Customers can now save thousands of dollars with off-the-shelf designs since there are no additional costs for engineering, tooling or casting mold creation.

STANDARD 200mm & 300mm Standard Aluminum Platen Heaters

QUICK SOLUTIONS FOR WAFER FABRICATION

This platen heater design is ideal for prototype machine trials or engineering experiments as well as temporary repairs until custom heaters can be manufactured. CAS platen heaters provide a complete turnkey solution and are available in anodized finish, or in bare machined aluminum 356 with optional add-on features. The stock anodized cast aluminum platen heaters are complete, ready to install parts and are available for shipment within one business day.

APPLICATIONS

Semiconductor Processing  Semiconductor research and development

FEATURES AND BENEFITS

Stock delivery
WR200-2A and WR300-2A ship within one business day to reduce down time Assures a cost effective option for 200 and 300 mm wafer processing

World class performance
“Cast-in” reliability assures long product life Operating temperatures up to 752°F (400°C) for a wide range of process applications Surface temperature uniformity of ±0.3% of set point assures wafer processing accuracy

SPECIFICATIONS

Standard Features (All Models)
Material: Aluminum alloy 356
Surface Flatness: < 0.0005 in. (0.013 mm)
Surface Temperature Uniformity: ±0.3% of set point based on measurements at laboratory ambient conditions
Cleaning: Ultrasonic wash followed by IPA wipe down
Hard Anodize Thickness: 0.002 in. (0.05 mm) per MIL-A-8525, Type III, Class I (models WR200-2A and WR300-2A only)
**MODEL WR200-2A**

200mm Anodized Platen Heater

**SPECIFICATIONS**

**MODEL WR200-2A**  
**MODEL WR200-2B**

Diameter: 9 in. (228.6 mm)  
Thickness: 1.25 in. (31.75 mm)

(3X) Lift Pin Holes diameter 0.125 in. (3.2 mm) equally spaced 120° on 3.25 in. (82.55 mm) perfect circle diameter

(1X) Thermocouple hole diameter 0.066 in. (1.68 mm) with 1/16 NPT tap for fitting

“Cast-in” cable heater rated 1681 W at 208V (or 2241 W when operated at 240V)

**DIMENSIONS**

**ORDERING INFORMATION**

**WR200-2A Series Platen With Hardcoat Anodize Finish:** Reference drawing above  
Rating: Typical 208V, 1681 W, Maximum 240V, 2241 W, Part is ultrasonic washed followed by IPA wipe down prior to packaging, Delivery 6-8 wks

<table>
<thead>
<tr>
<th>Item:</th>
<th>Code Number:</th>
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</thead>
<tbody>
<tr>
<td>No thermocouple included</td>
<td>WR200-2A</td>
</tr>
<tr>
<td>Thermocouple, Type K, 6 in. (152 mm) sheath + fitting</td>
<td>WR200-3A</td>
</tr>
<tr>
<td>Thermocouple, Type J, 6 in. (152 mm) sheath + fitting</td>
<td>WR200-4A</td>
</tr>
<tr>
<td>Thermocouple, Type K, 12 in. (305 mm) sheath + fitting</td>
<td>WR200-5A</td>
</tr>
<tr>
<td>Thermocouple, Type J, 12 in. (305 mm) sheath + fitting</td>
<td>WR200-6A</td>
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</table>

**MODEL WR200-2B**

200mm Bare Machined Aluminum Platen Heater

**ORDERING INFORMATION**

**WR200-2B Series Platen With Bare Machined Aluminum Finish:** Reference drawing above  
Rating: Typical 208V, 1681 W, Maximum 240V, 2241 W, Part is ultrasonic washed followed by IPA wipe down prior to packaging, Delivery 4-6 wks

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</table>
MODEL WR300-2A
300mm Anodized Platen Heater

DIMENSIONS

ORDERING INFORMATION
WR300-2A Series Platen With Hardcoat Anodize Finish: Reference drawing above
Rating: Typical 208V, 3350 W. Part is ultrasonic washed followed by IPA wipe down prior to packaging. Delivery 6-8 wks

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<td>Thermocouple, Type J, 12 in. (305 mm) sheath + fitting</td>
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MODEL WR300-2B
300mm Bare Machined Aluminum Platen Heater

ORDERING INFORMATION
WR300-2B Series Platen With Bare Machined Aluminum Finish: Reference drawing above
Rating: Typical 208V, 3350 W. Part is ultrasonic washed followed by IPA wipe down prior to packaging. Delivery 4-6 wks

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sales engineers and 40
distributors. We cover
global markets through
our international network
of distributors based in
both Europe and Asia.
At CAS, we believe our
service and support
separate us from the pack.
We value each and every
customer. To that end, our
team of sales engineers;
account managers and
customer service
professionals strive to
achieve total customer
satisfaction. This philosophy
is embraced at every level
of the company, from the
leaders to factory floor.