

Basic High Power E-H Tuner, WR284

GERLING

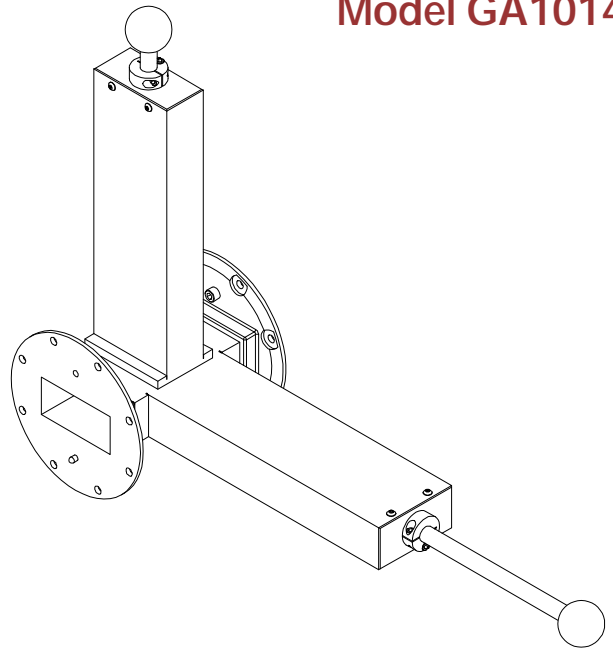
Model GA1014

GAE's family of basic high power E-H tuners are an economical means for load impedance matching in high power microwave heating systems. These E-H tuners are particularly useful under conditions of combined high power and high VSWR in which conventional stub tuners are more likely to cause voltage breakdown and arcing. The non-contacting sliding plungers of the E-H tuner employ a 1/4-wave choke structure allowing adjustment while under high power operation. The plunger is adjusted using a sliding actuator rod which can be locked in the desired position using a clamping collar. The simple yet rugged design of the E-H tuner makes them ideal for a variety of laboratory, production and OEM applications.

Model GA1014 features the popular WR284 Q-D (quick-disconnect) round flange that uses the convenient single screw clamp (model GA8410) for waveguide connections.

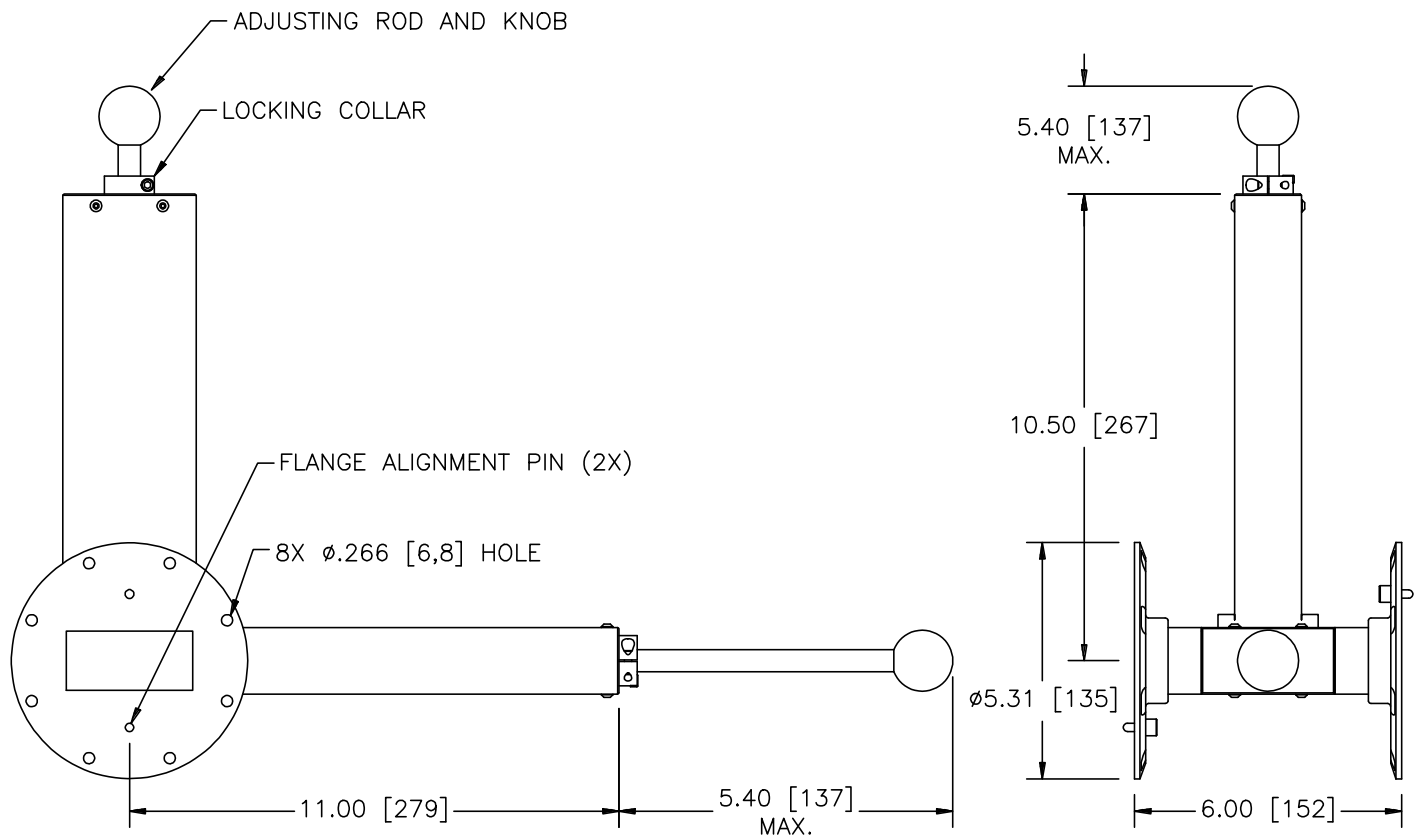
General Specifications:

Waveguide	WR284
Flange	UG584/U with taper
Frequency	2450 MHz +/- 50 MHz
Power (continuous)	3 kW
Construction	Dip brazed aluminum waveguide, steel adjusting rod
Finish	Chemical conversion coating on waveguide



Options:

- ◆ Flange interlock switches



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