



# Furnace Technologies Pty Ltd

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## Hotplates

SEM Hotplates are suitable for all routine applications. They are rugged and durable and are available in a range of sizes and types designed for temperature uniformity over the whole top surface. The bodies are of mild steel, coated with white enamel or of stainless steel supported with rubber feet.

Cast iron top units are controlled with energy regulators, maximum 500°C.  
Aluminium top units are thermostatically controlled up to 300°C – Teflon "Silverstone" coated 280°C. Solid state instruments can be fitted for finer temperature control. Stainless steel surrounds can be supplied for sand bath heating.

A separate controller is supplied for the larger model 206 Cast Iron top hotplate or for any other model when used in extremely corrosive environments. Special acid resistant element leads and 316 stainless steel is used on the heavy acid range of hotplates.

SEM heat controller can be used on any heating apparatus.

HC1 to 10 amps at 240V / HC15 to 15 amps at 240V.

### Round Type Hotplates

| Model No. | Size (cm)  | Top Plate | Approximate Max Temp | Power Rating | Phase | Control    |
|-----------|------------|-----------|----------------------|--------------|-------|------------|
| 202       | 20 cm diam | Cast Iron | 480°C                | 1200W        | 1     | Energy Reg |
| 203A      | 13cm diam  | Aluminium | 300°C                | 400W         | 1     | Energy Reg |
| 203T      | 13cm diam  | Aluminium | 280°C                | 400W         | 1     | Thermostat |



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## Rectangular and Square Hotplates

| Model No. | Size (cm) | Top Plate | Approximate Max Temp | Power Rating | Phase | Control    |
|-----------|-----------|-----------|----------------------|--------------|-------|------------|
| 204       | 23 x 23   | Cast Iron | 400°C                | 1200W        | 1     | Energy Reg |
| 204A      | 23 x 23   | Aluminium | 300°C                | 750W         | 1     | Thermostat |
| 204T      | 23 x 23   | Aluminium | 280°C                | 750W         | 1     | Thermostat |
| 204ALT    | 23 x 23   | Aluminium | 75-250°C             | 250-750W     | 1     | Thermostat |
| 201       | 46 x 26   | Cast Iron | 375°C                | 2400W        | 1     | Energy Reg |
| 201A      | 46 x 26   | Aluminium | 300°C                | 1500W        | 1     | Thermostat |
| 201T      | 46 x 26   | Aluminium | 280°C                | 1500W        | 1     | Thermostat |
| 207       | 61 x 30   | Cast Iron | 385°C                | 3600W        | 1     | Energy Reg |
| 207A      | 61 x 30   | Aluminium | 300°C                | 2400W        | 1     | Thermostat |
| 207T      | 61 x 30   | Aluminium | 280°C                | 2400W        | 1     | Thermostat |
| 206       | 61 x 50   | Cast Iron | 450°C                | 7200W        | 1     | Energy Reg |
| 206A      | 61 x 50   | Aluminium | 300°C                | 4500W        | 1     | Thermostat |
| 208       | 20 x 20   | Cast Iron | 450°C                | 1200W        | 1     | Energy Reg |
| 209       | 30 x 30   | Cast Iron | 400°C                | 2400W        | 1     | Energy Reg |
| 210       | 46 x 30   | Cast Iron | 350°C                | 2400W        | 1     | Energy Reg |

All hotplate specifications can be altered to meet customer requirements.

