



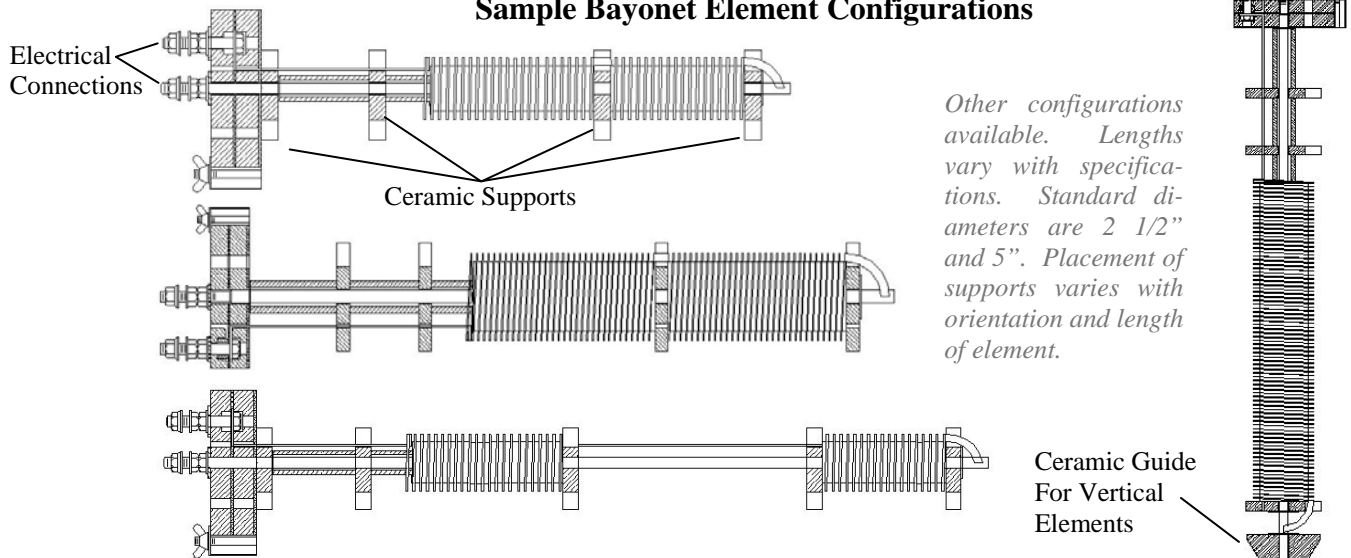
Bayonet Heating Elements

Features—

- Each element is custom designed to the intended application based on the furnace configuration and capacity. Furnace temperature, available voltage, desired wattage and material selection are all used in the computer assisted design process.
- Bayonet elements are available with ribbon alloy and watt densities for furnace applications as high as 1800°F.
- Mounting can be horizontal or vertical. Heat distribution is selectively located according to each application's requirements.
- Inspection and checking of the elements can be performed outside the furnace. Locating a failed element can be done quickly without cooling the furnace.*
- Element replacement is fast and easy. Element changes can be made while the furnace is hot. All electrical and replacement connections can be made outside of the furnace. No field welds are necessary; simple nut and bolt connections allow for quick replacements. Replacement is normally completed in about 30 minutes.
- When heating elements are required for reduced atmosphere applications, they may be placed within a sealed tube.
- Repairing a SECO/WARWICK bayonet element may be an economical alternative. Consult us for current pricing and repair options.



Sample Bayonet Element Configurations



Other configurations available. Lengths vary with specifications. Standard diameters are 2 1/2" and 5". Placement of supports varies with orientation and length of element.

SECO/WARWICK provides bayonet elements for furnaces manufactured by other companies. They can also be used to convert fuel fired furnaces to electrically heated applications.

**Although elements can be changed when the furnace is hot, SECO/WARWICK suggests that extreme caution be used when changing an element in a hot furnace. When feasible elements should be changed when furnace is cool and not in use. **The latest design, materials and equipment specifications should be obtained from the company before any reliance is placed on the enclosed since changes may occur due to product improvement.*

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