

AIR AND WATER QUALITY

Maintaining high-quality water and eliminating air in hot water radiator systems and piping is critical for efficient, quiet and long-lasting heating performance.

Without proper maintenance, air pockets and poor water chemistry lead to rust, sludge buildup and noise, reducing the life of your equipment.

AIR QUALITY

Air trapped in radiators prevents hot water from filling the radiator fully, ultimately reducing heating performance. Air contains oxygen, and when that is in the system, rusting accelerates.

- Bleed radiators regularly to remove trapped air.
- Maintain proper water pressure to avoid air infiltration.
- Install a Flow-through Air Eliminator.
- Minimize oxygen entry. Common causes include non-barrier PEX tubing, micro-leaks, automatic air vents pulling air in, and frequent draining.
- If you have to refill the system, purge air completely afterwards.

WATER TREATMENT*

- Install a Pot Feeder/Dirt Collector to apply chemical treatments and collect debris.
- Use an oxygen scavenger and a corrosion inhibitor. These are strongly recommended to extend equipment life.

WARRANTY CONDITIONS FOR RUST-RELATED CLAIMS

To qualify for a warranty claim due to rust spots, you must provide:

- Proof of air elimination (system must have an Air Eliminator)
- Proof of chemical treatment.*

*For commercial, large building or multi-unit residential properties/apartment buildings.