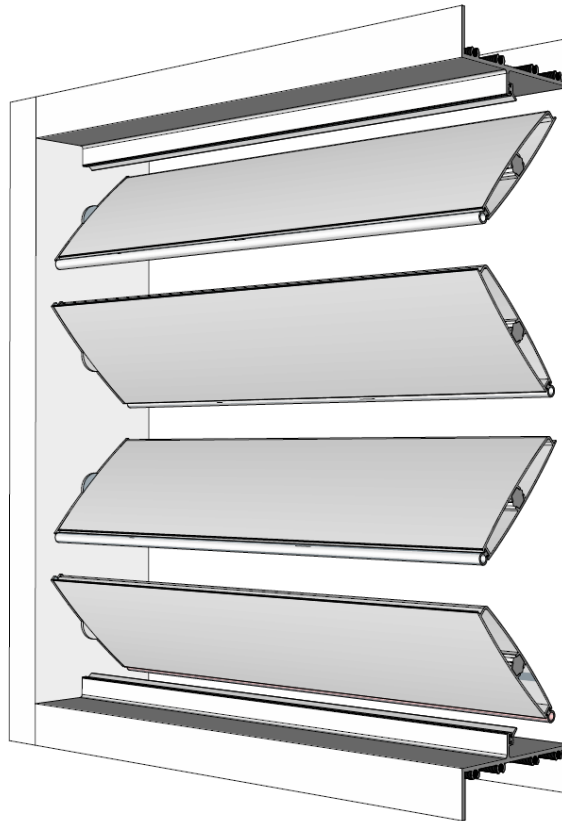


# VENTÜER TECHNICAL DATA SHEET

The Ventüer VCD-100 is a low leakage airflow regulating damper for the control of volume and pressure within air conditioning and ventilation systems. The extruded aluminium blades can be set in either opposing or parallel configuration, and are fitted with UV resistant PVC edge seals and self-lubricating injection moulded end bushings. The drive gear assembly is housed within the outer channel frame, and the hexagonal axle shaft can be fitted to a number of different rotary actuators or manual locking quadrants depending on the project specific requirements.



110 mm  
frame width



DAMPER CLOSED



DAMPER OPEN

100 mm  
blade centres



OPPOSING BLADES

30mm  
flange width

**VOLUME CONTROL  
DAMPER**  
VCD-100



**VENTÜER**  
High-Performance Building Ventilation  
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Scale:  
Date:

NTS  
08/10/2019

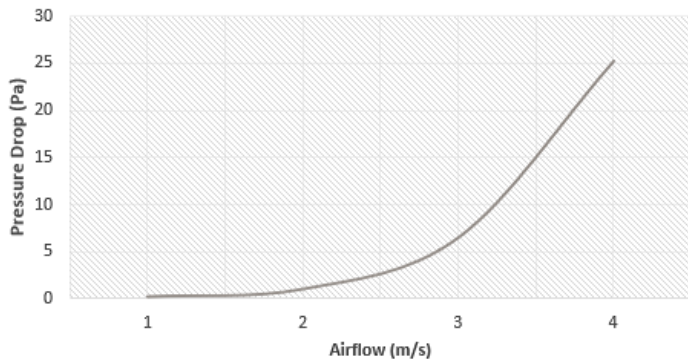
VCD-100

Ver.3

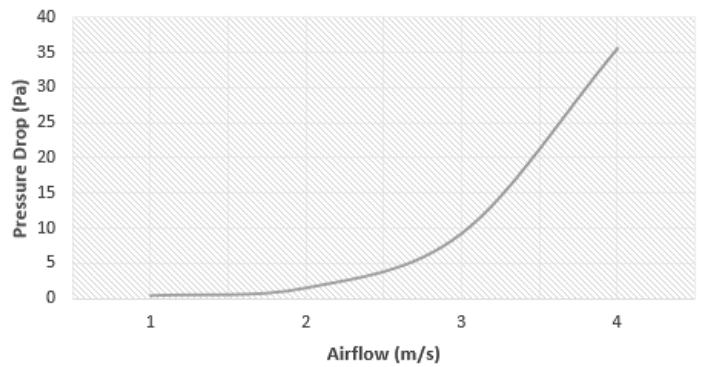
# VENTÜER TECHNICAL DATA SHEET

## Aerodynamic Performance of VCD-100 Opposing Blade Damper

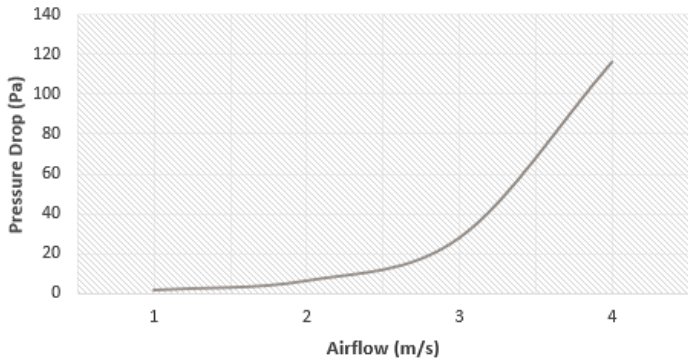
Pressure Drop Curve - Damper 100% Open



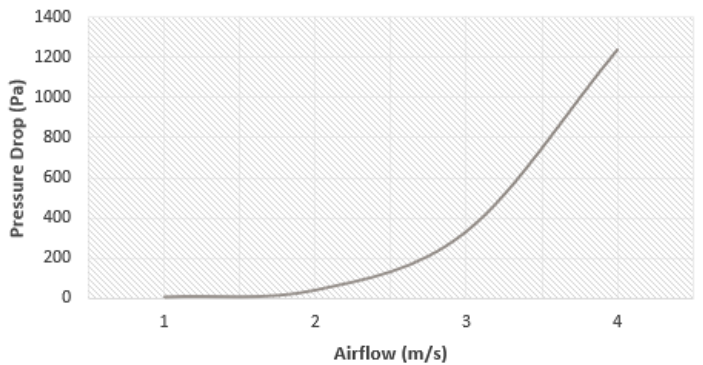
Pressure Drop Curve - Damper 75% Open



Pressure Drop Curve - Damper 50% Open



Pressure Drop Curve - Damper 25% Open



**VOLUME CONTROL  
DAMPER**  
VCD-100



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VCD-100

Ver.3