# SVE

Retrofit Terminal Unit, Slide-in



## MODEL

- SVE - Slide-in, retrofit terminal unit

## FEATURES

- Available in many sizes; mounts in almost any square or rectangular duct
- Gasket around the orifice plate and mounting plate give the unit a tight seal inside the existing duct
- Multipoint center averaging sensor amplifies flow signal for best control of low flow rates; center averaging feature provides signal accuracy, regardless of inlet duct configuration
- Multi-blade damper is constructed of heavy gauge galvanized steel to prevent vibration under high pressure conditions
- Elastomer seals on edges of damper blades allow low leakage during full shut off
- Pneumatic, analog, and direct digital controls available
- Formed flanges provide added duct stiffness at insertion point
- Casing may be configured to mount on either right or left side of existing duct

## CONTROLS

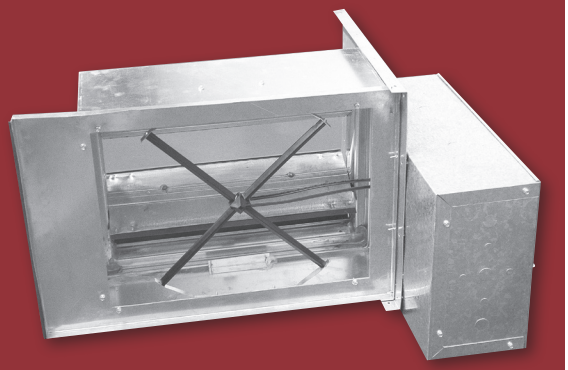
- Pneumatic Controls – Pressure independent, factory supplied, factory mounted, factory set airflows
- Analog Controls – Pressure independent, factory supplied and mounted
- DDC Controls – Variety of wiring and mounting configurations, factory mounted supplied by others

## COMPATIBLE OPTIONS AND ACCESSORIES

- Control enclosure
- 24 VAC, 50VA transformer
- Disconnect switch for digital controls

## CERTIFICATIONS

- ETL Listed - Adherence to UL 429 for units with factory provided transformers
- AHRI certified sound performance data



**WEB SEARCH: SVE**

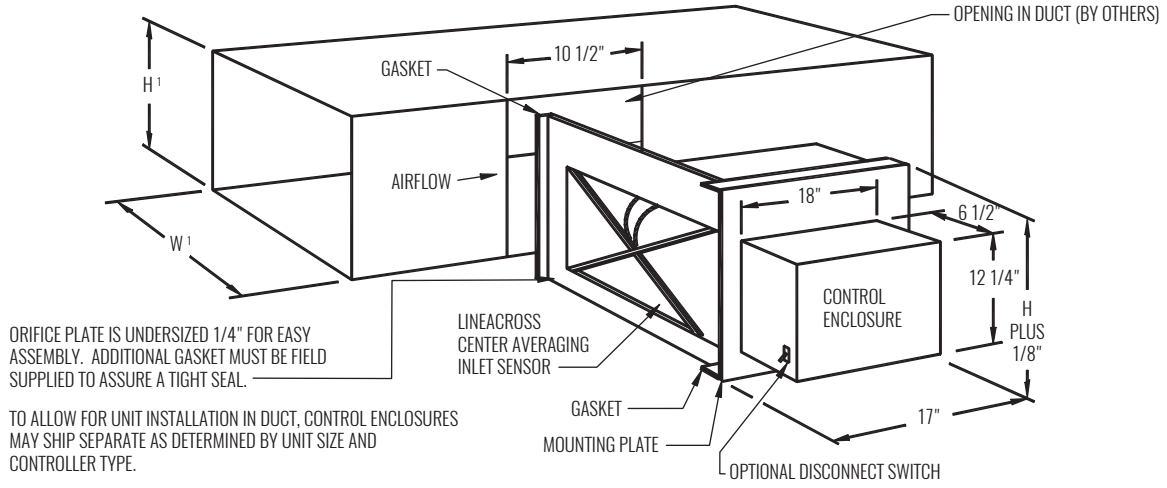
# SVE

Retrofit Terminal Unit, Slide-in

KRUEGER

## DIMENSIONAL DATA

[1] OUTSIDE DUCT DIMENSION




TO ALLOW FOR UNIT INSTALLATION IN DUCT, CONTROL ENCLOSURES MAY SHIP SEPARATE AS DETERMINED BY UNIT SIZE AND CONTROLLER TYPE.

## PERFORMANCE AND DIMENSIONAL DATA

| SIZE | | PERFORMANCE | | | | DIMENSIONS | |
|---|---|---|---|---|---|---|---|
| UNIT | DAMPER | INLET AIRFLOW RANGE (CFM) | NOMINAL AIRFLOW (CFM) | MIN Ps@ NOMINAL AIRFLOW ("WG) | RADIATED / DISCHARGE NC | DUCT SIZES (in.) | |
| | | | | | | WIDTH (W) | HEIGHT (H) |
| B | 6" x 6" | 114 - 656 | 350 | 0.548 | 35 / 39 | 6, 8, 10, 12, 14 | 6 |
| | | | | | | 8, 10, 12, 14 | 8 |
| | | | | | | 10, 12, 14 | 10 |
| C | 8" x 6" | 152 - 875 | 575 | 0.535 | 35 / 40 | 8, 10, 12, 14, 16 | 6, 8 |
| | | | | | | 10, 12, 14, 16 | 10 |
| D | 10" x 8" | 253 - 1458 | 675 | 0.561 | 35 / 37 | 10, 12, 14, 16, 18 | 8, 10 |
| | | | | | | 12, 14, 16, 18 | 12 |
| E | 14" x 8" | 354 - 2042 | 1000 | 0.567 | 36 / 34 | 14, 16, 18, 20, 22, 24 | 8, 10, 12 |
| F | 18" x 6" | 341 - 1969 | 950 | 0.560 | 36 / 34 | 18, 20, 22, 24, 26 | 6, 8, 10 |
| G | 12" x 10" | 379 - 2188 | 1075 | 0.561 | 35 / 34 | 12, 14, 16, 18, 20, 22 | 10, 12 |
| | | | | | | 14, 16, 18, 20, 22 | 14 |
| H | 18" x 10" | 568 - 3281 | 1775 | 0.541 | 37 / 35 | 18, 20, 22, 24, 26, 28, 30 | 10, 12, 14 |
| J | 18" x 12" | 682 - 3938 | 2300 | 0.543 | 39 / 36 | 18, 20, 22, 24, 26, 28 | 12, 14, 16 |
| K | 20" x 14" | 884 - 5104 | 3550 | 0.520 | 40 / 38 | 20, 22, 24, 26, 28, 30 | 14, 16, 18 |
| L | 30" x 12" | 1137 - 6563 | 4725 | 0.222 | 45 / 39 | 30, 32, 34, 36 | 12, 14, 16 |
| M | 22" x 16" | 1111 - 6417 | 4625 | 0.290 | 44 / 40 | 22, 24, 26, 28, 30, 32, 34, 36 | 16, 18, 20 |
| N | 24" x 18" | 1364 - 7875 | 5650 | 0.221 | 44 / 38 | 24, 26, 28, 30, 32, 34, 36 | 18, 20, 24, 26 |
| P | 30" x 20" | 1894 - 10938 | 7875 | 0.223 | 43 / 37 | 30, 32, 34, 36, 38, 40, 42, 44, 46 | 20, 24, 26 |
| R | 40" x 20" | 2526 - 14583 | 10475 | 0.221 | 43 / 36 | 40, 42, 44, 46, 48, 50, 52 | 20, 24, 26 |

NOTES: Information shown is abbreviated. See website for complete information. Min Ps is the pressure drop across the unit at nominal CFM shown. Max CFM value is based on a 1" WG differential pressure signal from the inlet airflow sensor. Min CFM value is based on a .03" WG differential pressure signal from the inlet airflow sensor. Minimum may also be 0. To operate a unit below Min CFM value shown above, the DDC controller must be able to accurately read below 0.03" WG. Discharge sound power is the sound emitted from the unit discharge. Radiated sound power is the sound transmitted through the casing walls. All sound data is based on tests conducted in accordance with AHRI 880-11. NC application data is based on Sound Power levels (dB, re $10^{-12}$ Watts) applied to AHRI Standard 885-08 Appendix E, as a function of flow rate shown. All data points listed are application ratings outside the scope of the Certification Program.