

AT Series Air Handlers for TW

Improved Design for Better Performance



AT18HV air handler shown

Cruisair's AT series of air handlers for tempered water systems are draw-through (ducted) units that replace the CBU, CBBL, and CHBBL models, and have many improvements and options over the existing units.

Significant improvements include: sloped "Positive-Flow" drain pan which reduces standing water, larger drain connections, improved coil design for better cooling and dehumidifying performance, coil is offset from drain pan edge to ensure all condensation is caught in the pan, redesigned piping so the bypass valve is clear of dripping condensation, pressure test ports for troubleshooting, and the new 24,000 BTU/hr unit uses a high-efficiency, internal-motor blower for quieter operation. On units with auxiliary (electric) heat, the new heater design allows removal from the top or side for access or servicing.

Options:

- Electric heat with two-stage electric heat overload (no thermo-fuse), heater assembly accessible from top or side.
- Electric heat option may be added in the field
- Right-hand water connections
- Available without bypass valve
- Pre-rotated blowers
- Corrosion resistant coated evaporator coil
- 3ph electric heat available

Key Benefits

- Compact design; large coil shroud volume for optimum performance.
- High-efficiency internal-motor blower, except model AT4F. Blower can be rotated in the field.
- Integrated 3-way bypass valve with easy-change power head.
- Modulating flow control to ensure proper water distribution to all units.
- Sloped, positive-flow, anti-slosh drain pan with anti-fungal foam insulation.
- Two ½" FPT drain connections on back of pan within footprint of unit.
- Integrated chassis with vibration isolation mounting feet.
- Remote air bleeder on 6' (1.8m) of flexible tubing with ball valve.
- Washable air filter included. Micro-Particle Anti-Allergenic air filters available.
- Large, remote electrical junction box with 6' (1.9m) wire harness.
- 24k unit with high-efficiency internal-motor blower.
- Water pressure test ports for troubleshooting.
- Allowance for connecting variable fan speed drives.
- Rotatable blowers.
- ISTA certified packaging.
- Change-Over Stat (COS) is now sold with the new AT power/logic box (Model PLTX-HVSTAT) which also includes a TSEP10.

