

**The Carnes Model AVEB** — is available as a basic control unit with electric reheat and open end discharge, with an optional sound attenuator module and multi-discharge adaptor module. This unit offers low pressure drop, low sound levels and valve characteristics which create stable control conditions within the conditioned space.

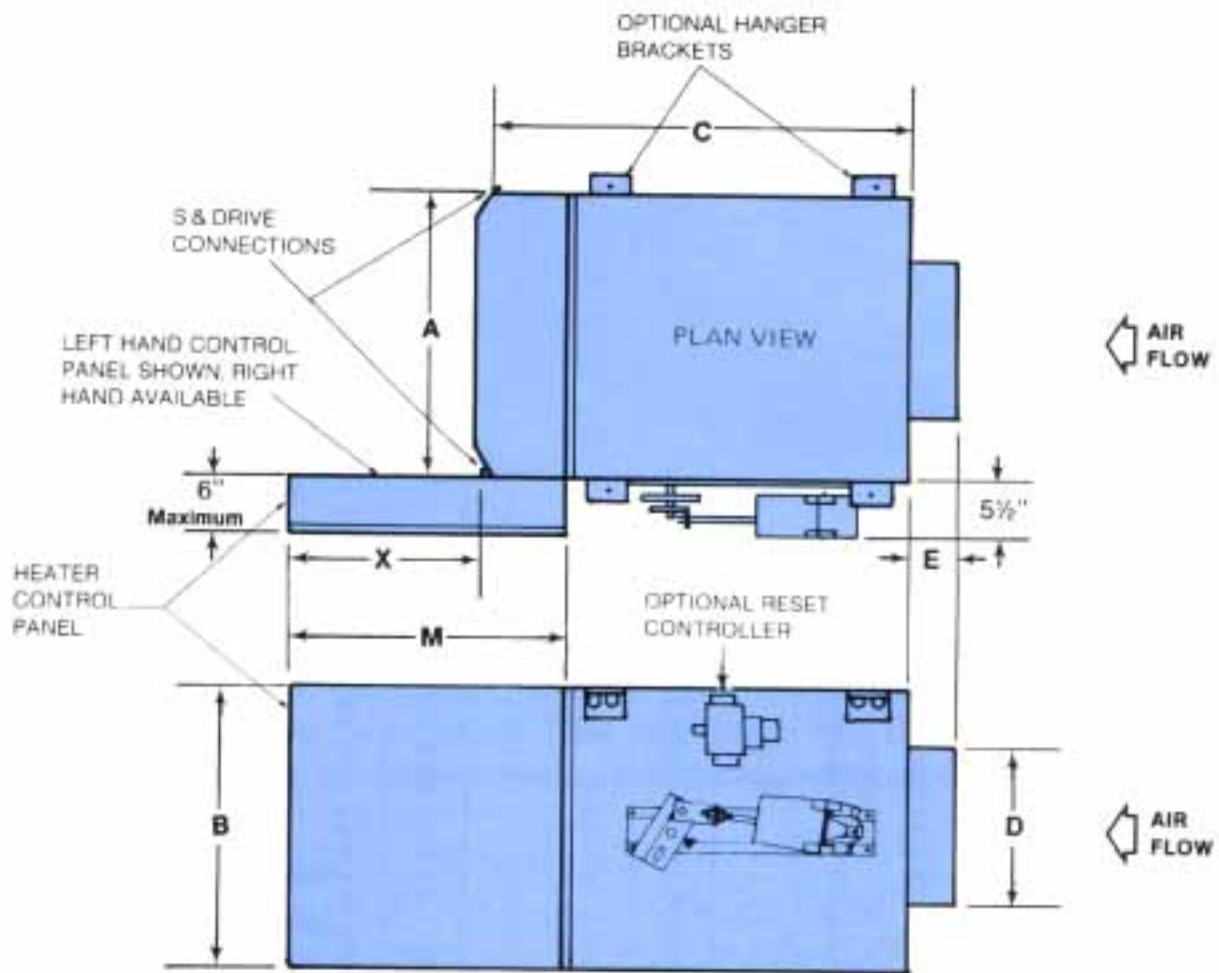
*Other Features Include:*

- Air flow capacities from full shut-off to 8,000 CFM.
- Pneumatic, electric, electronic or manual damper control.
- Open-end discharge units are provided with S and drive connection for easy installation.
- Thermally and acoustically insulated casings (electric coil casing is uninsulated).
- Multi-discharge adaptors have round outlet connections with integral balancing dampers.
- Air flow sensor at inlet of unit.
- Optional pressure independent control.
- Optional hanger brackets.
- Optional fire rated tubing.
- Optional foil coated insulation (hospital, laboratory, etc. applications).
- Optional controls enclosure for electric controls.

*Available Modules:*

- Basic control unit with or without electric reheat coil—Model AVEB (See Section 4 for coil data).
- Sound attenuator—Model AXAA (See Section 5-Accessories).
- Multi-discharge adaptor—Model AXMA (See Section 5-Accessories).

## Dimensional Data—Model AVEB-Single Duct Throttling Unit with Electric Reheat



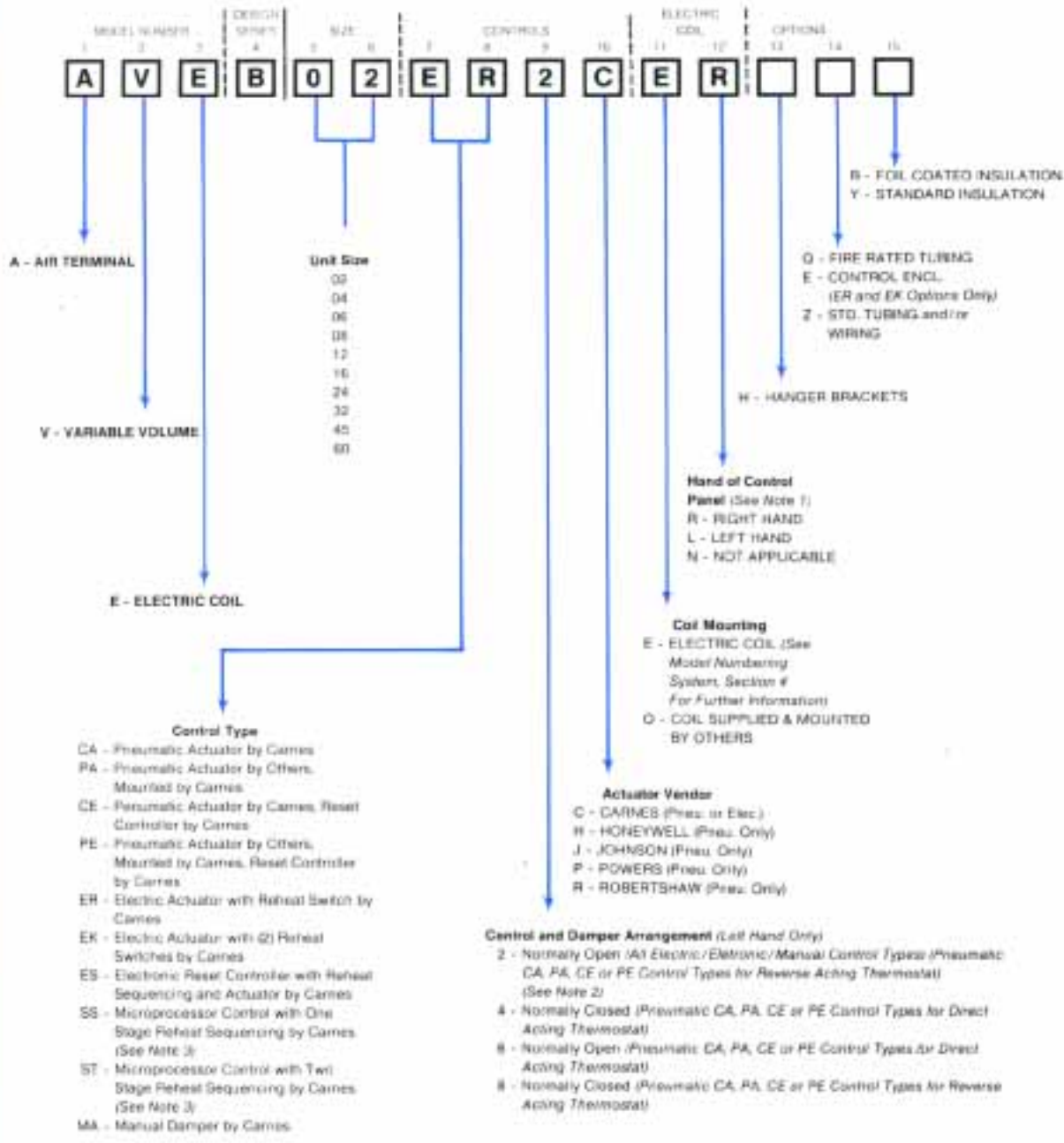
LEFT HAND CONTROLS ONLY  
 PRESSURE INDEPENDENT PNEUMATIC  
 CONTROLS SHOWN. PRESSURE DEPENDENT  
 PNEUMATIC, ELECTRONIC/ELECTRIC &  
 MANUAL AVAILABLE.

DIMENSIONS LISTED IN INCHES								
Unit Size	A	B	C	D	E	*M	*X	Approx. Weight (lbs.)
02	10	8	23 $\frac{1}{4}$	5	2 $\frac{1}{2}$	29	16 $\frac{1}{4}$	30
04	10	8	23 $\frac{1}{4}$	6	2 $\frac{1}{2}$	29	16 $\frac{1}{4}$	30
06	12	10	25 $\frac{1}{4}$	7	2 $\frac{1}{2}$	29	17	40
08	12	10	25 $\frac{1}{4}$	8	2 $\frac{1}{2}$	29	17	40
12	14	12	27 $\frac{1}{4}$	10	2 $\frac{1}{2}$	33	20 $\frac{1}{4}$	50
16	16	14	29 $\frac{1}{4}$	12	2 $\frac{1}{2}$	35	23	64
24	18	16	31 $\frac{1}{4}$	14	2 $\frac{1}{2}$	41	28 $\frac{1}{4}$	77
32	20	18	33 $\frac{1}{4}$	16	2 $\frac{1}{2}$	42	29 $\frac{1}{4}$	94
45	24	18	33 $\frac{1}{4}$	16 x 18	3 $\frac{1}{2}$	56	43 $\frac{1}{2}$	107
60	32	18	33 $\frac{1}{4}$	16 x 24	3 $\frac{1}{2}$	56	43 $\frac{1}{2}$	137

†Less Controls

\*All M and X dimensions are maximum (not to exceed) and may be less than those shown.

SEE SECTION 4 FOR SPECIFIC INFORMATION ON ELECTRIC COILS.



- NOTES:**
1. Hand of coil is determined by facing the outside of the coil control panel and determining the direction of the control panel overhang from the coil section.
  2. Electric/Electronic units do not fail open. "2" is used for model numbering only. (Refer to controls section of this catalog for additional operating information.)
  3. "SS" and "ST" control options include controller, actuator and inlet sensor.