

# Energy Sabre™ 600

## Single-Ended Radiant Tube Burner

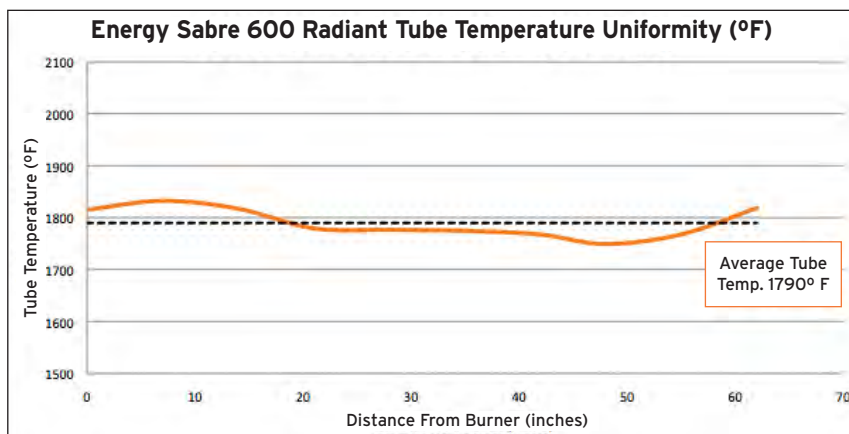
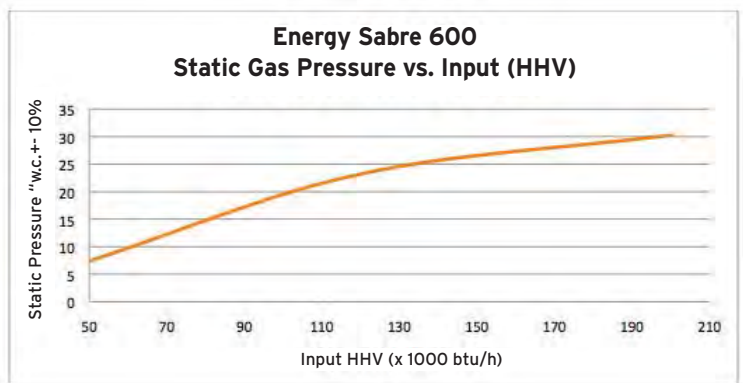
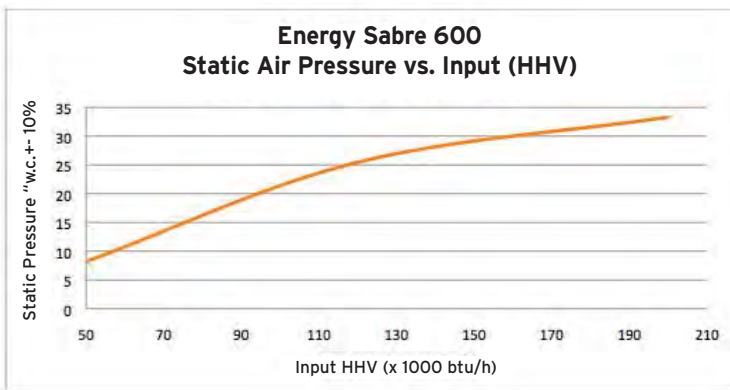
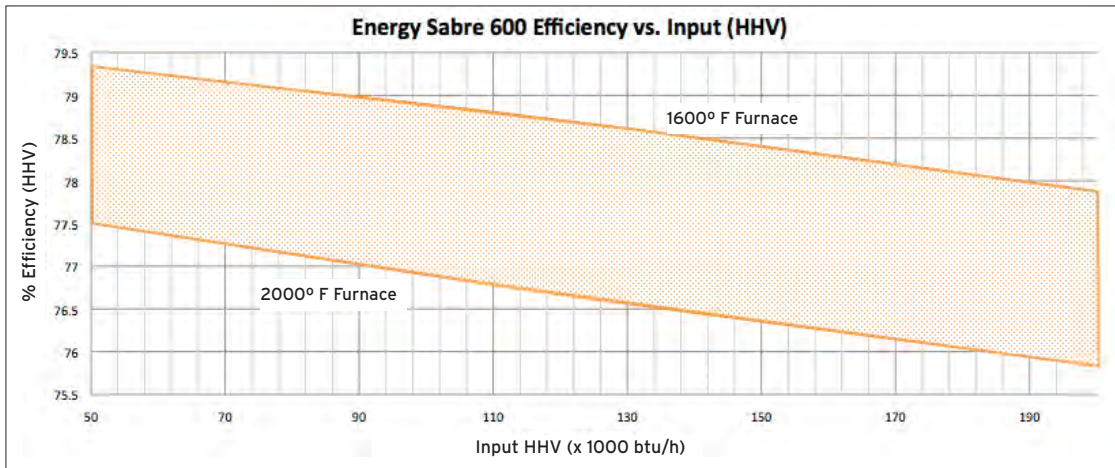
Parameter	Typical Burner Input 1000's BTU/h (kW)		
	50 (13)	120 (31.2)	200 (52)*
<b>Air Inlet Pressure, "w.c. (mbar)</b> 15% excess air at maximum input Based on 1700°F (926°C) Furnace Temperature	8.2 (20.4)	25.5 (63.5)	33.3 (82.9)
<b>Gas Inlet Pressure, "w.c. (mbar)</b>	7.4 (18.4)	23.2 (57.8)	30.3 (75.5)
<b>Maximum Chamber Temperature, °F (°C)</b> Contact Selas Engineering for higher temperatures		2000 (1093)	
<b>Piping</b>	NPT, BSP, JIS interfaces available		
<b>Ignition</b>	Direct Spark		
<b>Flame Detection</b>	Flame Rod, UV Scanner		
<b>Fuel</b> For any other gas, contact Selas	Natural Gas		
<b>Weight, lbs (kg)</b> Burner Assembly Only (mounting flange/tube set)	65 (29.5)		

\*Contact Selas Application Engineering for maximum firing rate given specific tube configuration and furnace temperature.

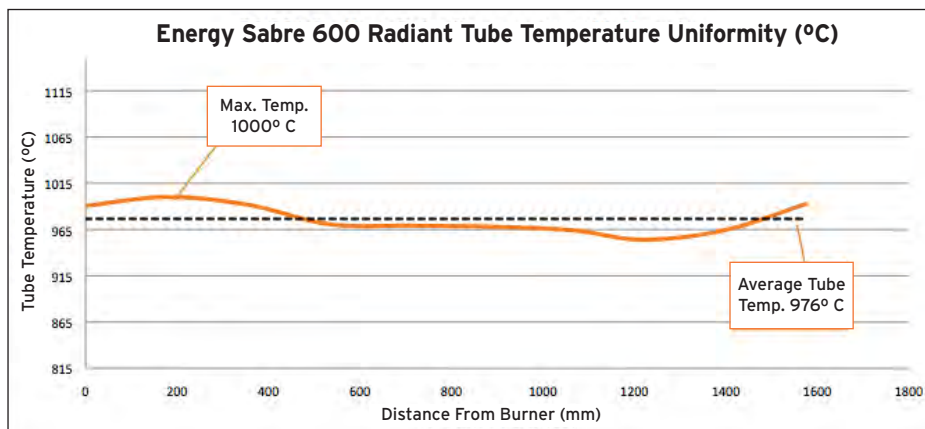
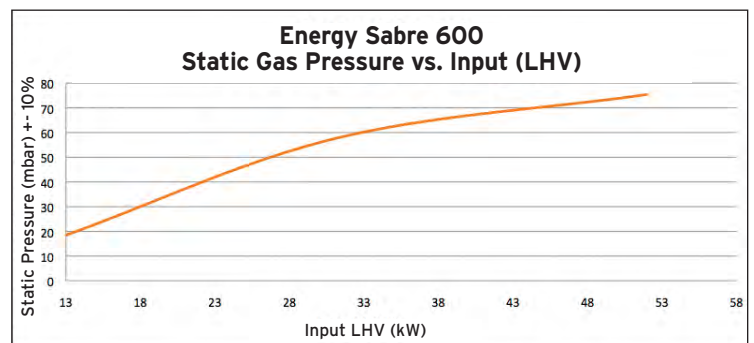
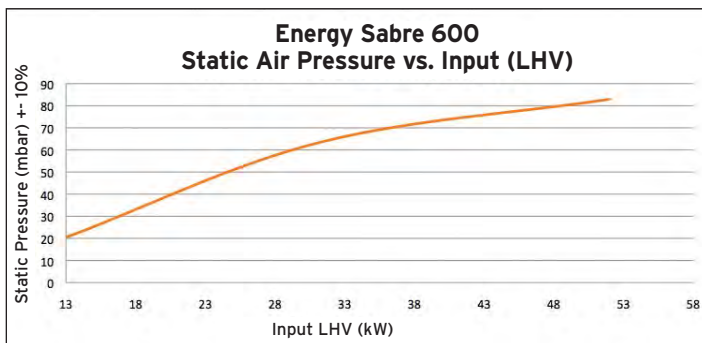
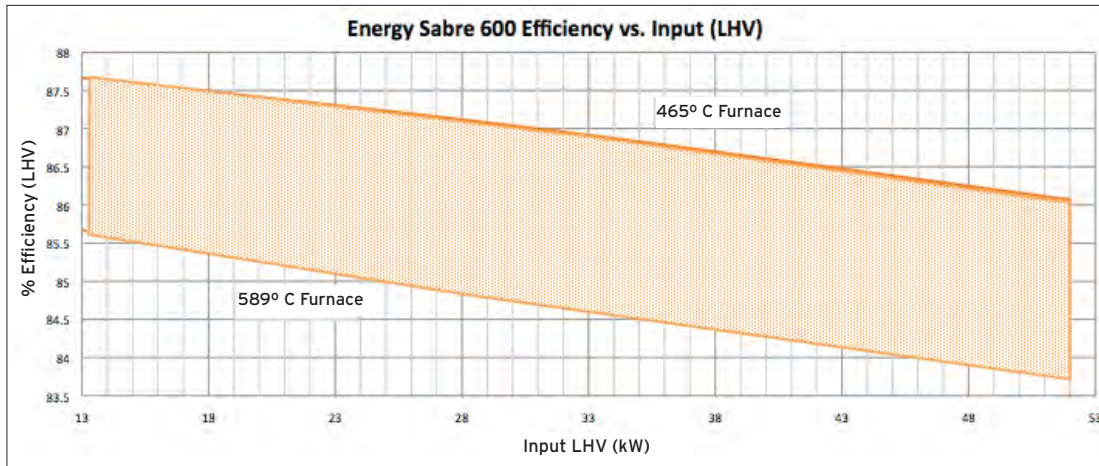
- 1) All imperial inputs are based on gross calorific values (HHV). All metric inputs are based on net calorific values (LHV).
- 2) All information is based on laboratory testing with neutral (0.0" w.c.) exhaust conditions.
- 3) All inputs are based on standard conditions: 1 atmosphere, 70°F (21°C).
- 4) Air and fuel pressure data provided is based on 15% excess air and 1700°F (926°C) furnace temperature.
- 5) Selas reserves the right to change the construction and/or configuration of our products at any time without being obliged to adjust earlier supplies accordingly.



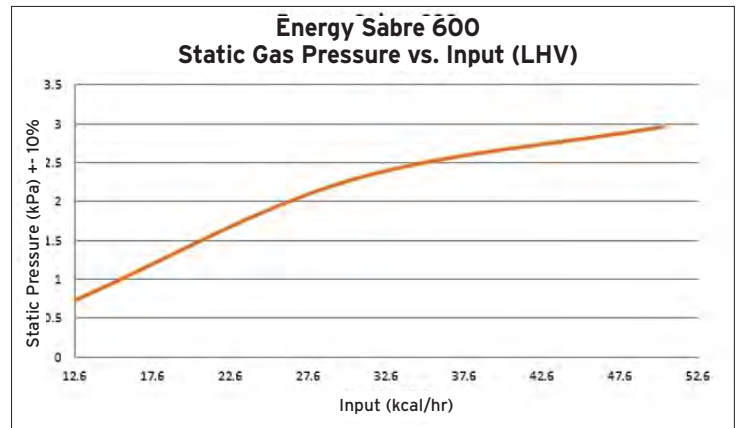
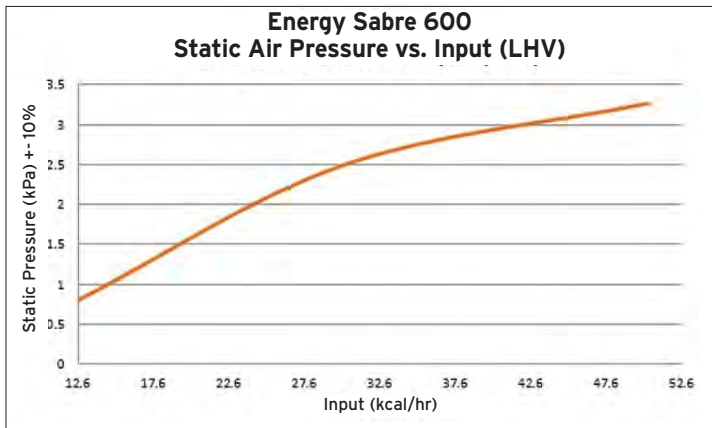
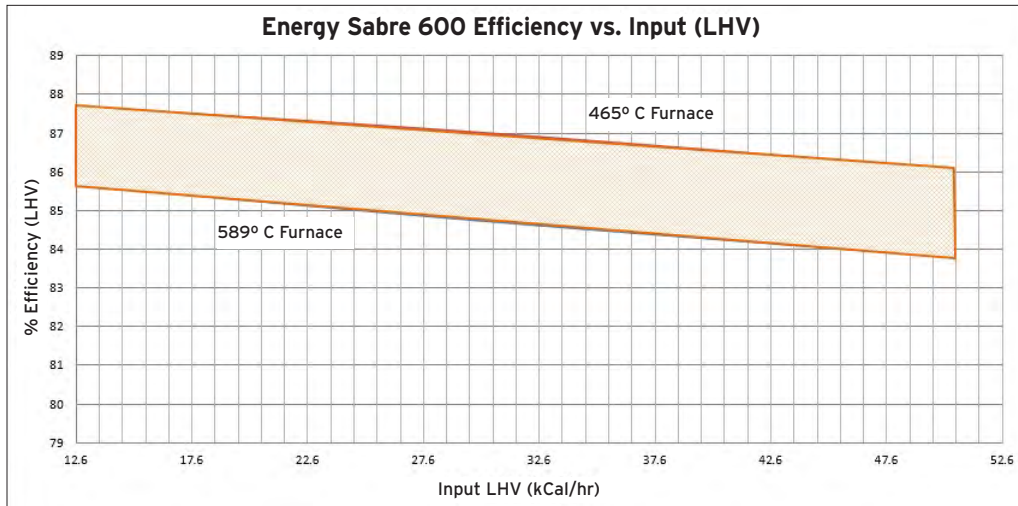
# Performance Graphs Page 1



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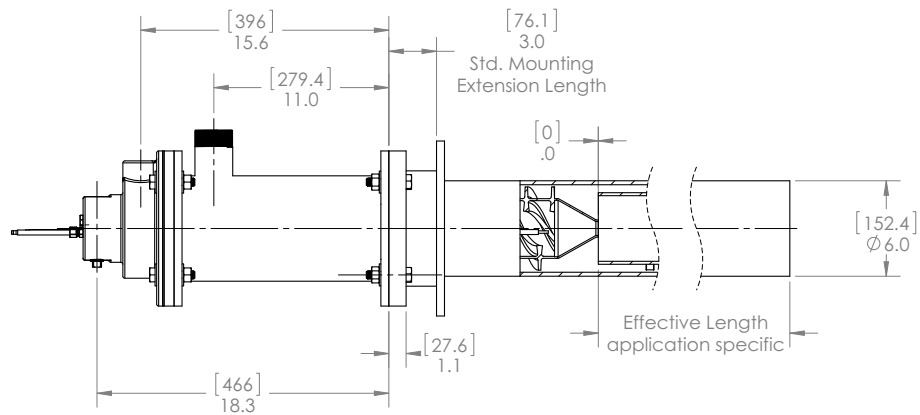
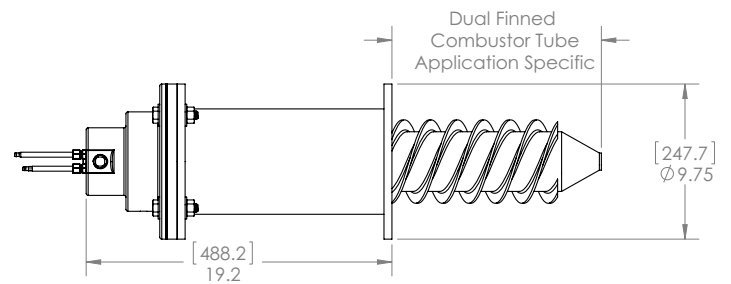
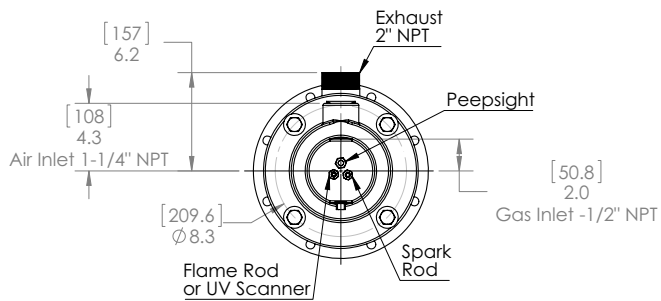


# Performance Graphs Page 3



# Mounting Options - Horizontal

Burner Mounted Horizontally  
Specifications and Dimensions  
Dimensions in [mm] inches



# Mounting Options - Vertical

## Burner Mounted Vertically Specifications and Dimensions Dimensions in [mm] inches

