

SECTION IX
TROUBLE SHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
No hot water at faucet	Boiler does not operate	Refer to boiler installation instructions
		Check main service switch
		Check fused disconnect
	Circulator does not operate	Check power supply
		Replace as necessary
	Improper aquastat setting or calibration	Turn tank aquastat to appropriate setting
	Zone valve does not open (if used)	Check power supply
		Replace as necessary
	Electrical problem (relay, wiring, etc.)	Check fuse and replace
		Check circuit breaker and reset (if applicable)
		Check power supply
Water at faucet too hot	Scale build-up	If boiler, circulator, and tank are operating satisfactorily, coil may have scale coating. See Section VIII: Maintenance
	Clogged cold water filter or boiler supply strainer (if used)	Clean or replace filter or strainer
	Aquastat set too high	Lower aquastat setting. See Section VII
	Improper system plumbing	Compare plumbing to Section V: Water Connections
	Improper system wiring	Compare wiring to Section VI: Electrical Connections

TROUBLE SHOOTING GUIDE (CONT.)

PROBLEM	CAUSE	SOLUTION
Insufficient hot water	Aquastat setting too low	Adjust aquastat to higher setting. See Section VII
	Undersized boiler with no priority to domestic hot water	Rewire for priority
	Peak use of hot water is greater than tank storage capacity	Determine peak usage and compare to tank capacity
	Faulty tank aquastat	Replace aquastat
Boiler cycles more than 5 times per day in summer	Excessive demand	Reduce demand or consider larger tank
	Faulty aquastat	Replace aquastat
	Boiler high limit set too low	Increase boiler high limit setting