idealair
group

MELUS

opposed blade damper

OB

1 YR
WARRANTY

OPPOSED BLADE DAMPER

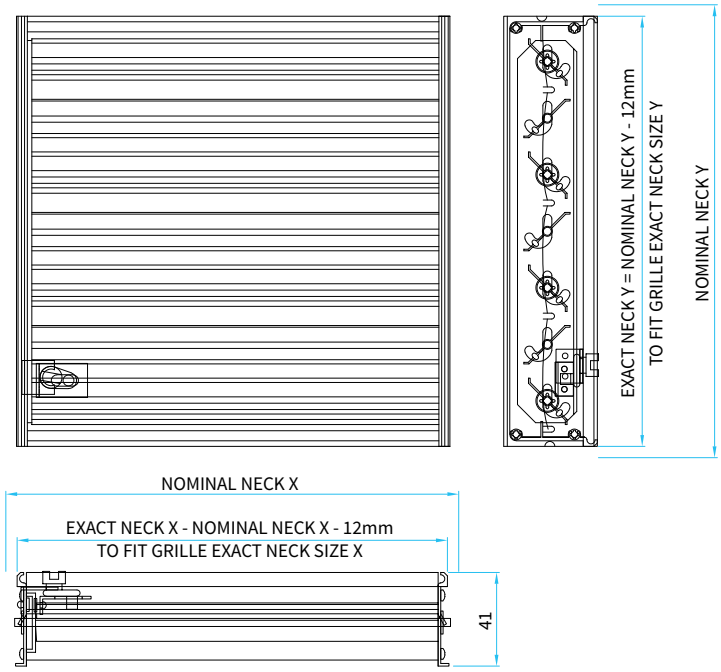
Overview

The Opposed Blade Damper has been designed to quickly and securely "snap" onto most of the standard range of idealair group grilles. The damper is easily adjusted by using a screw driver through the face of the grille. It is manufactured from aluminium with a tough black anodised finish.

Front view

Side view

Top perspective



OB - OPPOSED BLADE DAMPER

Technical Data

Size (Nom.)										
X Dim.	Y Dim.	Nominal Area (m²)	Pressure Drop (Pa)	3	5	10	20	30	40	50
200	200	0.04	Flow Rate (l/s)	110	135	190	260	310	360	400
			Noise NR	<20	22	32	42	47	51	54
250	200	0.05	Flow Rate (l/s)	150	200	275	385	460	515	590
			Noise NR	<20	22	31	40	46	50	51
300	200	0.06	Flow Rate (l/s)	215	270	370	510	610	700	780
			Noise NR	<20	23	32	42	47	51	54
300	250	0.075	Flow Rate (l/s)	290	365	505	640	820	960	1050
			Noise NR	<20	24	34	44	50	54	57
350	300	0.105	Flow Rate (l/s)	360	455	615	840	1050	1170	1250
			Noise NR	20	26	35	44	48	52	55
400	300	0.12	Flow Rate (l/s)	415	525	720	980	1150	1300	1450
			Noise NR	21	27	36	44	50	53	56
400	350	0.14	Flow Rate (l/s)	525	665	915	1240	1500	1680	1850
			Noise NR	22	28	37	45	51	54	56
400	400	0.16	Flow Rate (l/s)	655	825	1075	1500	1850	2060	2250
			Noise NR	23	31	38	47	52	56	58
450	450	0.2025	Flow Rate (l/s)	1075	1275	1875	2750	3250	4000	4900
			Noise NR	29	35	44	52	58	61	64
600	450	0.27	Flow Rate (l/s)	1250	1350	2200	3150	3750	4250	4600
			Noise NR	24	29	43	53	60	64	68
600	600	0.36	Flow Rate (l/s)	1850	2250	3150	4350	5200	5900	6600
			Noise NR	32	37	46	54	59	62	64

Dimensions in millimetres.
This data to be used for quick selection only, not to be used for commissioning.

idealair group reserves the right to make changes to product without prior notice.

OPPOSED BLADE DAMPER

Order Details

Example - To order a 450 long x 350 wide opposed blade damper with black anodised finish.

CODE = OB-450-350

Note: Contact your sales branch or sales representative if your desired product cannot be ordered by using the above ordering criteria.

OB-____-____

OB WIDTH – NOMINAL
Y NOMINAL DIMENSION
Stated in millimetres

OB LENGTH – NOMINAL
X NOMINAL DIMENSION
Stated in millimetres

MODEL
OB = Opposed Blade Damper

idealair group reserves the right to make changes to product without prior notice.