

Energy Sabre 600

Single-Ended Radiant Tube Burner

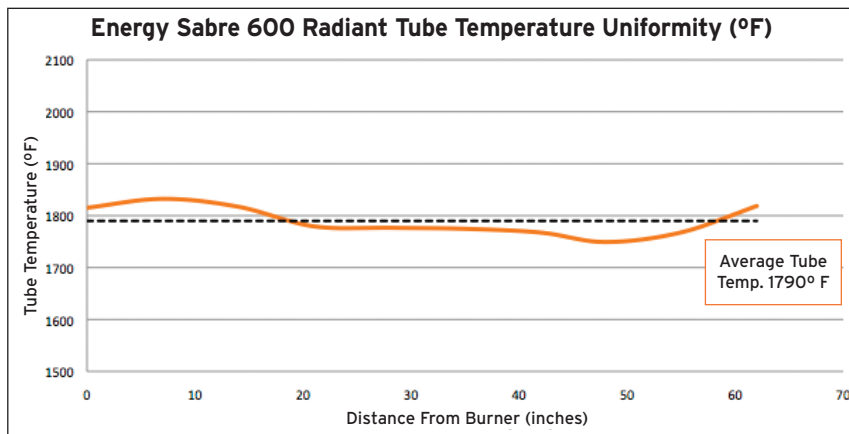
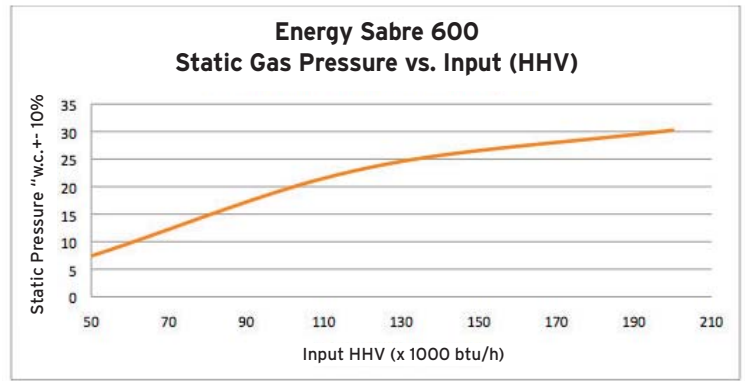
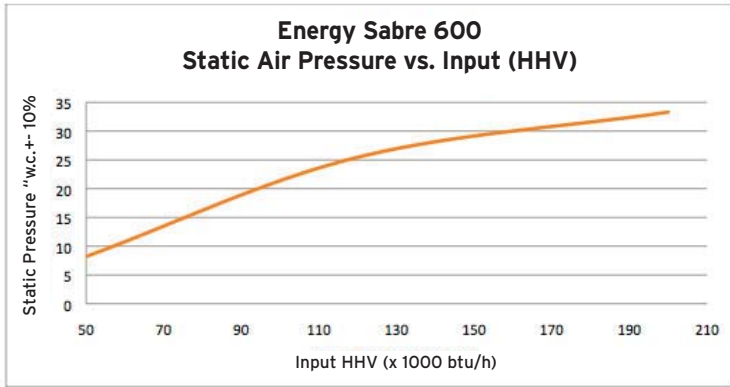
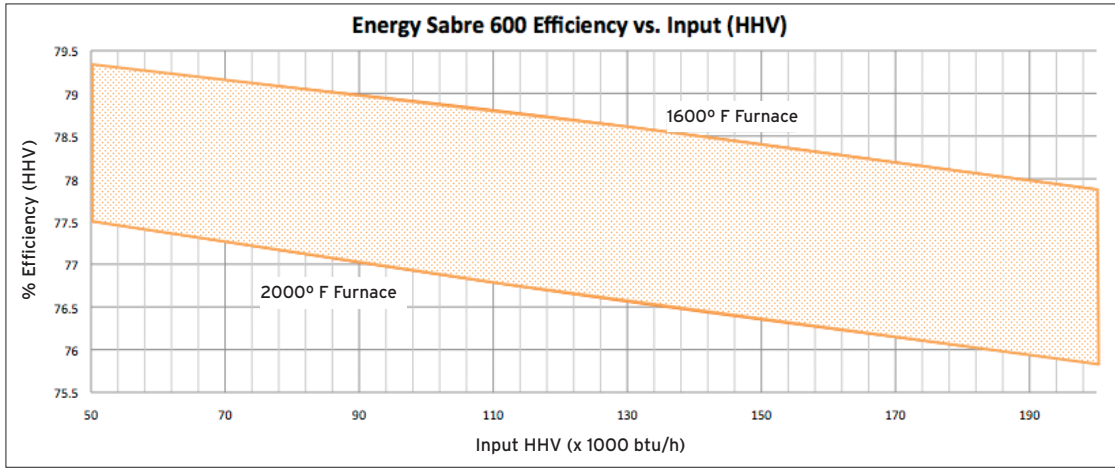
Parameter	Typical Burner Input 1000's BTU/h (kW)		
	50 (13)	120 (31.2)	200 (52)*
Air Inlet Pressure, "w.c. (mbar) 15% excess air at maximum input Based on 1700°F (926°C) Furnace Temperature	8.2 (20.4)	25.5 (63.5)	33.3 (82.9)
Gas Inlet Pressure, "w.c. (mbar)	7.4 (18.4)	23.2 (57.8)	30.3 (75.5)
Maximum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

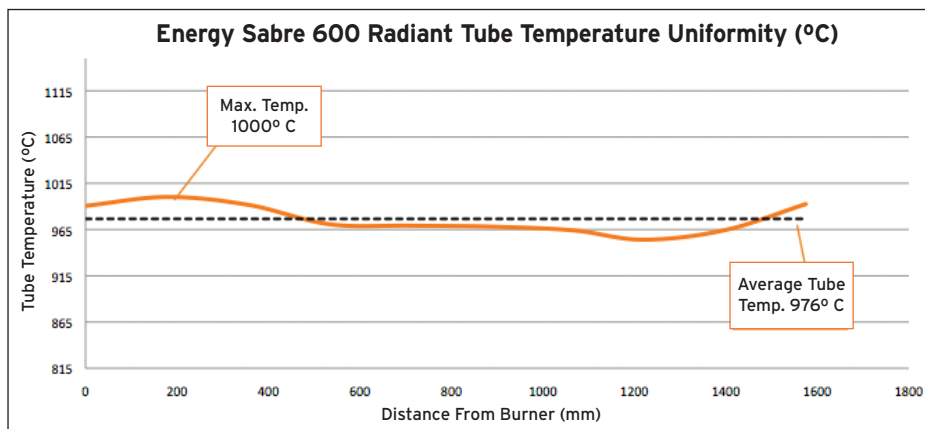
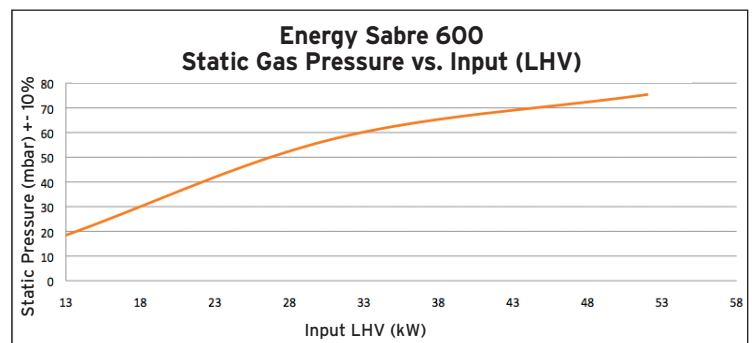
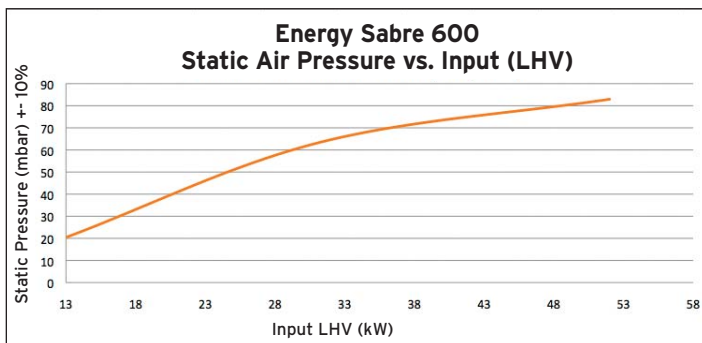
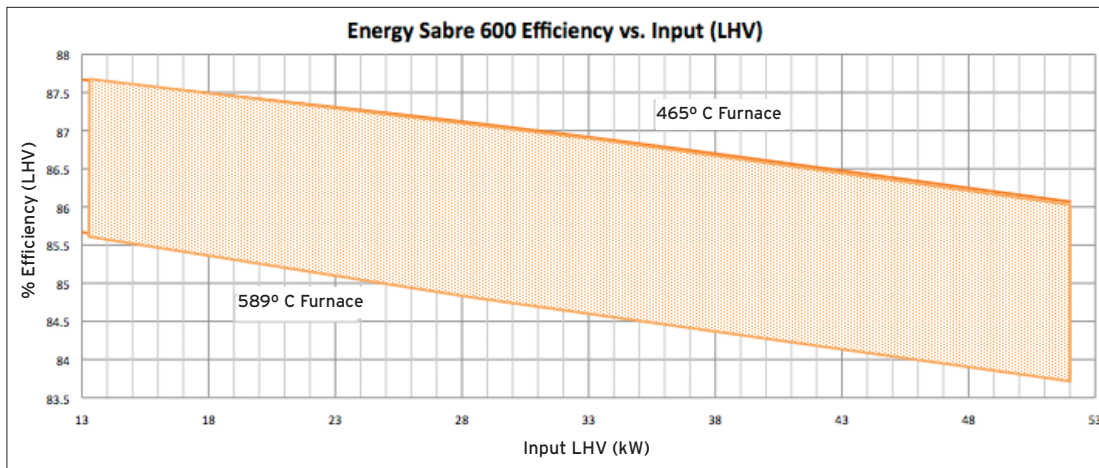
- 1) All imperial inputs are based on gross calorific values (HHV). All metric inputs are based on net calorific values (LHV).
- 2) All information is based on laboratory testing with neutral (0.0" w.c.) exhaust conditions.
- 3) All inputs are based on standard conditions: 1 atmosphere, 70°F (21°C).
- 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.



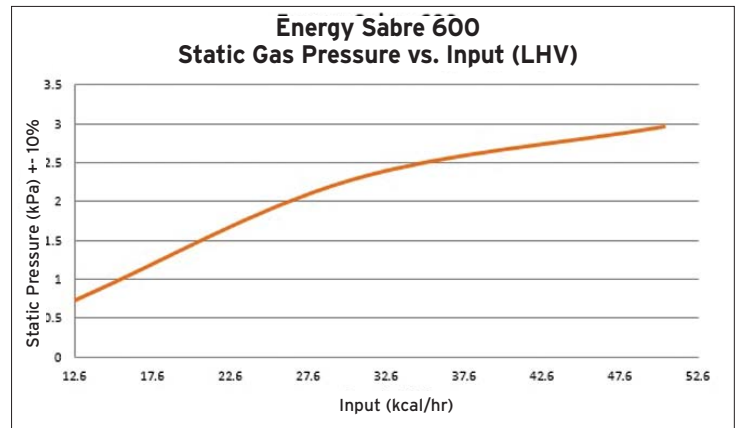
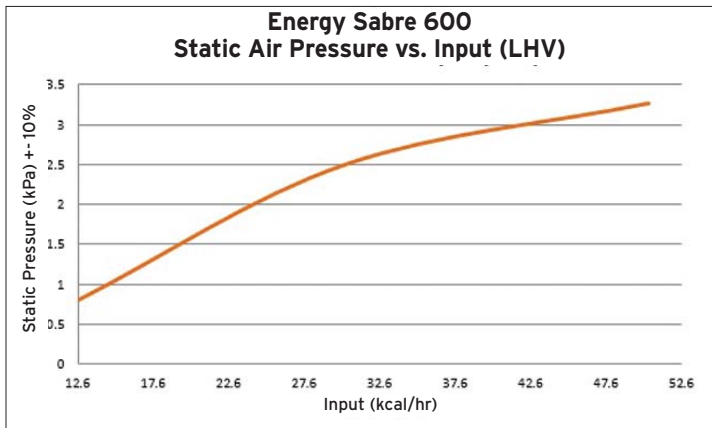
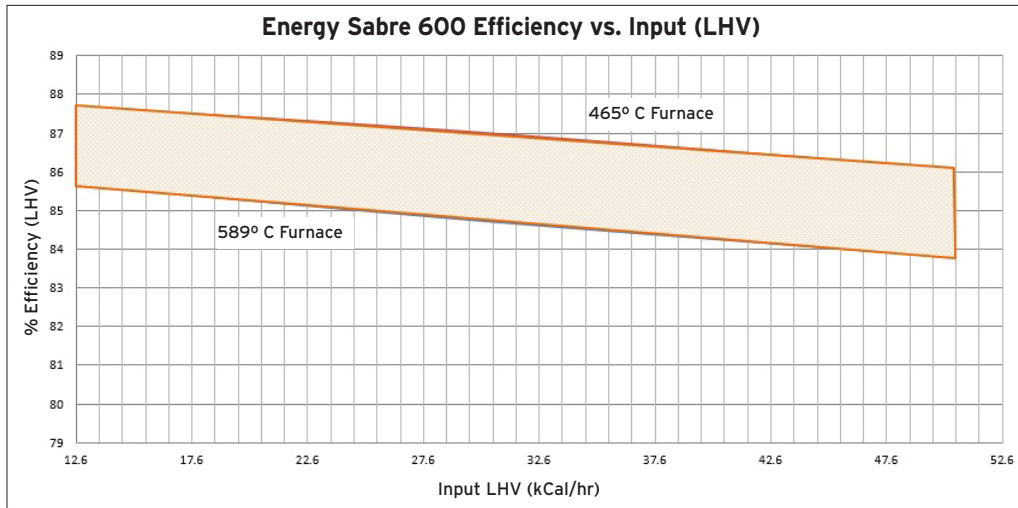
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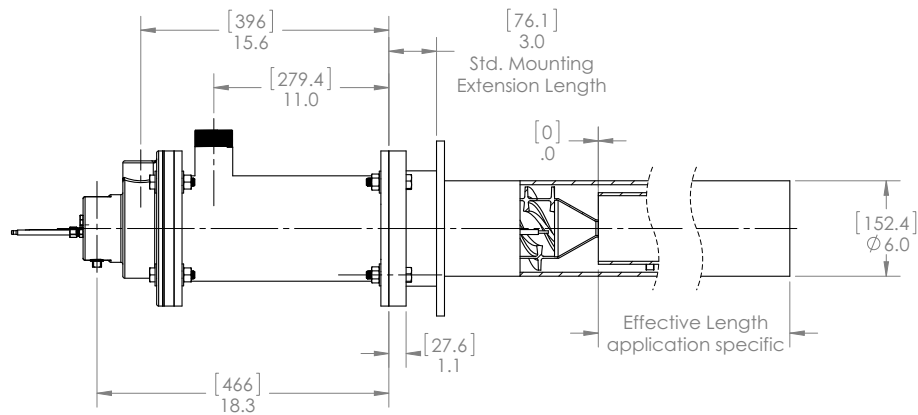
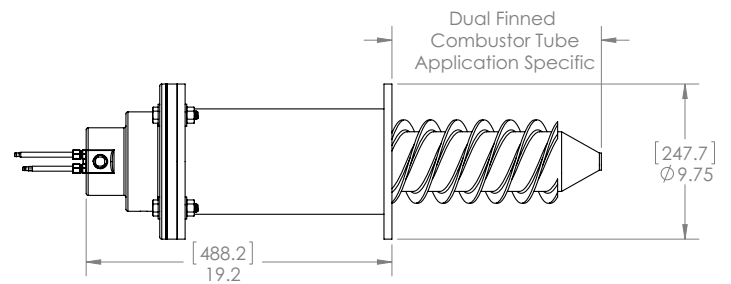
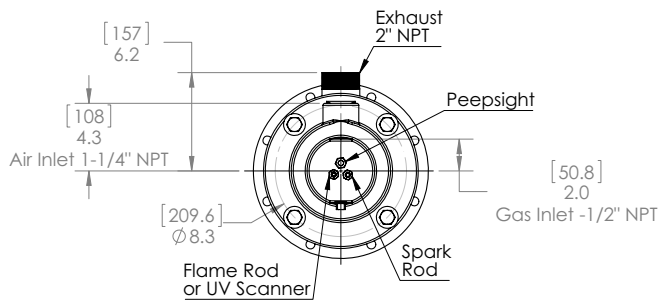


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Mounting Options - Horizontal

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



Mounting Options - Vertical

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

