

**MODEL AVWC**

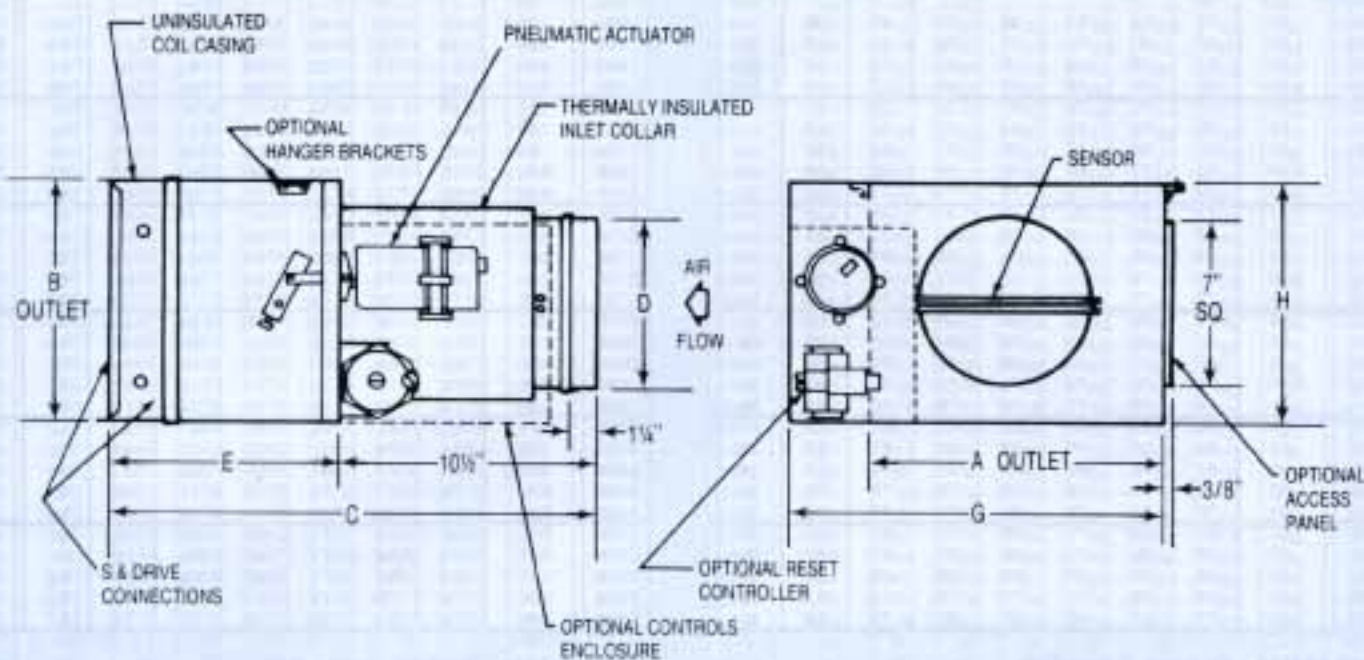
The Carnes Model AVWC is available as a basic control unit with hot water reheat and open end discharge, with an optional sound attenuator module, and optional multi-discharge adaptor module. This unit offers low pressure drop, low sound levels, and valve characteristics which create stable control conditions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

Other Features Include:

- Air flow capacities from full shut-off to 7,300 CFM (0-3,000 FPM for each unit size).
- One or two row hot water coil factory attached with slip and drive connections.
- Unit discharge provided with slip and drive connection for easy installation.
- Thermally and acoustically insulated casings meet UL and NFPA standards.
- Low leakage damper design.
- Averaging type air flow sensor at inlet of unit.
- Pneumatic, electric, electronic, or manual control options available.
- Optional pressure independent and pressure dependent controls.
- Optional hanger brackets.
- Optional foil coated insulation (hospital, laboratory, etc. applications)(available with basic control unit only).
- Optional controls enclosure.
- Optional access panel for component inspection.
- Multi-discharge adaptors have round outlet connections with integral balancing dampers.

Available Modules:

- Basic Control Unit with hot water coil — Model AVWC (See Section 3 for coil data).
- Sound Attenuator — Model AXAB (See Section 5—Accessories).
- Multi-Discharge Adaptor — Model AXMB (See Section 5—Accessories).

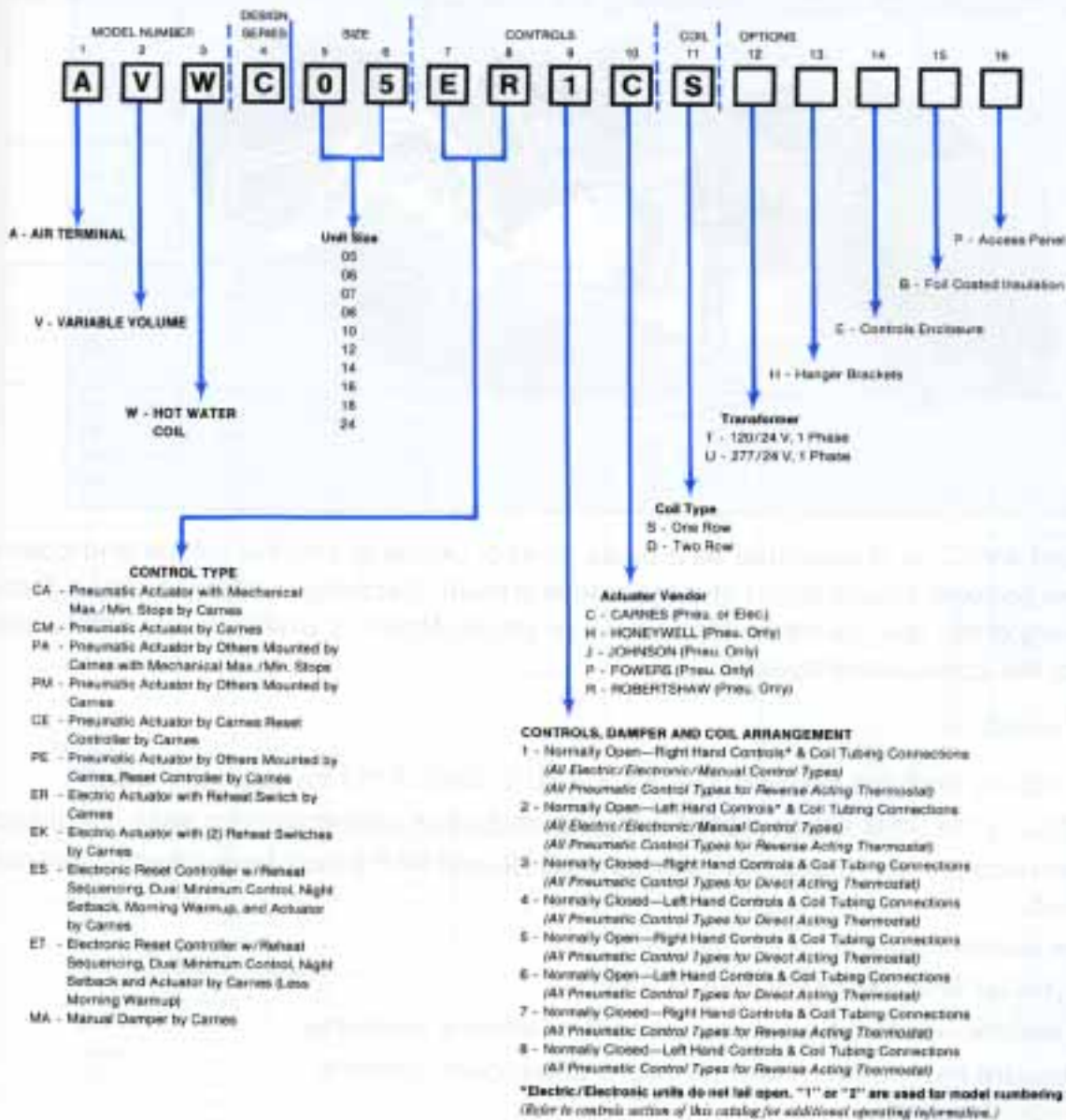


PNEUMATIC CONTROLS SHOWN.
ELECTRIC/ELECTRONIC AND
MANUAL AVAILABLE.

— LEFT HAND CONTROLS AND COIL
CONNECTION SHOWN. RIGHT HAND
AVAILABLE. CONTROLS AND COIL
CONNECTION MUST BE LOCATED ON
SAME SIDE OF UNIT.

DIMENSIONS LISTED IN INCHES

Unit Size	CFM Range	A	B	1-Row Coil		2-Row Coil		D	1-Row Coil		2-Row Coil		G	H	O.D. Coil Conn.	
				C	w/Access Panel	C	w/Access Panel		E	w/Access Panel	E	w/Access Panel			1-Row Coil	2-Row Coil
05	0-350	12	7 1/2	19 1/2	23 1/2	21	25	4 1/2	9 1/2	13 1/2	10 1/2	14 1/2	15 1/2	10 1/2	1/2	1/2
06	0-500	12	7 1/2	19 1/2	23 1/2	21	25	5 1/2	9 1/2	13 1/2	10 1/2	14 1/2	15 1/2	10 1/2	1/2	1/2
07	0-700	12	10	20 1/2	23 1/2	22	25	6 1/2	10 1/2	13 1/2	11 1/2	14 1/2	15 1/2	10 1/2	1/2	1/2
08	0-1000	12	10	20 1/2	23 1/2	22	25	7 1/2	10 1/2	13 1/2	11 1/2	14 1/2	15 1/2	10 1/2	1/2	1/2
10	0-1500	14	12 1/2	21 1/2	23 1/2	23	25	9 1/2	11 1/2	13 1/2	12 1/2	14 1/2	17 1/2	12 1/2	1/2	5/8
12	0-2300	16	15	22 1/2	23 1/2	24	25	11 1/2	12 1/2	13 1/2	13 1/2	14 1/2	19 1/2	15 1/2	1/2	5/8
14	0-3100	20	17 1/2	23 1/2	23 1/2	25	25	13 1/2	13 1/2	13 1/2	14 1/2	14 1/2	23 1/2	17 1/2	5/8	7/8
16	0-4200	24	17 1/2	24 1/2	24 1/2	26	26	15 1/2	14 1/2	14 1/2	15 1/2	15 1/2	27 1/2	17 1/2	5/8	7/8
18	0-5500	32	17 1/2	26 1/2	26 1/2	28	28	15 1/2 x 17 1/2	16 1/2	16 1/2	17 1/2	17 1/2	36 1/2	17 1/2	5/8	7/8
24	0-7300	32	17 1/2	26 1/2	26 1/2	28	28	15 1/2 x 23 1/2	16 1/2	16 1/2	17 1/2	17 1/2	36 1/2	17 1/2	5/8	7/8



A Carnes Thermostat must be ordered for compatibility with ES and ET Control Options.

NOTES: 1. Hand is determined by facing the unit in the direction of air flow into the unit from supply duct.
 2. Control unit and coil are factory attached.