



UNIVERSE HOT PLATE (CIRCULAR) AZA1059

The AZA1059 Circular Hot Plate from AZALAB is a high-performance laboratory heating solution engineered for uniform, controlled, and reliable heating across a wide range of laboratory applications. Its compact circular design ensures efficient space utilization while delivering consistent thermal distribution, making it ideal for routine as well as precision heating tasks.

Designed for chemical, pharmaceutical, research, educational, and industrial laboratories, the AZA1059 supports applications requiring stable heating conditions and reproducible results.

KEY FEATURES

Uniform Heat Distribution

- Optimized embedded heating element ensures even temperature across the entire plate surface, eliminating hot spots.

Robust Heating Surface Options

- Available in Cast Iron, Mild Steel, or Stainless Steel, offering durability and resistance to laboratory conditions.

Multiple Temperature Control Systems

- Energy Regulator (stepless control)
- Hydraulic / Bimetallic Thermostat
- Digital PID Controller (optional for high precision)





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High Temperature Capability

- Operates efficiently up to 300°C / 350°C depending on model configuration.

Compact & Stable Design

- Space-saving circular footprint
- Anti-slip feet for enhanced stability
- Balanced structure to prevent tipping

Safety-Focused Construction

- Insulated base to minimize heat transfer
- Powder-coated or stainless steel body
- Heating ON/OFF indicator lamp

APPLICATION

- Boiling and evaporation of liquids
- Heating chemical solutions and reagents
- Sample preparation and pre-heating
- Short-duration incubation processes
- General-purpose laboratory heating

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TECHNICAL SPECIFICATIONS

Parameter	Specification
Type	Circular Laboratory Hot Plate
Heating Surface Shape	Circular
Plate Diameter	150 mm / 200 mm / 250 mm
Surface Material	Cast Iron / Mild Steel / Stainless Steel
Temperature Range	Ambient to 300°C / 350°C
Temperature Control	Energy Regulator / Thermostat / Digital PID (Opt.)
Temperature Accuracy	±2°C to ±5°C
Body Material	Powder-coated Mild Steel / Stainless Steel
Insulation	High-efficiency thermal insulation
Power Consumption	500 W – 1500 W (depending on size)
Power Supply	220–240 V AC, 50 Hz, Single Phase
Indicator	Heating ON/OFF lamp
Safety Features	Insulated body, stable base, optional overheat protection