

HOT-WATER SYSTEM TROUBLESHOOTING CHART

Problem	Possible Cause	Solution
System won't run	1. Problems in boiler/furnace assembly.	1. See sections on specific furnaces.
Not enough heat (entire system)	1. Thermostat set too low.	1. Raise thermostat setting five degrees.
	2. Boiler water level low.	2. Check boiler; if necessary, let boiler cool, and refill half full.
	3. Problems in boiler/furnace assembly.	3. See sections on specific furnaces.
	4. Rust or scale in boiler and/or pipes.	4. Flush boiler system. If problem persists, call a professional.
	5. Aquastat faulty.	5. Call a professional.
	6. Combination gauge faulty.	6. Call a professional.
	7. Problem in boiler.	7. Call a professional.
Not enough heat (individual radiator or convector)	1. Radiator or convector not sloping properly.	1. Check slope; prop radiator or adjust return pipes to slope toward boiler.
	2. Inlet valve closed or only partially open.	2. Open inlet valve completely.
	3. Air trapped in radiator or convector.	3. Open air vent valve to purge air.
	4. Radiator or convector blocked.	4. Make sure radiators or convectors are not blocked by rugs, drapes, or furniture.
Leaks	1. Loose pipe connection.	1. Tighten pipe connection.
	2. Worn stem packing or washer on inlet valve.	2. Replace stem packing or washer on inlet valve.
	3. Circulator seal or impeller faulty.	3. Call a professional.
Relief valve leaks	1. Air in system.	1. Drain expansion tank.
Pipes or radiator/convectors noisy	1. Cold water trapped in system.	1. Check slope; prop radiators/convectors or adjust return pipes to slope toward boiler.
	2. Circulator coupler broken.	2. Call a professional.