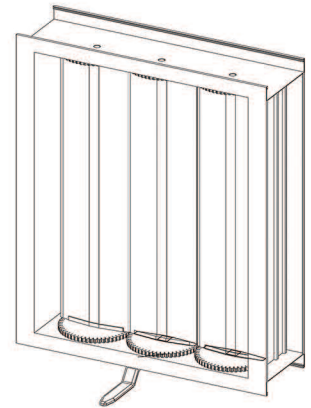
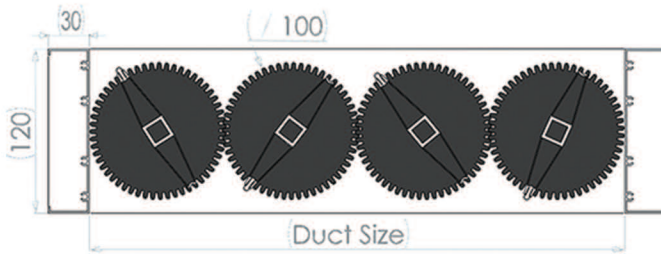


OPPOSED BLADE DEVICE



Out standing technique for highest demands Unique in comfort, acousrics and design

Construction



1- Frame

Made from High quality extruded aluminum.

2-Blade

Made from High quality extruded aluminum.

3-Seal

Made from high temperature resistance.

Mechanism movement

4-Gear

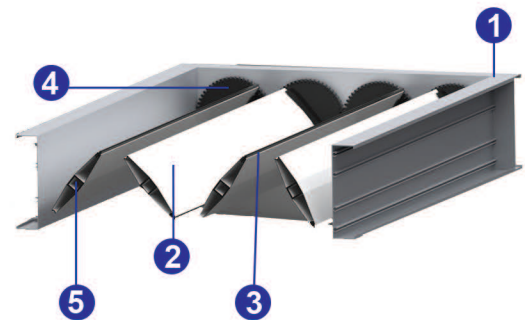
Made from high density plastic.

5-Square shaft

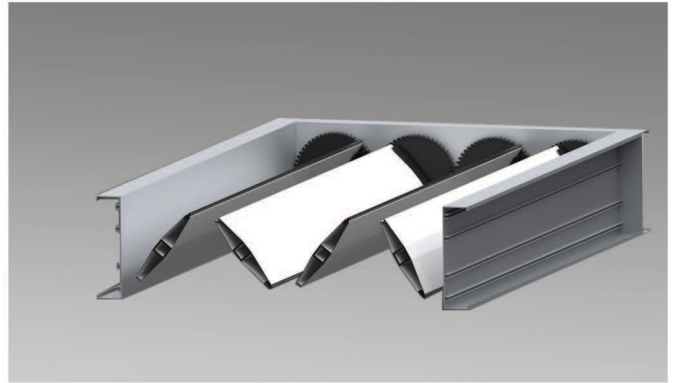
Made from High quality extruded aluminum, square profile 15mm.

6-Handle

Made from casted aluminum.

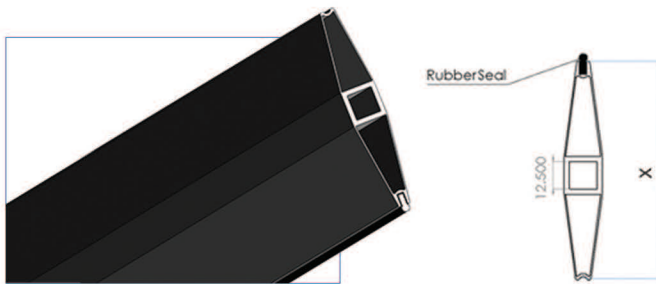


Description

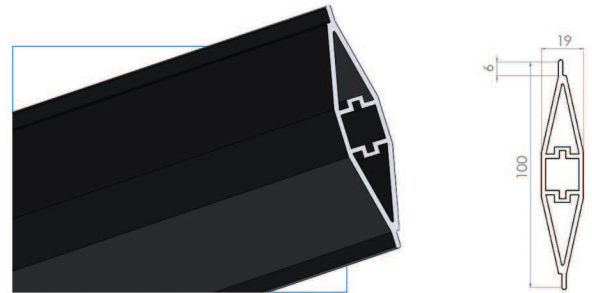


- Frame is made from High quality extruded aluminum with flanged edge 30 mm and connected by screw nails.
- Blades are made from High quality extruded aluminum with width 100 mm and 120mm connected by plastic gears to transfer motion.
- Handle locking quadrant designed to show exact position of blades (degree of deflection angle).
- Rubber seal fixed on the edge of the blades to minimize leakage of air.
- Volume dampers designed with flanged edges for connecting duct and without flange for duct inside are available as option.
- Volume control dampers specifically designed to provide positive control within ducted air system.
- Volume control damper designed to use in heating, ventilation and air condition system.
- Volume control dampers can be designed with special linkage to fix electric motor.
- Dampers sizes start from 120 mm x 120 mm and maximum size 1000 mm x 1000 mm in single section and non-standard sizes are available.

Types Of Blades And Rubber Seal

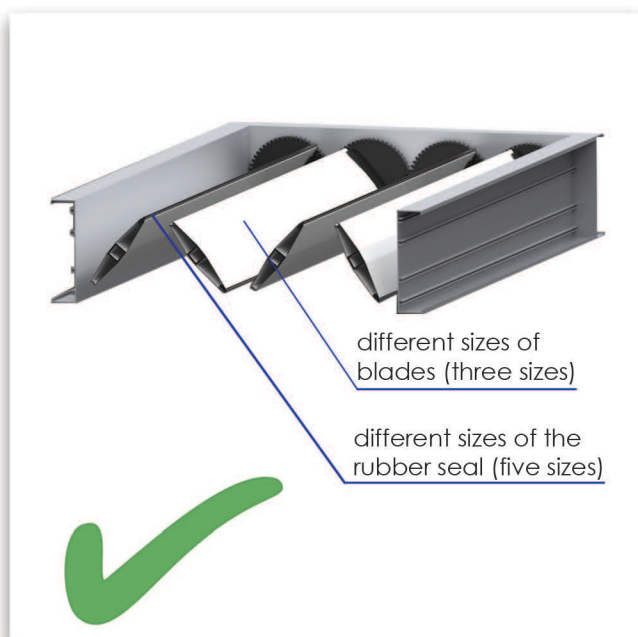


Blade with rubber



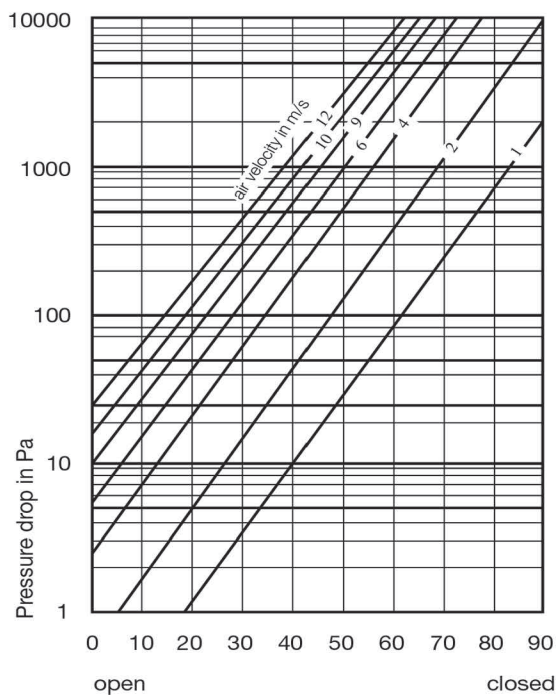
Blade without rubber seal

Note:

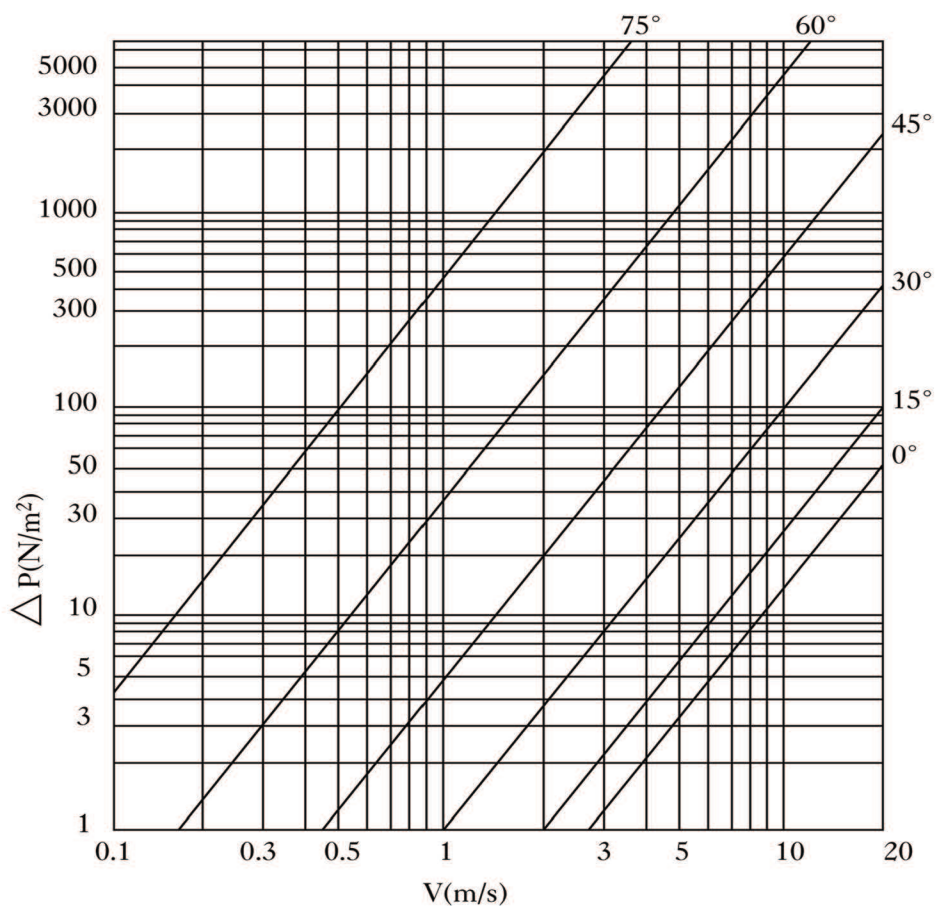


We have different sizes of blades (three sizes) and different sizes of the rubber seal (five sizes) This makes us distinguished in the sales market by maintaining the required amount of air in the designs of the project. As the other companies compensate for the different sizes at fixed angles, which reduces the amount of air, and therefore lack of commitment to the design.

Performance Chart



Pressure drop

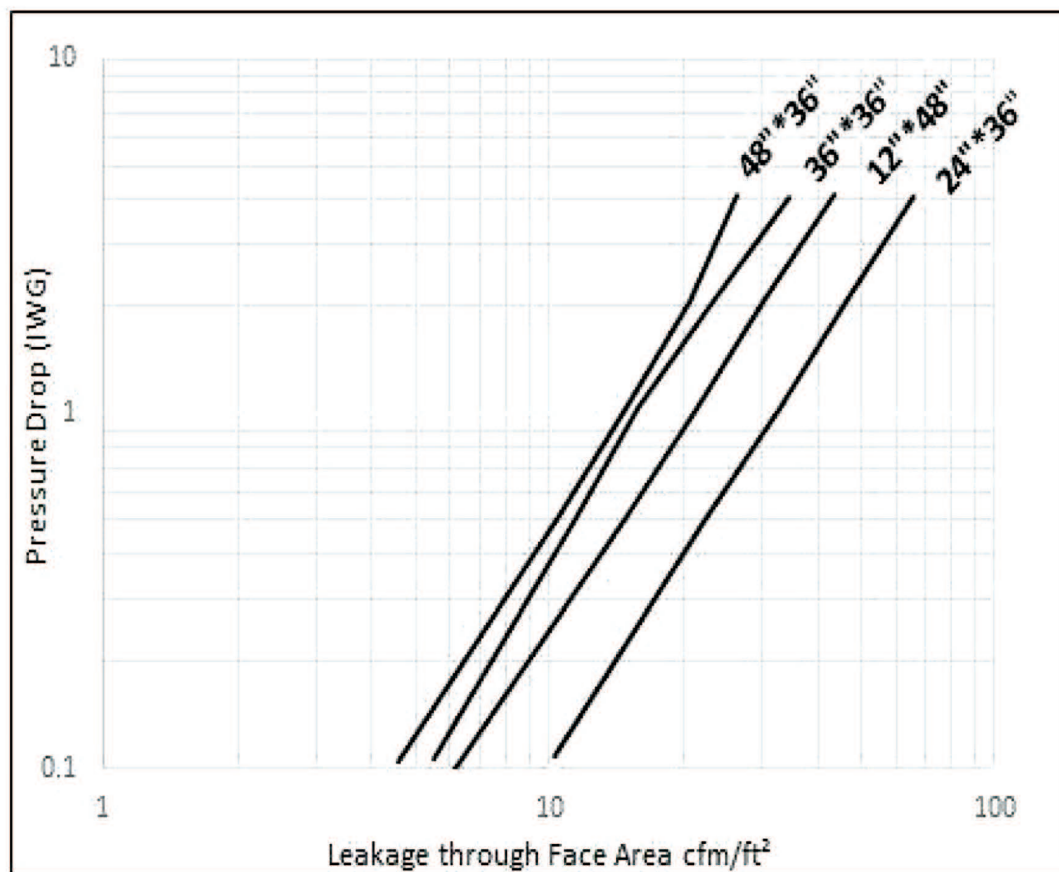


Performance Chart

Pressure drop data sample

Size 12"±12"		Size 24"± 24"		Size 36"±36"		Size 12"±48"		Size 48"±12"	
Air Velocity (Fpm)	Pressure Drop(IWG)	Air Velocity (Fpm)	Pressure Drop(IWG)	Air Velocity (Fpm)	Pressure Drop(IWG)	Air Velocity (Fpm)	Pressure Drop(IWG)	Air Velocity (Fpm)	Pressure Drop(IWG)
297	0.002	347	0.003	311	0.002	346	0.003	346	0.003
730	0.009	749	0.01	758	0.008	756	0.01	754	0.01
976	0.02	999	0.02	1006	0.01	1003	0.02	1001	0.02
1466	0.04	1514	0.05	1510	0.03	1520	0.04	1515	0.04
1958	0.08	2008	0.08	2000	0.05	2014	0.07	2007	0.08

Air leakage data chart



How To Order

