

Parameter Limits

	Minimum	Maximum
Effective Temperature (K)	3000	7200
Luminosity (L_{\odot})	0.003	6.5
Stellar Mass (M_{\odot})	0.10	2.0
Planetary Mass (M_{E})	0.10	5.0

$$1 L_{\odot} = 3.845 \times 10^{33} \text{ ergs s}^{-1}$$

$$1 M_{\odot} = 1.9892 \times 10^{33} \text{ g}$$

$$1 M_{\text{E}} = 5.97219 \times 10^{27} \text{ g}$$

Note: The planetary mass will not impact the RHZs if the option of classical planetary climate models is selected.