

EDCF Circular diffusers with perforated front plate



Description

Circular diffusers for ceiling installation with perforated front plate.

Characteristics

- Material: steel.
- Finish: painted white RAL 9010.
- Installation: by means of non-visible screws.

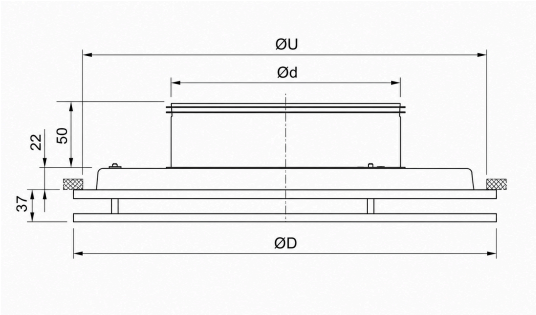
Use

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

Technical Drawing	Model	Ø d	Ø D	ØU (Hole Size)	Effective Section	Weight
		mm	mm	mm	m²	Kg
	125	125	240	200	0,018	0,8
	160	160	300	260	0,023	1,2
	200	200	360	320	0,03	1,7
	250	250	460	420	0,042	2,2
	315	315	540	500	0,058	3,2
	400	400	540	500	0,066	3,4

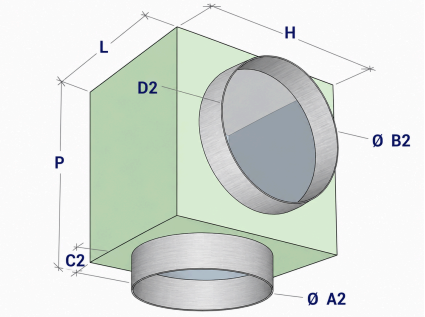
Operating Data

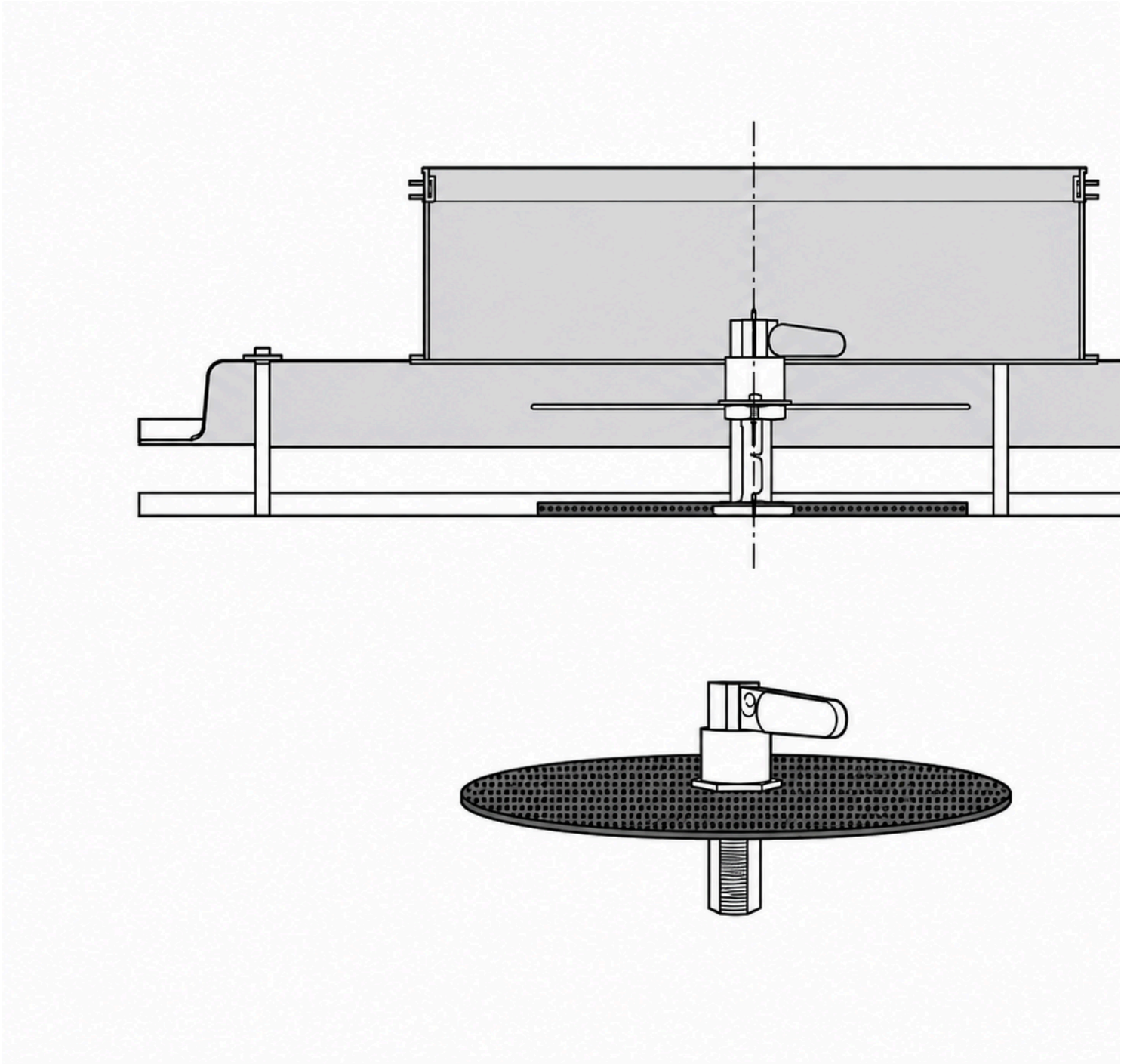
- V_k : effective speed (m/s).
- m^3/h : flow rate.
- Pa: pressure drops in Pascal.
- L(m): air throw in metres calculated on ceiling installation, terminal velocity 0.20 m/s.
- dB(A): noise level.

Model	V_k	2,5	3	3,5	4	5
125	m^3/h	162	194	227	259	324
	L(m)	1,6	1,8	2,1	2,4	2,9
	Pa	11	15	21	29	45
	dB(A)	32	35	40	43	50
160	m^3/h	207	248	290	331	414
	L(m)	1,7	2,1	2,4	2,7	3,4
	Pa	8	13	16	21	32
	dB(A)	25	32	35	38	45
200	m^3/h	270	324	378	432	540
	L(m)	2,1	2,4	2,8	3,3	3,9
	Pa	6	9	13	17	26
	dB(A)	<20	20	27	32	40
250	m^3/h	378	454	529	605	756
	L(m)	2,4	2,9	3,3	3,7	5
	Pa	6	9	12	16	23
	dB(A)	<20	<20	25	32	38
315	m^3/h	522	626	731	835	1044
	L(m)	3	3,5	4	4,6	5,7
	Pa	6	8	11	14	21
	dB(A)	<20	<20	22	28	38
400	m^3/h	594	713	832	950	1188
	L(m)	2.9	3.5	4	4.5	5.4
	Pa	4	5	8	9	13
	dB(A)	<20	<20	<20	21	26

EPZ-DC - EPI-DC - Plenum Box

All measurements are expressed in mm.

Technical Drawing	Model	L	H	P	Ø A2 Diffuser	Ø B2 Duct	Flexible or Rigid
	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

Model	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
	€	€	€	€	€	€	€
125	204,10	47,15	43,88	52,46	195,22	59,03	87,29
160	214,38	63,75	45,98	52,46	195,22	65,67	88,68
200	255,44	67,74	54,75	52,46	195,22	74,73	100,47
250	349,16	75,71	60,09	54,94	195,22	99,39	128,93
315	382,53	87,00	85,84	54,94	195,22	111,86	145,19
400	410,77	98,29	87,76	54,94	195,22	148,15	190,67