

REPLACEMENT INFRARED ELEMENT



WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED.

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Quartz Tube / Metal Sheath Element Installation:

Replacement elements for Fixture F1154 and F1154A are to be installed by a qualified person. Wiring procedures and connections shall be in accordance with the national and local codes having jurisdiction.

CAUTION: Before removing or replacing a heating element, turn controls to off and turn off power to heater circuit at main disconnect panel. Lock the disconnect switch in the off (open) position. Tag the circuit "Out for Maintenance" to prevent potential lethal shock hazards. '

CAUTION: Quartz Elements can fracture and produce very sharp edges and fragments. Use extreme care when handling broken tubes or when handling new replacement elements.

1. Remove the wire guard from the heater cabinet by springing out to one side.
2. Remove the two end reflectors held in place by 2 screws each.
3. Remove existing heating element. First, note the caution statement below.
CAUTION: An old quartz heater should be treated as a hazard. The material may chip and crack as with glass to produce very sharp edges and fragments. Use appropriate measures to protect skin and eyes to reduce the risk of personal injury. When disposing of heating elements use caution and comply with local and state regulations.
4. Remove the quartz or metal tube heating element from its packaging. Do not pull the quartz element by the white ceramic terminal insulator.
CAUTION: Do not handle the Quartz tube heating elements with bare hands or with gloves that may have grease or oil present.
5. Verify the correct heating element is being installed for replacement.
Refer to the instructions below:
 - a. The wattage, voltage and part number of the replacement heating element should be compared with the markings on the heater and/or the wattage, voltage and part number from the old element.
 - b. If electrical ratings or part number differ contact an authorized factory service representative.
6. For quartz tube heating elements: A paper wrapper is used to keep debris away from the quartz tube during shipping

and installation. Leave the paper wrapping in place until the element is completely installed to prevent finger marks and/or grease and oil from transferring to the quartz tube.

7. Carefully push the element into the two clips in the end castings.
8. Attach the lead wires to the heater terminals.
CAUTION: When tightening the nuts on the terminals, ensure the terminals do not twist by holding the inner nuts when tightening the outer nuts.
9. For quartz heating elements: Remove wrapping paper.
CAUTION: Risk of Fire: Failure to remove paper wrapping from quartz heating element will result in Fire.
10. Replace end reflectors and wire guard.
11. Refer to the operation section of owner's manual.

Replacement Element Specifications

TABLE 1 – Fixture 1154 Heating Elements:

Watts	Volts	Amps	Heater Length	Quartz	Metal Sheathed
1000	120	8.3	36 " (914mm)	QT-10L	QM-10L
	208	4.8		QT-10V	QM-10V
	240	4.2		QT-10N	QM-10N
	277	3.6		QT-10Y	QM-10Y
1500	120	12.6		QT-15L	QM-15L
	208	7.2		QT-15V	QM-15V
	240	6.3		QT-15N	QM-15N
	277	5.4		QT-15Y	QM-15Y
2000	208	9.6		QT-20V	QM-20V
	240	8.3		QT-20N	QM-20N
	277	7.2		QT-20Y	QM-20Y
	480	4.2		QT-20Z	QM-20Z

TABLE 2 – Fixture 1154A Heating Elements:

Watts	Volts	Amps	Heater Length	Quartz	Metal Sheathed
3000	208	14.4	61" (1549 mm)	QT-30N	QM-30V
	240	12.6		QT-30V	QM-30N
	277	10.8		QT-30Y	QM-30Y
	480	6.3		QT-30Z	QM-30Z
4000	208	19.2		QT-40N	QM-40V
	240	16.6		QT-40V	QM-40N
	277	14.4		QT-40Y	QM-40Y
	480	8.3		QT-40Z	QM-40Z

SAVE THESE INSTRUCTIONS