

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

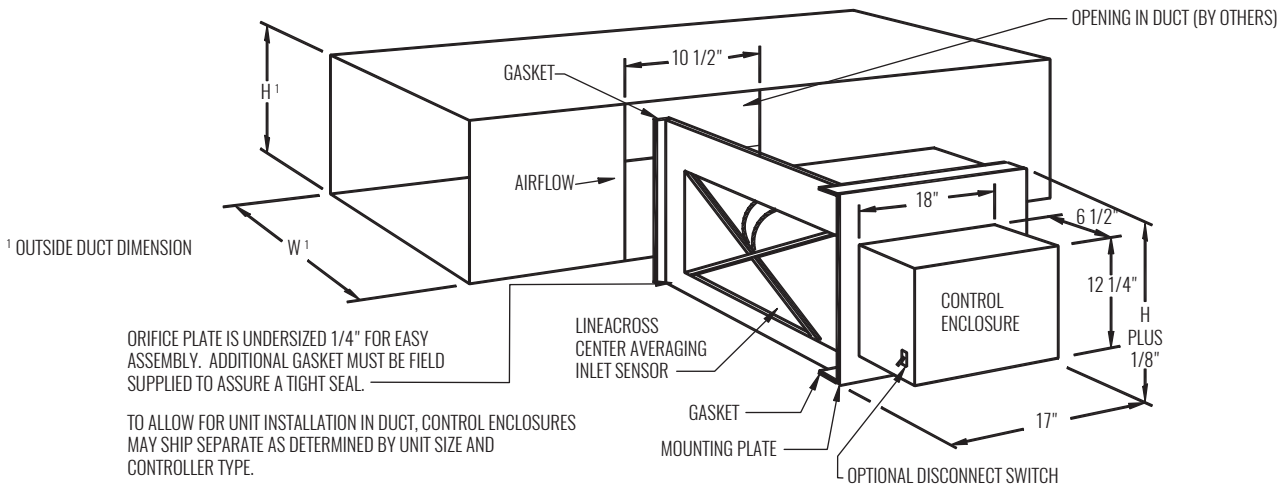
- Control enclosure
- 24 VAC, 50VA transformer
- Disconnect switch for digital controls

CERTIFICATIONS

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



DIMENSIONAL DATA



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)
A	5" x 5"	79 - 456	235	0.556	35 / 41	5, 6, 8, 10, 12	5
						6, 8, 10, 12	6
						8, 10, 12	8
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.