

Hydronic Radiator Annual Maintenance Guide

Regular maintenance of hydronic radiators is crucial to ensure their efficient operation and longevity. An annual maintenance routine helps identify potential issues early and ensures the system operates efficiently throughout the year. Below is a comprehensive guide for the annual service of hydronic radiators, in addition to this we recommend the radiators are cleaned as per the Radiator Cleaning Guide which can be found on our website ([HERE](#))

1. Visual Inspection:

Perform a thorough visual inspection of all radiators and associated pipework. Look for signs of leaks, corrosion, or damage in the radiators, valves, and pipes. Check for any unusual noises or vibrations during operation.

2. Check Filters and Strainers:

Inspect and clean any filters and strainers in the system to remove debris or sediment. Dirty filters can restrict flow and reduce the system's efficiency.

3. Pressure Check:

Check the system's pressure levels and ensure they are within the recommended range. Low pressure may indicate a leak, while high pressure can stress the system components.

4. Bleed Air from Radiators:

Bleed any trapped air from the radiators to ensure proper water circulation and prevent cold spots. After bleeding, repeat the pressure check to maintain optimal pressure levels.

5. Check System Inhibitor Levels:

Inspect and verify the levels of the system inhibitor. The inhibitor is crucial for preventing corrosion and scale buildup within the system. Follow the manufacturer's guidelines to ensure the correct amount of inhibitor is added to the system.

6. Inspect Radiator Valves:

Check all radiator valves to ensure they are functioning correctly. Confirm that they open and close as intended. Replace any faulty valves promptly.

7. Review System Controls:

Check and update the system's control settings if necessary. Ensure that thermostats and other control devices are functioning correctly.

8. Document Findings:

Record all maintenance activities, findings, and any necessary repairs or adjustments made during the service. This documentation will be valuable for future reference and ongoing maintenance planning.

Regularly performing these maintenance tasks will help keep your hydronic radiators in optimal condition, ensuring efficient operation and extending their lifespan.