

SVE Product Description

CASING

- All SVE unit casing components are constructed of 22 gage galvanized steel.

INLET

- All inlets are square or rectangular.

DAMPER ASSEMBLY

- All unit sizes utilize a multi-blade control damper.
- Damper blade incorporates a flexible gasket for tight airflow shutoff.

AIRFLOW SENSOR

- All units are equipped with a factory installed airflow sensor device.
- The K4 LineaCross is a four quadrant center averaging airflow sensor.
- Balancing taps are provided to allow for easy airflow verification.

CONTROLS

- Pneumatic, electric, analog, or factory mounted direct digital control types are available. A “no control” unit is also available for field mounting of direct digital controls.

CONTROL TRANSFORMER

- Electronic controlled units are available with a factory supplied and wired optional 24 volt control transformer, mounted inside the control enclosure.

LABELS

- Label information adhered to each unit includes model name, unit size, configuration code, airflow (CFM), balancing chart and tagging data.

PACKAGING

- Units are palletized. Each pallet of units is banded and stretch wrapped with cellophane.

SVE Selection Guidelines

Determine which unit size fits your particular retrofit application. SVE units with pneumatic or analog controls are mounted to the unit and factory calibrated.

Determine the required maximum and minimum airflow required for the zone. Select the SVE unit rated for airflows compatible with the required airflows. Keep in mind that the retrofit will add the ability to control airflow between maximum and minimum flow setpoints. These setpoints are field adjustable.

Select the SVE control package to be used for the project. Determine whether the retrofit unit is to be controlled by pneumatic, electric, analog, or factory mounted direct digital control.

Select the appropriate control scheme from the control's section. The SVE retrofit terminal can be shipped with DDC controls by most DDC manufacturers. As an option, Krueger can provide a factory mounted 24 volt actuator compatible with most DDC control offerings.