

EDQC1 Square diffuser with closed plate



Description

Square 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;
- EDDZ 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	0,011	1,0
	160	160	295	260	0,016	1,5
	200	200	395	360	0,022	2,4
	250	250	495	460	0,033	3,2
	315	315	595	560	0,041	4,4
	400	400	595	560	0,042	4,6

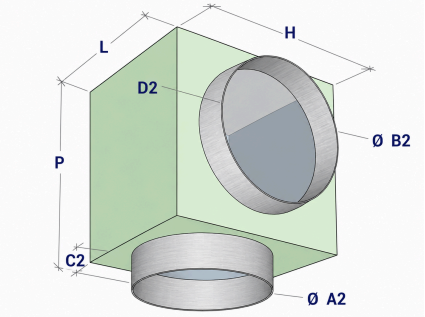
Operating Data

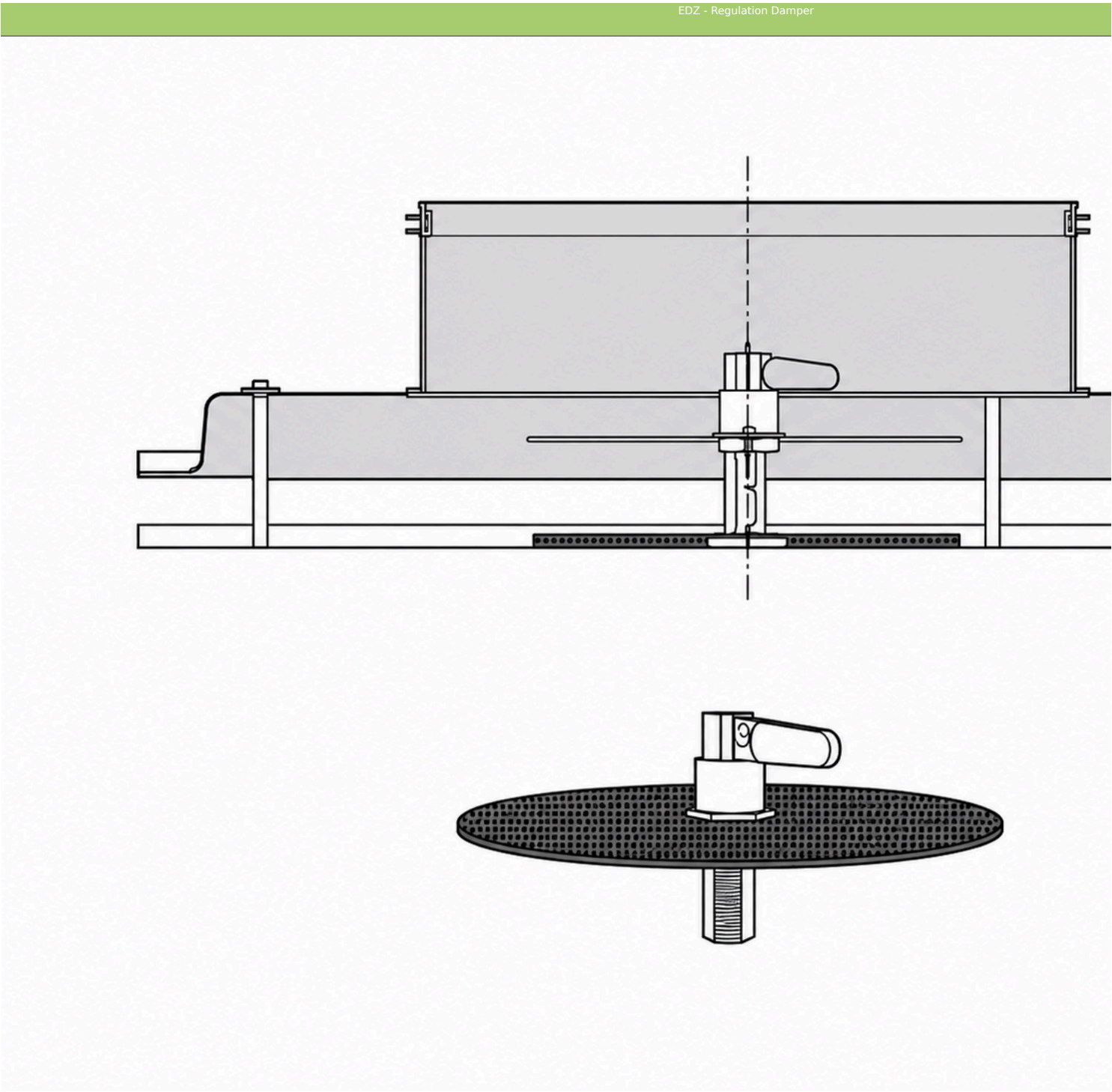
- V_k : effective speed (m/s).
- m^3/h : flow rate.
- Pa: pressure drops in Pascal.
- L(m): air throw in metres calculated on ceiling installation, terminal velocity 0.20 m/s.
- dB(A): noise level.

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)	1,9	2,3	2,6	2,8	3,5	4,2	4,7
	Pa	5	7	10	13	20	28	34
	dB(A)	<20	22	26	28	35	40	47
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	5	6	9	13	17	25	34
	dB(A)	<20	<20	<20	23	27	35	42
200	m^3/h	198	238	277	317	396	475	554
	L(m)	2,34	2,7	3,1	3,6	4,3	5	5,8
	Pa	5	6	9	13	17	25	34
	dB(A)	<20	<20	25	27	34	40	45
250	m^3/h	297	356	416	475	594	713	832
	L(m)	2,6	3,3	3,7	4,2	5	6	7
	Pa	5	6	9	13	18	27	34
	dB(A)	<20	22	26	30	36	42	47
315	m^3/h	369	443	517	590	738	886	1033
	L(m)	2,8	3,2	3,6	4	5,1	5,9	7
	Pa	5	7	10	13	19	29	37
	dB(A)	<20	20	25	23	35	41	45
400	m^3/h	378	454	529	605	756	907	1058
	L(m)	2,3	2,8	3,3	3,6	4,3	5,2	6
	Pa	5	6	9	12	17	25	31
	dB(A)	<20	<20	19	23	30	36	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	Weight
	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	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
125	187,70	47,15	65,81	195,22	59,03	87,29
160	216,99	63,75	65,81	195,22	65,67	88,68
200	274,23	67,74	65,81	195,22	74,73	100,47
250	326,14	75,71	65,81	195,22	99,39	128,93
315	398,03	87,00	65,81	-	111,86	145,19
400	419,33	98,29	65,81	-	148,15	190,67

