

New Burner or replacement

When quoting a new burner, you will need to know if they are planning on replacing an existing one or if its for a new build.

Replacing the burner:

If they are replacing one, you will want to start by getting the make, model, and BOM of that burner. Then find out what they want to change. You can also use the below questioner to find out more of what their plans are.

New burner:

If they plan on purchasing a new burner, you will need to find out as much as you can about the application and what it will be used for. The below will also help with that.

Questions for customer to answer

- What is the maximum BTU/HR input required from the burner. ____ BTU/HR.
 - What is the minimum BTU/HR required from the burner. ____ BTU/HR.
 - What is the gas pressure at the inlet to the burner fuel train?
 - What is the static pressure in the combustion chamber that the burner will be firing into? ____ "WC, ____ positive pressure or ____ negative pressure.
 - What the shape and the dimensions of the combustion chamber that the burner will be firing into? ____ Round ____, square __ x __ x ____, Rectangle.
 - Is there any emission limitations on NOx or CO? yes ____ No ____
 - o If yes, what is the permitted limit for NOx ____ PPM corrected to 3% O2.
 - o If Yes, what is the permitted limit for CO ____ PPM corrected to 3% O2.
 - What is the area classification where the burner will be installed.
 - What is the site elevation above sea level? ____ FT. EASL
 - What is the temperature range at the burner site, minimum ____ Fahrenheit, maximum ____ Fahrenheit
 - Will the burner ever operate longer than 24 hours without shutting down?
 - What voltage is the available three phase power for the combustion blower.
 - Is there 120V 1 PH 60 Hz control power available for the combustion controls.
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