

IR-140/301

**EXTENDED AREA
BLACKBODY**



**12" x 12"
230 °C**

Specifications:

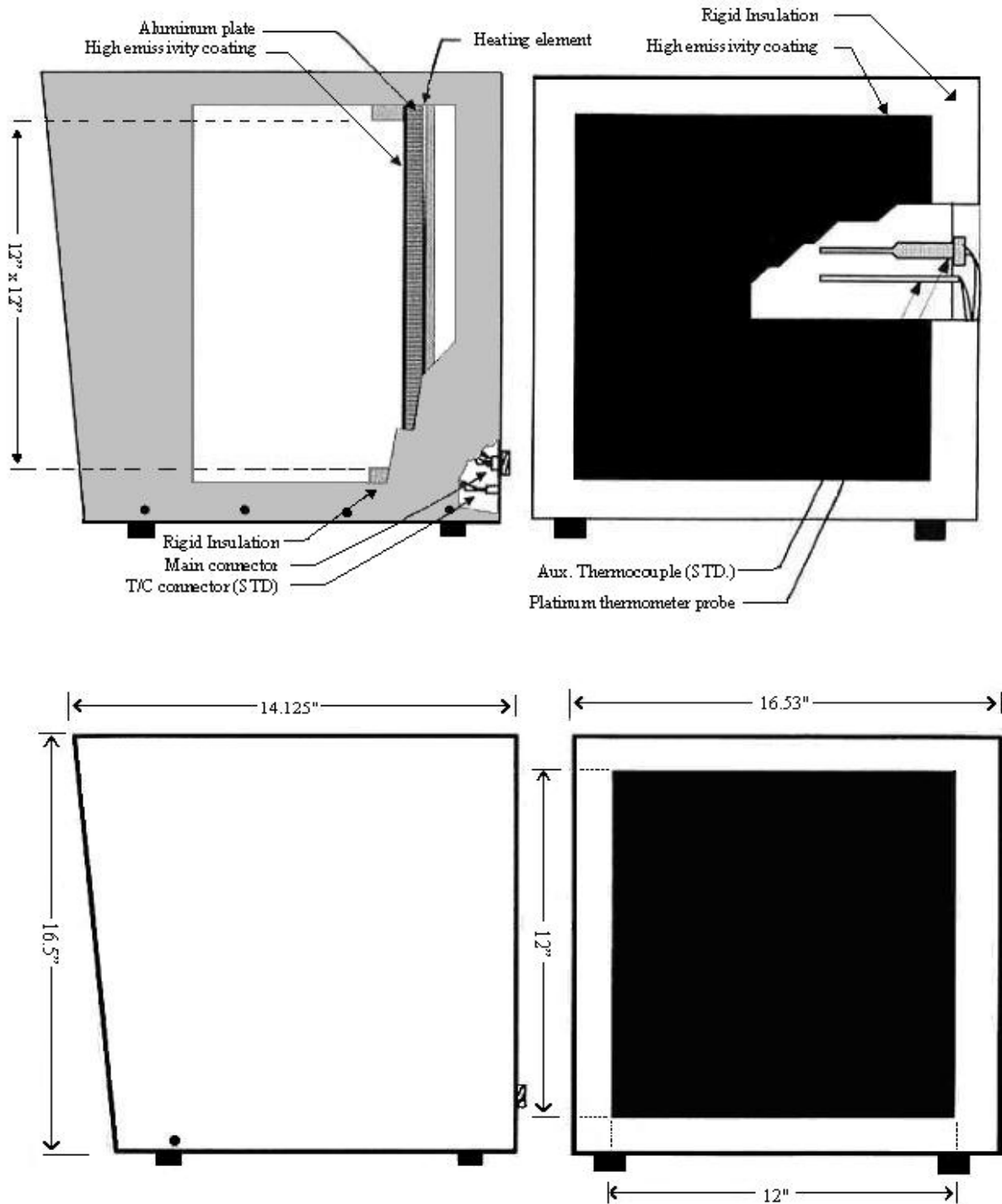
Temperature Range: Amb – 230C
Emittance Watts/Cm² (Watts): .36 (334)
Wavelength Range: 1 - 99um
Emissivity: 0.96 +/- 0.02
Emitter Size: in (mm) 12" x 12" (304 x 304)
Source Type: Extended Area
Temperature Resolution: 0.1C
Calibration Accuracy: +/- 0.2 C to NIST Standard
Stability: Short (Long) Term: +/- 0.1 C (+/- 0.2C)
Response Time: Ambient – Max < 50 Minutes
Temperature Sensors: Platinum RTD & Type T
Control Type: Active Multi-Band P.I.D.
Line Voltage: 90 to 125 or 208-240 VAC 50-60 Hz
Power Requirements: 1500 Watts Max
Cable Length: 8 Feet (2.4 m)
Dimensions: in (mm) **Source:** 17" H x 17" D x 17" W (432x432x432)
Controller: 5.1"H x 13.4"D x 12"W (130x340x304)
Warranty: 1 Year
Standard Apertures: 12" x 12" (304 x 304 mm)
Remote Interface: RS-232, RS-485 or IEEE-488/GPIB

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IR-140/301 DIMENSIONS



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