

AIRFOIL



GRILLES
DUCT
FITTINGS

making it happen sooner...



OPPOSED BLADE DAMPER (OBD)

Airfoil's Opposed Blade Damper (OBD) is manufactured from high quality extruded aluminium. The frame has been specifically designed to easily clip on to a variety of grille faces for ease of installation. It's suitable for use to balance a variety of grille types including eggcrate, double deflection, half chevron, bar grille or ceiling mounted diffusers.

The adjusting screw is easily accessible through the face of the grille, allowing for precise air balancing. The Opposed Blade Damper comes in black anodised as standard.

Product specification codes:

OBD Opposed Blade Damper

Specification: Product code + size.

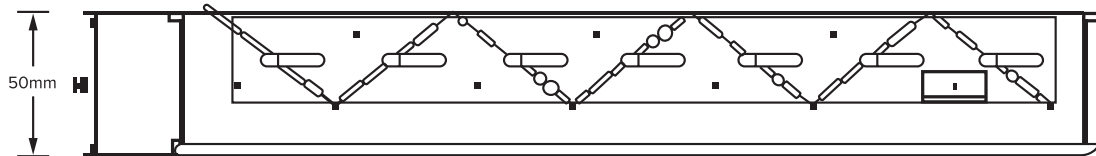
Example: **OBD 250x250**

Opposed Blade Damper 250mm x 250mm



OPPOSED BLADE DAMPER

Cross Sectional Diagram



Performance Data

OBD Area (m2)	L/s	45	65	75	90	110
0.02	Static Pressure (Pa)	0.5	1	1.4	2.5	4
OBD Area (m2)	L/s	90	125	140	155	170
0.05	Static Pressure (Pa)	0.5	1	2.5	3.8	5
OBD Area (m2)	L/s	150	190	240	290	330
0.1	Static Pressure (Pa)	0.5	1.5	2.5	4	5.5
OBD Area (m2)	L/s	250	300	350	390	450
0.15	Static Pressure (Pa)	1.5	2	3	4.5	6
OBD Area (m2)	L/s	380	430	480	540	600
0.18	Static Pressure (Pa)	1.5	2	2.5	4	5.5