

Recommended Fusing:

These ultra fast blow fuses are recommended as protection for the power circuits within the controller. The power circuits contain Solid State Relays (SSR's) that are sensitive to any overcurrent or short circuit conditions. Standard fusing will not open quickly enough to protect the SSR's.

If these recommended fuses are not used and the heater power is shorted internally or to ground, it is probable that the SSR's will fail in a permanently closed state. After appropriate repairs, and upon restarting the controller, the result will be power continuously applied to the heater causing a runaway heat output condition if the SSR's have not been replaced. Using the recommended fusing should prevent this.

These fuses must be appropriately installed in series with the incoming power to the controller. Contact the fuse supplier or their distributor for installation details.

Contact Information:

Edison	1-510-601-4051	<a href="http://www.EdisonFuseGear.com">www.EdisonFuseGear.com</a>
Ferraz-Shamut	1-800-739-9145 1-918-665-6888	<a href="http://www.ferrazfuses.com">www.ferrazfuses.com</a>

CONTROLLER PART NUMBER	# FUSES REQUIRED	SSR P/N	Semiconductor Fusing	
			Edison	Ferraz
7550-E45-2	6	D4850		A50QS50
7550-E40-2	6	D4850		A50QS50
7550-E40	3	D4850		A50QS50
7550-E20	3	D4825	E50SF25	
7550-B40	2	D2450	E25S50	A30QS50
7550-B20	2	D2425		A30QS25
7550-A40	2	D2450	E25S50	A30QS50
7550-A20	2	D2425		A30QS25