

QUARTZ-RAY SERIES
ARCHITECTURAL/ENGINEERING SPECIFICATIONS

ELECTRIC INFRA-RED EQUIPMENT

1. MANUFACTURER/SUPPLIER REQUIREMENTS

- a. Electric infra-red space heaters shall be supplied and installed in accordance with the manufacturers certified installation instructions and governing codes, as shown per building drawing(s) _____. Heaters shall be QUARTZ-RAY Series, model numbers, input ranges in Kilowatts.

BAH-_____, input _____.

BAH-_____, input _____.

BAH-_____, input _____.

BAH-_____, input _____.

And/or refer to page(s) _____.

- b. Heaters shall be Design Certified by the Canadian Standards Association Int'l and bear the C.S.A. Seals of Certification for the United States and Canada. Certified to UL Standard number 1278 and Canadian Standard number 46-M1988-ELECTRIC AIR-HEATERS.
- c. The quartz tubing shall be opaque in color allowing maximum radiant heat transfer.
- d. Heaters shall operate in given voltages 120, 208, 240, & 575 single phase 50/60 Hz.
- e. Heaters shall operate in given kilowatt inputs 0.5, 1.0, 1.75, 2.5, 3.0, & 4.0.
- f. Heaters radiant efficiency shall be 76% minimum.
- g. The manufacturer shall have a minimum of 35 years of manufacturing experience producing electric infra-red heaters.

2. ELECTRIC INFRA-RED HEATERS CONSTRUCTION

- a. The heater reflector shall be constructed of specular polished aluminum.
- b. The emitter tubing shall be ½" I.D. drawn Quartz with high temperature ceramic end caps.
- c. The heater body shall be powder-coated steel.
- d. The protective grill shall be bright zinc coated.
- e. Optional factory supplied mounting brackets shall accommodate for sidewall or ceiling mounting.