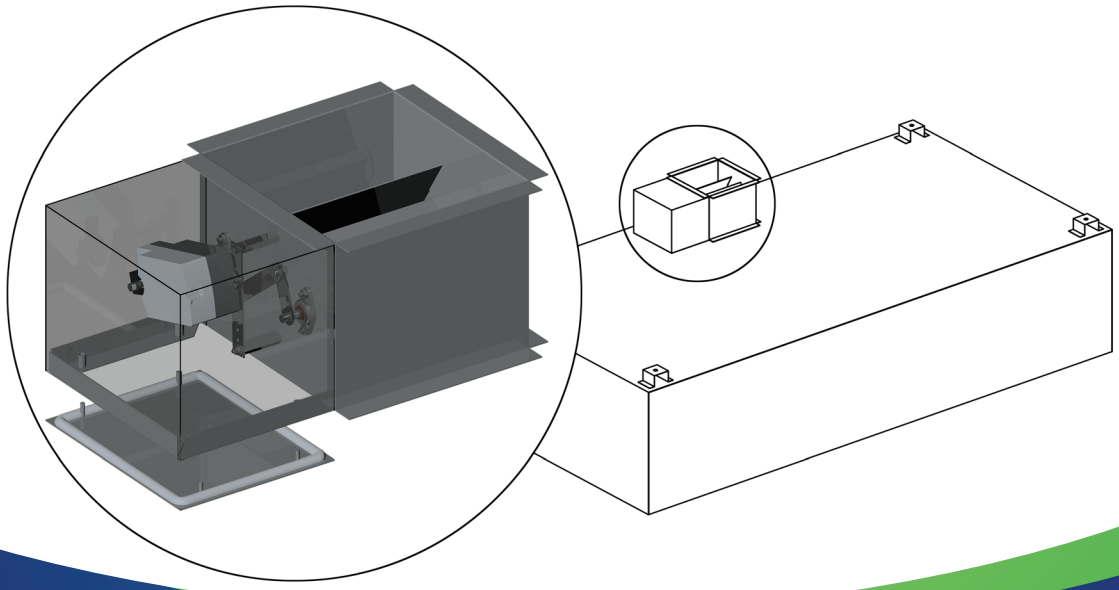
STREIVOR™ AIR SYSTEMS

Motorized Balancing Damper (MBD)

for Commerical Kitchen Ventilation Hoods

Provides Automated Exhaust Airflow Control for Multiple Hoods on a Common Exhaust Fan



- Integrates with Streivor's DemandAire Platinum Demand Control Kitchen Ventilation System
- Automatically Adjustable Opposed Blades (100% Open to 95% Closed)
- Fail Safe in Open Position Upon Power Loss
- Accessible from Below the Exhaust Hood
- Low Profile Design
- NFPA 96 Compliant
- UL 710 Listed

Maximize Energy Savings

The Streivor™ Air Systems Motorized Balancing Damper (MBD) is an electronically controlled balancing damper designed to automatically adjust airflows through hood exhaust ducts. MBDs can be installed in hood systems where multiple hoods share a common exhaust duct to facilitate the air balancing process by enabling each damper to be adjusted remotely. The MBD integrates with the DemandAire Platinum Demand Control Kitchen Ventilation system to essentially "shut off" inactive hoods on a common duct which are not in use by automatically closing the damper to about 95% closed. The result is a reduction in the power provided to the exhaust fan required to ventilate the remaining active hoods which are in operation, thus maximizing energy savings. The MBD includes a spring return mechanism which allows the damper to fail safe in the open position upon loss of power, such as in the event of a fire suppression system actuation when the exhaust fan is provided with 100% power.

Access Enclosure

Each MBD includes a Streivor™ Air Systems UL 710 Listed Access Enclosure to house the electronic actuator assembly. The Access Enclosure allows MBD components to be accessed from below the hood for adjustment, service, and/or replacement.

Construction

The construction material of the MBD shall be the same as the unexposed material of the hood. The MBD size shall match the engineered exhaust collar size specified on the hood drawings.

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