

Coiled Wire Elements - Questionnaire



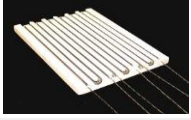

Company Name:

Date:

To facilitate ordering the correct elements and holders, please provide as much of the requested information as possible.

STEP 1 - Element Type

Select the type of element that you need

	Type A	Wire coil only	
	Type B	Wire coil wound around a ceramic support tube	
	Type C	Wire coil wound in grooves in a flat element plate	
	Type D	Wire coil wound in grooves in a round element plate	

STEP TWO - Wire Element Data

1. Has **Keith** supplied these elements for you previously?
2. If the previous answer was "yes," what was your order date and PO number?
3. How many elements do you need?

If **Keith** has never supplied these specific wire heating elements for you before, please answer as many of the following technical questions as possible:

Technical Questions:



1	What is the maximum operating temperature of your furnace or kiln? (F or C)
2	What is the furnace supply voltage? (Volts and Hz)
3	What is the number of phases connected to your furnace? (1 or 3)
4	What is the supply current per phase? (Amps)
5	What is the total connected heating power? (KW or KVA)
6	What is the element voltage? (Volts)
7	What is the element current? (Amps)
8	What is the wire gauge of the element, if known?
9	What is the element wire composition if known? (i.e. Kanthal A-1, Nik80 etc)
10	What is the element resistance from Tail to Tail? (Ohms)
11	What is the total number of elements in this furnace?
12	How many elements are connected in series?
13	How many parallel branches of elements?

14	How long is the element tail (terminal end)?
15	Is the element tail (terminal end) Single, Double, or Triple stranded?
16	If the element tail is Single, please describe the terminal end.
17	What is the outside diameter of the coiled wire element?
18	What is the overall stretched length of the element wire coil?
19	Is the element installed on a ceramic tube or in a grooved furnace wall?
20	If installed on a ceramic tube, what is the outside tube diameter and overall tube length?
21	How many ceramic tubes are used per element?
22	If element is installed in groove what is the groove diameter and groove length?
23	How many grooves are filled by each element?


STEP THREE - Ceramic Holder Data

Provide some information on the type of ceramic element holders you need:

For Type B Ceramic Holders:

	
Type B Holder - Element and tube only	Type B Holder - With open grooved tube support
1	What is the overall tube length?
2	What is the tube outside diameter?
3	How many tubes do you need?
4	Do you need open grooved tube supports?
5	How many tube supports do you need?

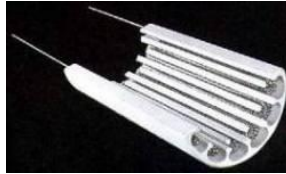
For Type C Ceramic Holders:

<p>Type C Holder Three elements are wound into this flat ceramic element plate.</p>	
1	What is the ceramic plate width?
2	What is the ceramic plate length?
3	What is the ceramic plate thickness?
4	How many elements are in the ceramic plate?
5	How many ceramic plates do you need?

For Type D Ceramic Holders:

Type D Holder

One element is wound into this 1/2 round ceramic element plate.



1	How many plates make a complete cylinder?
2	What is the cylinder inside diameter?
3	What is the cylinder outside diameter?
4	How many elements are in each round plate?
5	How many round ceramic plates do you need?