

EDCC Circular diffusers with closed plate



Description

Circular diffusers for ceiling installation with closed front plate.

Characteristics

Material: steel.

Finish: painted white RAL 9010.

Installation: by means of non-visible screws.

Use

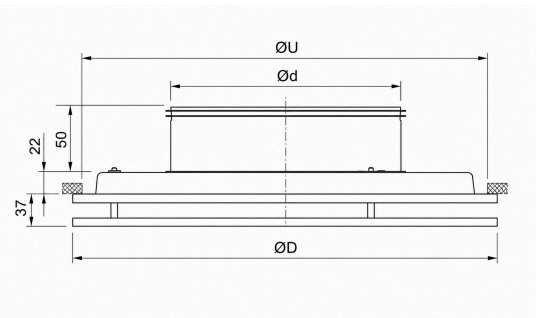
Thanks to its special construction, it is a very versatile diffuser. Recommended for both supply and exhaust air. It can be supplied with various accessories that guarantee optimal diffuser operation.

Accessories

- EPZ-DC galvanised plenum;
- EPI-DC insulated plenum;
- EDZ regulation damper;
- EDDAZ directional deflectors;
- EDDDZ mounting brackets;
- EDLM-C plate for false ceilings to install the diffuser on a modular false ceiling 600mm x 600mm.

Dimensions

all dimensions are expressed in mm

Technical Drawing	Models	Ød	ØD	ØU (Hole Size)	Effective Section	Weight
		mm	mm	mm	m²	Kg
	125	125	240	200	0,011	0,8
	160	160	300	260	0,016	1,2
	200	200	360	320	0,023	1,7
	250	250	460	420	0,030	2,2
	315	315	540	500	0,037	3,2
	400	400	540	500	0,037	3,4

Operating data

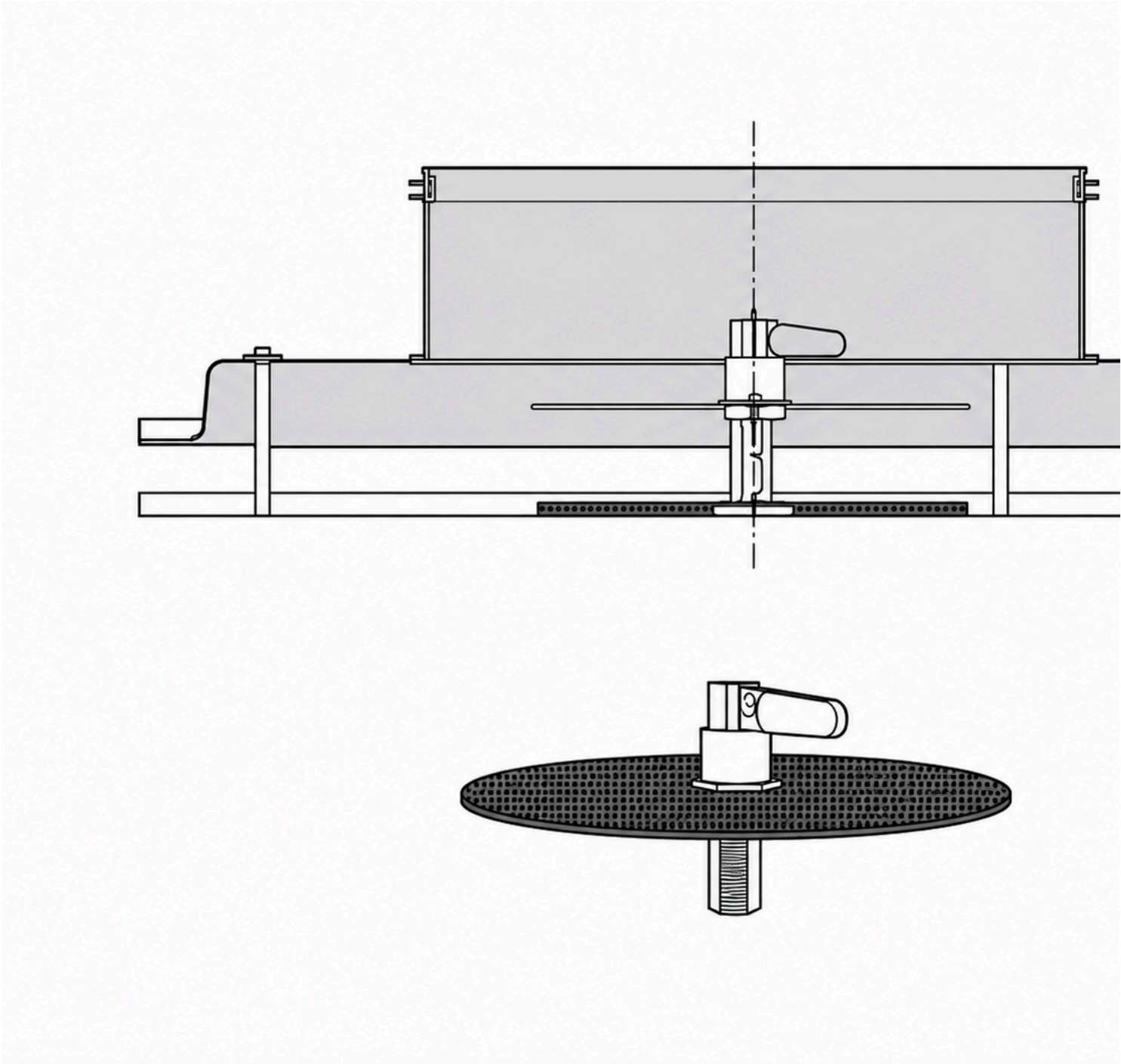
- V_k : effective speed (m/s).
- m^3/h : flow rate.
- Pa: pressure drops in Pascal.
- L(m): air throw in metres calculated on ceiling installation, terminal velocity 0.20 m/s.
- dB(A): noise level.

Models	V_k	2,5	3	3,5	4	5	6	7
125	m^3/h	99	119	139	158	198	238	277
	L(m)	1,8	2,3	2,5	2,8	3,4	4,1	4,6
	Pa	6	7	11	13	21	32	36
	dB(A)	<20	22	27	30	36	42	43
160	m^3/h	144	173	202	230	288	346	403
	L(m)	2	2,6	2,8	3,3	4	4,7	5,5
	Pa	4	5	9	11	17	27	33
	dB(A)	<20	<20	<20	22	27	35	41
200	m^3/h	207	248	290	331	414	497	580
	L(m)	2,3	2,8	3,3	3,7	4,4	5,3	6,1
	Pa	5	8	12	16	25	33	49
	dB(A)	<20	<20	23	27	33	39	47
250	m^3/h	270	324	378	432	540	648	756
	L(m)	2,4	2,7	3,4	3,8	4,5	5,4	6,3
	Pa	5	8	10	13	21	30	47
	dB(A)	<20	22	26	29	37	42	48
315	m^3/h	333	400	466	533	666	799	932
	L(m)	2,4	2,8	3,3	3,8	4,8	5,5	6,3
	Pa	5	9	13	17	25	35	47
	dB(A)	<20	<20	22	27	34	40	45
400	m^3/h	333	400	466	533	666	799	932
	L(m)	2,1	2,4	2,7	3,1	3,9	4,5	5,3
	Pa	5	7	10	13	19	28	38
	dB(A)	<20	<20	<20	<20	25	32	37

EPZ-DC - EPI-DC - Plenum Box

All measurements are expressed in mm.

Technical Drawing	Models	L	H	P	Ø A2 Diffuser	Ø B2 Duct	Flexible or Rigid	Ø2
	125	200	200	200	127	125	70	100
	160	250	250	250	162	155	70	100
	200	300	300	300	202	195	70	100
	250	350	350	350	252	245	70	100
	315	400	400	400	317	310	70	100
	400	500	500	500	402	395	70	100



Price List

Models	Diffuser	EDZ - Regulation Damper	EDDAZ - Deflectors	EDDDZ - Mounting Brackets	EDLM-Q - Plate for false ceiling	EPZ-DC - Galvanised Plenum Box	EPI-DC - Insulated Plenum Box
	Eur	Eur	Eur	Eur	Eur	Eur	Eur
125	192,55	47,15	43,88	52,46	195,22	59,03	87,29
160	189,98	63,75	45,98	52,46	195,22	65,67	88,68
200	232,35	67,74	54,75	52,46	195,22	74,73	100,47
250	301,66	75,71	60,09	54,94	195,22	99,39	128,93
315	327,33	87,00	85,84	54,94	195,22	111,86	145,19
400	347,87	98,29	87,76	54,94	195,22	148,15	190,67