

EDQF1 Square diffusers with perforated front plate



Description

Square 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-Q 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	Ø d	AxA	UxU (Hole Size)	Effective Section	Weight
		mm	mm	mm	m²	Kg
	125	125	235	200	0,018	0,9
	160	160	295	260	0,023	1,4
	200	200	395	360	0,03	2,2
	250	250	495	460	0,043	3,0
	315	315	595	560	0,057	4,3
	400	400	595	560	0,075	4,4

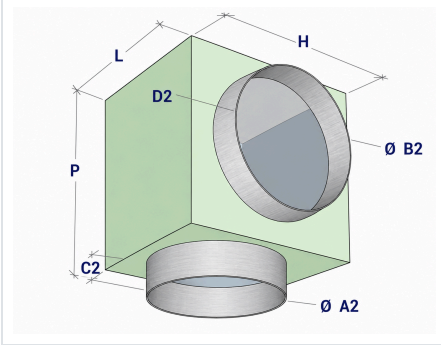
Operating Data

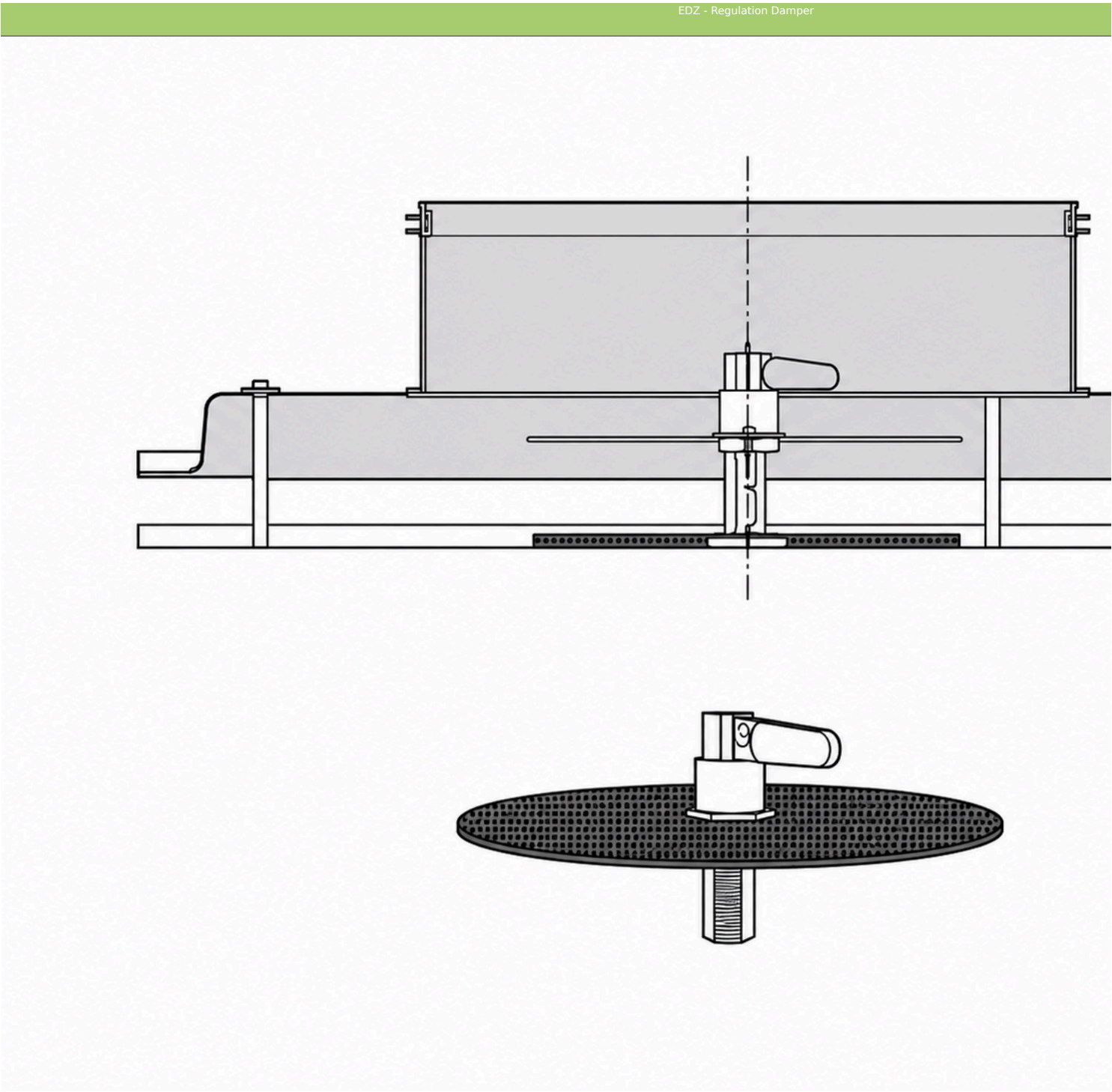
- V_k : effective speed (m/s).
- m^3/h : flow rate.
- Pa: pressure drops in Pascal.
- L(m): air throw in metres calculated on ceiling installation, terminal velocity 0.20 m/s.
- dB(A): noise level.

Models	V_k	2,5	3	3,5	4	5
125	m^3/h	162	194	227	259	324
	L(m)	1,6	1,9	2,2	2,4	3,0
	Pa	10	14	19	25	38
	dB(A)	30	35	40	47	50
160	m^3/h	207	248	290	331	414
	L(m)	1,8	2,1	2,4	2,7	3,3
	Pa	8	11	15	19	30
	dB(A)	<20	23	28	35	42
200	m^3/h	270	324	378	432	540
	L(m)	2,0	2,4	2,8	3,1	3,8
	Pa	9	9	13	17	26
	dB(A)	<20	22	27	33	43
250	m^3/h	387	464	542	619	774
	L(m)	2,5	3,0	3,4	3,9	4,8
	Pa	7	10	14	18	27
	dB(A)	<20	25	32	35	43
315	m^3/h	513	616	718	821	1026
	L(m)	2,9	3,5	4,0	4,5	5,5
	Pa	6	9	12	16	24
	dB(A)	<20	22	27	33	42
400	m^3/h	675	810	945	1080	1350
	L(m)	3,4	4,0	4,6	5,2	6,3
	Pa	5	7	10	13	21
	dB(A)	<20	<20	26	31	40

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	Ø1
	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	205,39	47,15	43,88	65,81	195,22	59,03	87,29
160	220,79	63,75	45,98	65,81	195,22	65,67	88,68
200	283,69	67,74	54,75	65,81	195,22	74,73	100,47
250	336,32	75,71	60,09	65,81	195,22	99,39	128,93
315	442,86	87,00	85,84	65,81	-	111,86	145,19
400	462,11	98,29	87,76	65,81	-	148,15	190,67

