

Model AVCB

**The Carnes Model AVCB** is available as a basic control unit with open end discharge, with an optional sound attenuator module, and optional 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:*

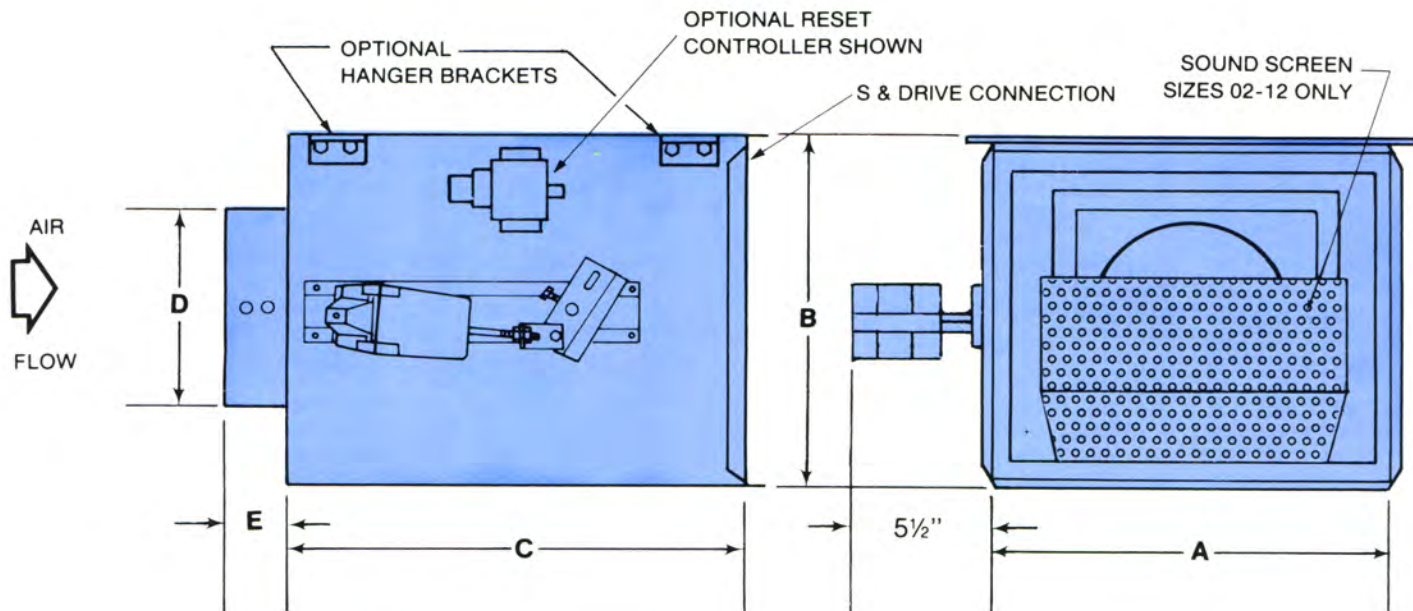
- Air flow capacities from full shut-off to 8,000 CFM.
- Pneumatic, electric, electronic, or manual damper control.
- Open-end discharge units are provided with S and drive connection for easy installation.
- Thermally and acoustically insulated casings.
- Multi-discharge adaptors have round outlet connections 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 — Model AVCB.
- Sound attenuator — Model AXAA (See Section 5—Accessories).
- Multi-discharge adaptor — Model AXMA (See Section 5—Accessories).

**2**

**Dimensional Data—Model AVCB—Single Duct Throttling Unit**



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

DIMENSIONS LISTED IN INCHES						
BASIC ASSEMBLY						
UNIT SIZE	A	B	C	D	E	WEIGHT (lbs.) Less Controls
02	10	8	11¼	5	2¾	8½
04	10	8	11¼	6	2¾	8½
06	12	10	13¼	7	2¾	13
08	12	10	13¼	8	2¾	16½
12	14	12	15¼	10	2¾	16½
16	16	14	17¼	12	2¾	23
24	18	16	19¼	14	2¾	27
32	20	18	21¼	16	2¾	33½
45	24	18	21¼	16 x 18	3¾	37
60	32	18	21¼	16 x 24	3¾	47

