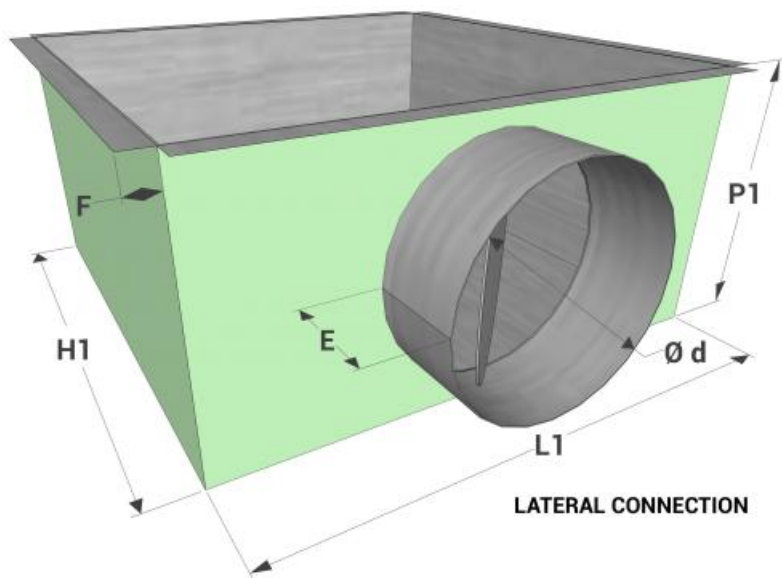
L(m): air throw in metres calculated on ceiling installation, terminal velocity 0.25 m/s

dB(A): noise level

model	effective cross-section m <sup>2</sup>	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 <sup>3</sup> /h	30	35	40	45	50	60	70
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	2,7
	-6°C	0,7			0,8	0,9	1,0	1,2	1,4	1,6	2,0	2,3
-8°C	0,6	0,7	0,8	0,9	1,0	1,2	1,4	1,7	2,0			

model	effective cross-section m <sup>2</sup>	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 <sup>3</sup> /h	50	60	70	85	100	115	130
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	2,3
	-6°C	0,6			0,7	0,8	1,0	1,2	1,3	1,5	1,7	2,0
-8°C	0,5	0,6	0,7	0,9	1,0	1,2	1,3	1,5	1,7			

## 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

Item normally available from stock				
model	diffuser EDFDS		isolated plenum EPI-EDFDS	
	euro		euro	
150	66,66 ✓		96,99 ✓	
200	69,11 ✓		96,99 ✓	