



UltraGuard SS 316 Coatings

COIL MAINTENANCE REQUIREMENTS

Maintenance

The maintenance is conducted with a High Pressure washer. The frequency of cleaning depends on the pollution conditions of the environment and location of the equipment. Refer to the Coating Warranty Registration Document for the maintenance frequency for each unit.

Tools and chemicals

1. Vacuum cleaner, high capacity, water resistant with a brush top.
2. A Pressure washer or 60 to 80 gallons an hour.
3. Use UltraClean coil detergent as cleaning agent. This is environmentally safe and can be disposed of in the sewer system. It does not affect the coating or other steel parts.
4. Do not apply non-pH neutral cleaning agents or the warranty will be void.

Cleaning procedure

1. Disconnect/isolate power supply.
2. Remove panels or fans to allow access to both sides of the coil.
3. Align any fins that are bent using appropriate fin comb.
4. Clean exterior of coils with vacuum cleaner and soft brush.
5. Using the pressure washer system and UltraClean coil detergent at a 10:1 ratio, start cleaning the coil from top to bottom following lateral movements along the rows of tubes.

6. Keep the pressure washer lance in line with the fins to avoid bending or flattening of the fins. (Tip: Start washer away from fins and move closer after initial start, washer will start with high pressure initially.)
7. Move pressure washer lance to approx 4 inches from face of coil and angle down slightly.
8. Water and soap solution should flow freely out the other side of the coil.
9. Clean from both sides of the coil.
10. Inspect the coil, if not satisfied repeat the process.
11. Re assemble all panels and fans.
12. Check that electrical box is safe and dry and check it is safe to restart unit before reconnecting power.
13. Clean jobsite and dispose of all materials in the correct method.

- Always stay in line with the fins
- Move smoothly side to side and use at least 1 gallon per square foot
- Always start cleaning from the opposite direction of normal airflow to prevent fixing of dirt in between the fins

The application will determine the quality of the degreasing process. If you do not feel confident with the end results repeat the process or contact IAIRE.

iAIRE, LLC