

Choosing a cartridge heater:

If possible email all information to mail@sensemaster.co.uk with additional pictures of the product to assist identifying.

1/ If you are replacing an existing Watlow Cartridge Heater please provide Sensemaster with the full part code that is on the original heater.

As UK distributors for Watlow Sensemaster have access to the online e-solutions tool that has all the information required to provide a quote for replacement.

2/ If you do not have a Watlow heater or part number, and are looking for an alternative, then please provide full specification of the heater you are looking to replace.

2a/ Diameter of the heater, preferably with a Vernier gauge for accurate measurement?

2b/ Length of the heater from tip to lead exit?

2c/ The Voltage the heater will be running on?

2d/ The wattage required?

2e/ Pin only or lead exit, if lead state type of lead, typically PTFE (200 degrees C), Fiberglass (250 degrees C) or High temperature (450 degrees C)?

2f/ The length of lead?

2g/ The orientation of exit, straight or 90-degree angle? (Angled exit not available on 1/8 inch diameter)

2e/ The process temperature the heater will be typically running at?

A brief description of operating parameters can be an asset to aid selection, such as heating a block of steel 100 x 100 x 20mm from 15 degrees C to 60 degrees C in 10 minutes.

It is important to identify the medium to be heated as all substances have different thermal properties that will require different heater thermal parameters to achieve your goal.

If you can supply weight details of the medium to be heated this will also help in configuration.

Various online tools are available to assist configuration but they are not a guarantee that the heater configured will achieve your targets but will give a very good estimation & help to assess your needs.

Please inform of quantity requirement, manufacturing is carried out in the USA, Singapore, and Mexico. There may be a minimum order quantity dependent on the heater required.

Sensemaster website has specific listings for the various Watlow stock cartridge heater offerings:

<https://sensemaster.co.uk/cartridge-insertion-heaters/>

All Watlow stock cartridge heaters are available in Imperial sizes, 1/8, 1/4, 3/8, 1/2, 5/8, and 3/4 inch diameter. Metric heaters are available but typically have a longer lead time for delivery.

Use Sensemaster online information to build your required cartridge heater parameters to help us help you to obtain a quote for your configured product.