

The Carnes Model AVWB is available as a basic control unit with hot water reheat and 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.

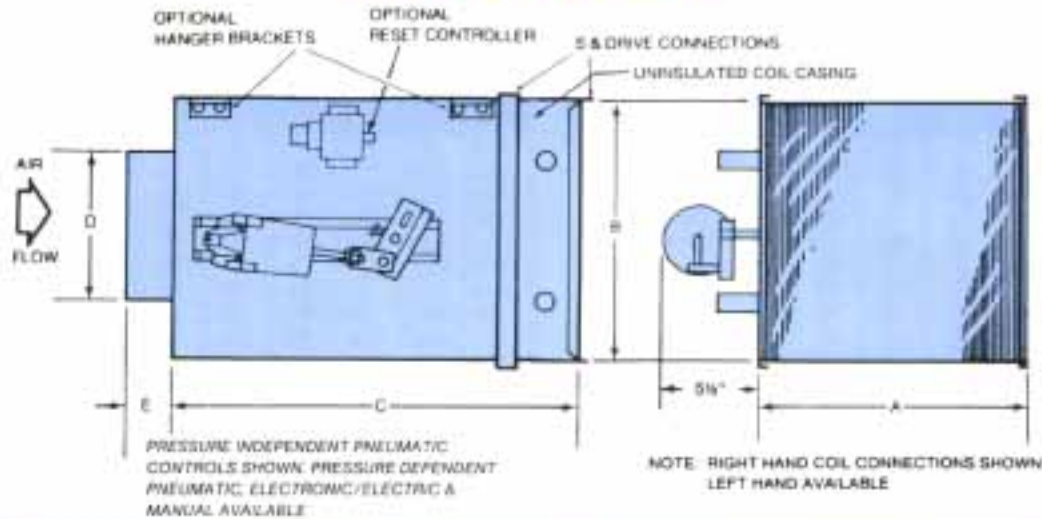
Other Features Include:

- 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 (hot water 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.
- Optional access panel.

Available Modules:

- Basic control unit with hot water coil—Model AVWB (See Section 3 for coil data).
- Sound attenuator—Model AXAA (See Section 5 - Accessories).
- Multi-discharge adaptor—Model AXMA (See Section 5 - Accessories).

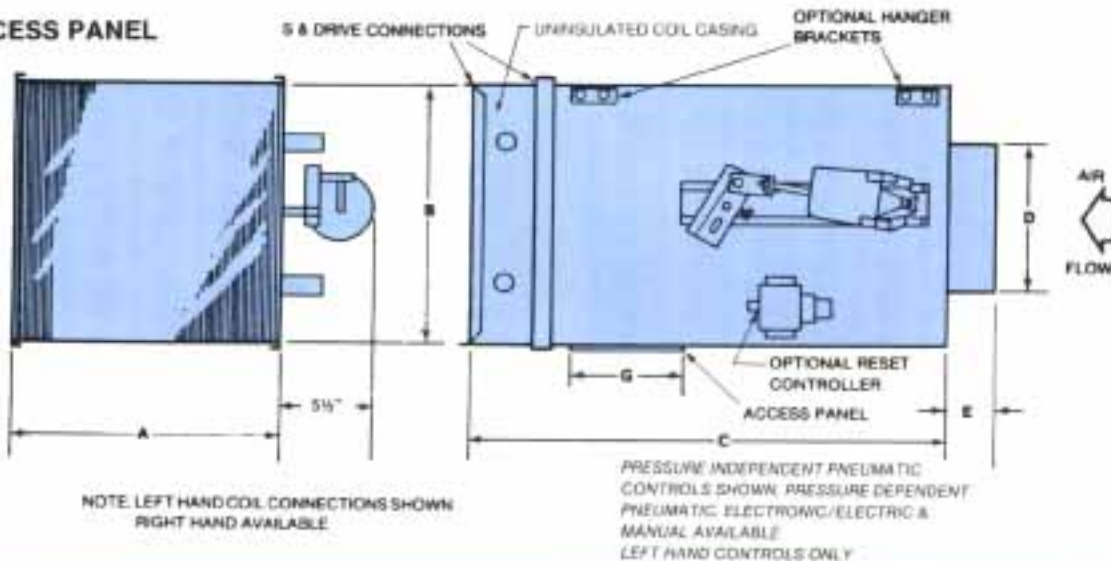
Dimensional Data—Model AVWB-Throttling Unit with Hot Water Reheat



UNIT SIZE	DIMENSIONS LISTED IN INCHES										
	A	B	1 Row C	2 Row C	D	E	O.D. Coil/Conn		*Weight		
							w/1 Row	w/2 Row	w/1 Row	w/2 Row	
02	10	8	14 $\frac{1}{4}$	15 $\frac{1}{4}$	5	2 $\frac{1}{4}$	1/2	1/2	12	13	
04	10	8	14 $\frac{1}{4}$	15 $\frac{1}{4}$	6	2 $\frac{1}{4}$	1/2	1/2	12	13	
06	12	10	16 $\frac{1}{4}$	17 $\frac{1}{4}$	7	2 $\frac{1}{4}$	1/2	1/2	17	19 $\frac{1}{2}$	
08	14	12	18 $\frac{1}{4}$	19 $\frac{1}{4}$	8	2 $\frac{1}{4}$	1/2	5/8	21	24	
12	18	14	20 $\frac{1}{4}$	21 $\frac{1}{4}$	10	2 $\frac{1}{4}$	1/2	5/8	29	34	
16	18	16	22 $\frac{1}{4}$	23 $\frac{1}{4}$	12	2 $\frac{1}{4}$	1/2	5/8	34	40	
24	20	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	14	2 $\frac{1}{4}$	5/8	7/8	41 $\frac{1}{2}$	47 $\frac{1}{2}$	
32	24	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	16	2 $\frac{1}{4}$	5/8	7/8	48 $\frac{1}{2}$	53	
45	32	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	16 x 18	3 $\frac{1}{4}$	5/8	7/8	59	68	
60	32	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	18 x 24	3 $\frac{1}{4}$	5/8	7/8	59	68	

*Less Controls

w/ACCESS PANEL



UNIT SIZE	DIMENSIONS LISTED IN INCHES										
	A	B	1 Row C	2 Row C	D	E	G	O.D. Coil/Conn		*Weight	
								w/1 Row	w/2 Row	w/1 Row	w/2 Row
02	10	8	37 $\frac{1}{4}$	39 $\frac{1}{4}$	5	2 $\frac{1}{4}$	3 $\frac{1}{4}$	1/2	1/2	17	18
04	10	8	37 $\frac{1}{4}$	39 $\frac{1}{4}$	6	2 $\frac{1}{4}$	3 $\frac{1}{4}$	1/2	1/2	17	18
06	12	10	37 $\frac{1}{4}$	39 $\frac{1}{4}$	7	2 $\frac{1}{4}$	11 $\frac{1}{4}$	1/2	1/2	22	25
08	14	12	37 $\frac{1}{4}$	39 $\frac{1}{4}$	8	2 $\frac{1}{4}$	13 $\frac{1}{4}$	1/2	5/8	26	29
12	16	14	20 $\frac{1}{4}$	21 $\frac{1}{4}$	10	2 $\frac{1}{4}$	13 $\frac{1}{4}$	1/2	5/8	30	35
16	18	16	22 $\frac{1}{4}$	23 $\frac{1}{4}$	12	2 $\frac{1}{4}$	13 $\frac{1}{4}$	1/2	5/8	35	41
24	20	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	14	2 $\frac{1}{4}$	13 $\frac{1}{4}$	5/8	7/8	44	50
32	24	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	16	2 $\frac{1}{4}$	13 $\frac{1}{4}$	5/8	7/8	49	56
45	32	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	16x18	3 $\frac{1}{4}$	13 $\frac{1}{4}$	5/8	7/8	61	70
60	32	18	24 $\frac{1}{4}$	25 $\frac{1}{4}$	16x24	3 $\frac{1}{4}$	13 $\frac{1}{4}$	5/8	7/8	61	70

*Less Controls

Refer to Section 3 of this catalog for specific information on hot water coils.

