

— AIR HANDLING EQUIPMENT —**SECTION #7**

INSTALLATION, OPERATION AND
MAINTENANCE INFORMATION
FOR:
STOCK FAN COIL UNITS
HORIZONTAL & VERTICAL

CALL US FIRST**USA COIL
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DIRECT DRIVE UNITS
XHD/WHD AND XVD/WVD SERIES

OPERATION AND MAINTENANCE INSTRUCTIONS

START-UP

Before starting the unit, complete the following check:

1. Check that the unit is mounted securely to the floor or ceiling support rods.
2. Check that unit is level.
3. Check the ductwork connections.
4. Check the coil connections.
5. Check the condensate drainpan connections.
6. Secure all electrical connections at their terminals.
7. Ensure that all filters and unit panels are in place.

USA COIL & AIR does not provide any controls — be sure to save the wiring diagrams and instructions that come with the controls and attach to this sheet for future reference.

MAINTENANCE

The following check list is provided as a recommended maintenance schedule. Detailed instructions for specific maintenance procedures are given after the check list.

WARNING: DISCONNECT ELECTRICAL POWER AND ALLOW ALL ROTATING EQUIPMENT TO STOP BEFORE SERVICING THE UNIT. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY OR DEATH FROM ELECTRICAL SHOCK OR ENTANGLEMENT IN MOVING PARTS.

Each Month:

1. Inspect the unit air filters. Clean or replace clogged filters.
2. Check the drainpan to be sure it is clean and free to carry the flow of condensate through the drain lines.

Each Year:

1. Oil the fan motor.
2. Inspect the unit casing for chips or corrosion. Clean or repair to protect unit.
3. Inspect the fan wheel and housing for damage. Rotate the fan wheel manually to be sure no obstructions block the movement.
4. Check the coil for leaks at all connections. Inspect the coil fins for excessive dirt or damage. Remove dirt and repair fins.
5. Clean and tighten all electrical connections.

DRAINPANS:

The drainpan and the drain lines should be cleaned to allow condensate flow. Remove any accumulation of residue from the drainpan and inspect for rust and holes. Relevel the drainpan to help promote proper draining.