Diffusion Furnace Heater RFQ Checklist

For semiconductor and photovoltaic multi-zone heater assemblies.

Process tube and hot zone

- Process-tube OD and clearance
- Overall and heated length
- Orientation and target profile
- Operating temperature and cycle

Zones and electrical definition

- Independent zones
- Boundary and length of each zone
- Voltage, power, current and phase by zone
- Control, thermocouples and lead direction

Mechanical integration

- Outside diameter and envelope
- Section joints, supports, lifting and access
- Terminal boxes, connection points and shell
- Equipment drawing and interfaces

Project scope

- Prototype or repeat quantity
- Inspection and test records
- Packing orientation
- Destination and delivery window

Submission

Send the completed information with drawings or reference photographs to **info@synthe-corp.com**.

Order specification

State the required grade, dimensions, density, construction and operating conditions with your inquiry. The quotation and approved drawing identify the supplied configuration, electrical values and agreed inspection criteria.

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