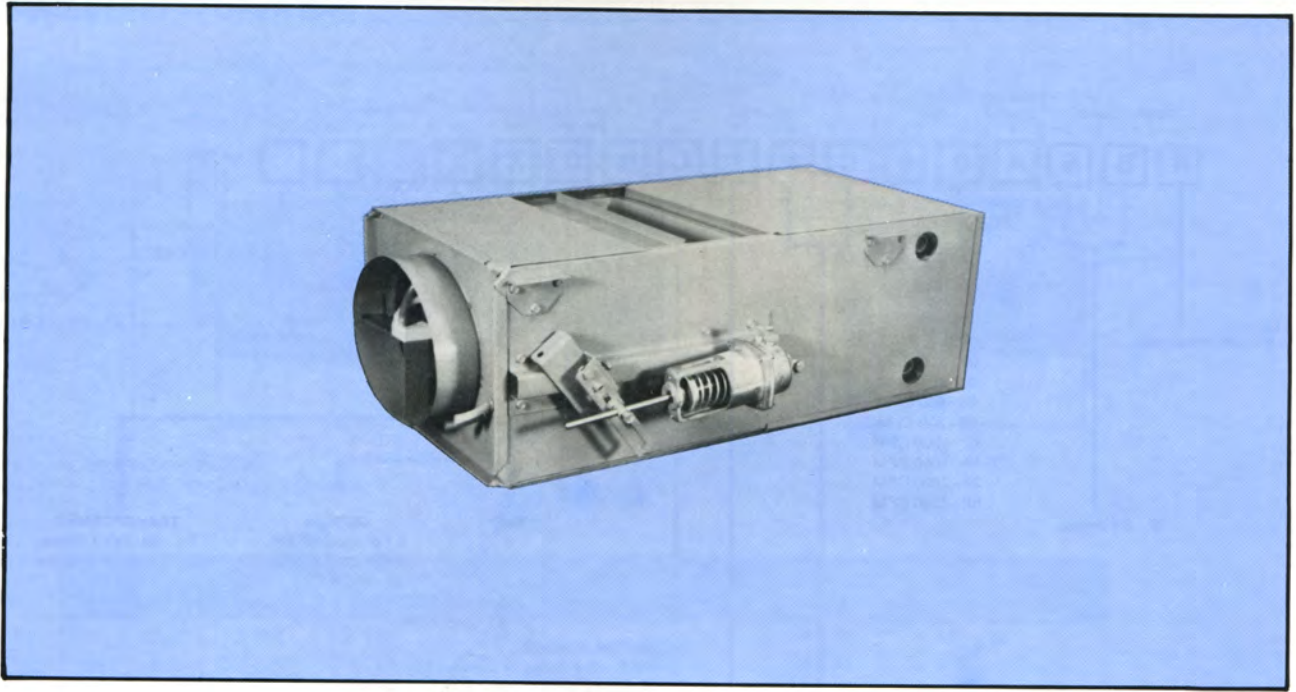


By-Pass Control Unit With Hot Water Reheat



The Carnes Model ABWA, By-Pass Control Hot Water Reheat Unit, provides variable air volume, with reheat capability, to individual zones while by-passing the unneeded air to the ceiling plenum for recirculation.

Although zone air volumes in small buildings may vary greatly, the cost of fan controls many times cannot be justified. Zone variable air volumes are realized with the by-pass reheat unit while the supply fan delivers a constant CFM.

The ABWA is compatible with reverse or direct acting pneumatic or electric thermostats. Zone thermostats directly controlling the by-pass damper assures that only the air that is needed is delivered to the zone.

Other Features Include:

- Air flow capacities to 3,200 CFM.
- Pneumatic, electric, or manual damper control.
- Thermally and acoustically insulated casing including coil compartment to prevent condensation.
- Reheat coils constructed of 1/2" O.D. copper tubes and fin spacing of 10 F.P.I. Available in one, two, three, or four rows. Pipe connections available either right hand or left hand, easily field reversed.
- Access door to coil.
- Open-end discharge provided with S and drive connection for easy installation.
- Balancing damper in by-pass is standard.
- Air flow sensor at inlet is standard.
- Optional hanger brackets.
- Optional controls enclosure for electric controls.

Model Numbering System—Model ABWA-Control Unit

