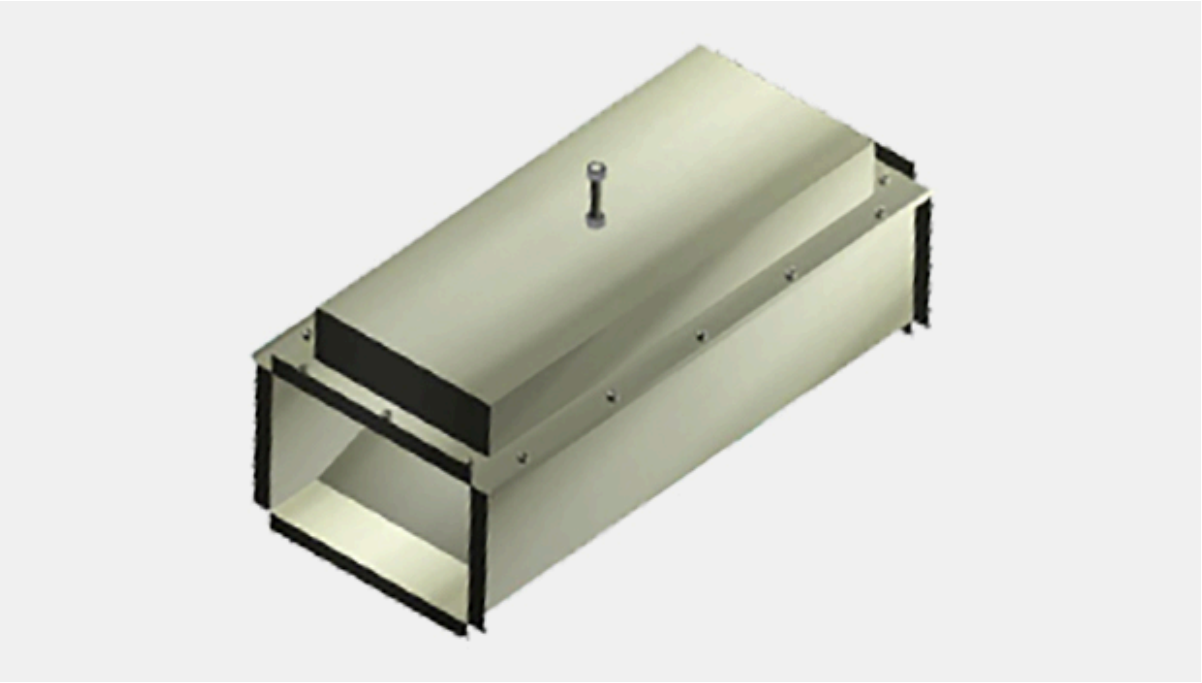
KBD – Exhaust hood balancing damper (ETL)



Overview

The KBD exhaust hood balancing damper allows for multiple hoods connecting to a common exhaust duct to be balanced both accurately and simply while ensuring the proper exhaust airflow for capture and containment of cooking effluent for each hood section.

Airflow can be determined by turning the adjustment rod and monitoring the differential pressure reading until the desired airflow and velocity is achieved. The Equalizer™ can be installed from a vertical position to fifteen degrees off the horizontal position
to accommodate the particular installation requirements of the kitchen structure.

Benefits

- Accurate airflow balancing for multiple hoods connected to a common exhaust duct.
- Ability to balance each hood to the required exhaust airflow rate.
- The unique design has an adjustable mechanism allowing airflow balance to be easily achieved.
- Meets NFPA and UL qualifications
- Enables ductwork to be cleaned using the unit as an access panel.
- The design provides a venturi effect which greatly reduces aerodynamic noise.

Specification

The exhaust balancing damper shall comprise an adjustment regulator control rod and airflow

calibration settings chart located on the front face of the unit.

The outer frame casing and the front panel shall be manufactured of galvanized steel.

The curved balancing panels shall be constructed of 18 ga. stainless steel. One curve shall be a fixed position panel, while the operable panel shall be adjustable using the balancing adjustment rod extended from the front face of the damper.

The balancing damper shall be UL listed per standard 710 and be fabricated in compliance with NFPA-96.