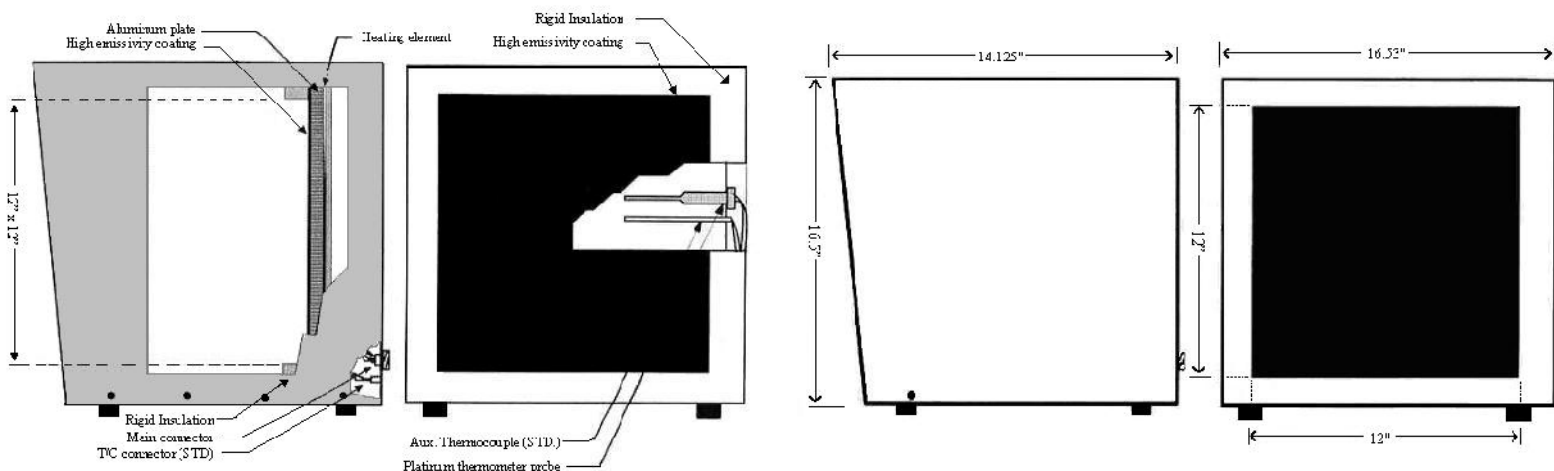


INFRARED SYSTEMS DEVELOPMENT CORPORATION

12" SERIES EXTENDED AREA BLACKBODY



Specifications:	IR-140	IR-160	IR-150
Temperature Range:	Ambient to 230°C	Ambient to 350°C	Ambient to 500°C
Emittance Watts/Cm ² :	0.36 (334 Watts)	0.85 (789 Watts)	2.02 (1876 Watts)
Wavelength Range:	1-99 μ m		
Emissivity:	0.96 +/- 0.02		
Emitter Size: in (mm)	12" x 12" (304 x 304)		
Temperature Resolution:	0.1 C		
Calibration Accuracy:	+/- 0.2 C to NIST Standard		
Stability:	+/- 0.1 C Short Term; +/- 0.2 C Long Term		
Response Time:	Ambient – Max < 50 Min		
Temperature Sensors:	Platinum RTD & Type T	Platinum RTD & Type S	
Control Type:	Active Multi-Band P.I.D.		
Line Voltage:	90 to 125 or 208-240 VAC 50-60 Hz	208-240 VAC 50-60 Hz	
Power Requirements:	1500 Watts Max	2000 Watts Max	4500 Watts Max
Cable Length:	8 Feet (2.4 m)		
Dimensions: in (mm)	17" H x 17" D x 17" W (432 x 432 x 432)		
Source:	5.1"H x 13.4"D x 12"W (130 x 340 x 304)		
Controller:	5.1"H x 13.4"D x 12"W (130 x 340 x 304)		
Warranty:	1 Year		
Remote Interface:	RS-232, RS-485 or IEEE-488/GPIB		



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