

- Multi-purpose use
- Holds interchangeable modular blocks
- Analog controls

High wattage, constant-temperature Dry Block Heaters are economical, versatile and compact. These multi-purpose units are ideal for incubation and activation of cultures, enzyme reactions, immunoassays, melting/boiling points and a wide variety of other laboratory procedures. Each of the five models accept separate interchangeable modular blocks, accommodating various sample enclosures such as micro-tubes, centrifuge tubes, vials, microplates, and PCR strips or tubes. Each block has a thermometer well for measuring block temperature. Anodized aluminum modular blocks provide superior temperature stability and heat transfer. Heaters require Talboys modular heating blocks for operation. Modular blocks are sold separately (see pages 75–77).

Operating Features:

High wattage, constant-temperature Dry Block Heaters are economical, versatile and compact.

Microprocessor Control: PID temperature controller maintains precise temperature control. Samples are heated to temperature quickly and accurately.

Adjustment Knobs: Dual temperature control knobs with dial markings from 1 to 10 for low temperature and high temperature adjustments. Low range knob adjusts from ambient to 100°C and high range knob adjusts from 75°C to 150°C.

CAUTION! To avoid possible electrical hazard, do not fill well or block opening with water or other fluids. Unit is designed as a dry bath/incubator.

Operating Conditions:

Units can be run in conditions from 18 to 33°C (64 to 91°F), 20% to 80% relative humidity, non-condensing.

Applications:

Coagulation and RH Studies.

Ordering Information:

Units include a 92" (234cm) detachable, 3-wire cord and plug (230 volt units are supplied with Euro type plug). Modular blocks are sold separately (see pages 75–77). **5 year limited warranty on parts and labor.**



949512

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See <https://www.safetyemporium.com/laboratory/dry-block-heaters/base-units/>

Size	Temperature Range	Uniformity Within the Block @ 37°C	Temperature Stability @ 37°C	Uniformity Across Similar Blocks @ 37°C	Heat-Up Time to 100°C
1 block	Low Range: Ambient +5°C to 100°C High Range: 75°C to 150°C	120 volt units: ± 0.1°C 230volt units: ± 0.2°C	120 volt units: ± 1.0°C 230 volt units: ± 1.5°C	N/A	45 minutes
2 block			120 volt units: ± 1.5°C 230 volt units: ± 2.0°C	± 0.1°C	50 minutes
3 block			120 volt units: ± 2.0°C 230 volt units: ± 2.0°C	± 0.15°C	60 minutes
4 block			120 volt units: ± 2.0°C 230 volt units: ± 2.5°C	± 0.2°C	70 minutes
6 block			120 volt units: ± 2.0°C 230 volt units: ± 2.5°C	± 0.3°C	75 minutes

Standard Dry Block Heaters

Standard Dry Block Heaters				
Block Capacity	Dimensions (L x W x H)	Electrical (50/60 Hz)	Ship Weight	Part Number
1	12.4 x 8 x 3.5" (31.5 x 20.3 x 8.9cm)	120V 0.9 amps 110 watts	5.8lbs (2.6kg)	949510
1	12.4 x 8 x 3.5" (31.5 x 20.3 x 8.9cm)	230V 0.5 amps 110 watts	5.8lbs (2.6kg)	949511
2	15.4 x 8 x 3.5" (39.1 x 20.3 x 8.9cm)	120V 1.7 amps 210 watts	6.4lbs (2.9kg)	949512
2	15.4 x 8 x 3.5" (39.1 x 20.3 x 8.9cm)	230V 0.9 amps 210 watts	6.4lbs (2.9kg)	949513
3	18.4 x 8 x 3.5" (46.7 x 20.3 x 8.9cm)	120V 1.7 amps 210 watts	8.0lbs (3.6kg)	949514
3	18.4 x 8 x 3.5" (46.7 x 20.3 x 8.9cm)	230V 0.9 amps 210 watts	8.0lbs (3.6kg)	949515
4	16.9 x 8 x 3.5" (42.9 x 20.3 x 8.9cm)	120V 2.6 amps 310 watts	8.5lbs (3.9kg)	949516
4	16.9 x 8 x 3.5" (42.9 x 20.3 x 8.9cm)	230V 1.3 amps 310 watts	8.5lbs (3.9kg)	949517
6	20.9 x 8 x 3.5" (53.1 x 20.3 x 8.9cm)	120V 3.4 amps 410 watts	10.0lbs (4.5kg)	949518
6	20.9 x 8 x 3.5" (53.1 x 20.3 x 8.9cm)	230V 1.7 amps 410 watts	10.0lbs (4.5kg)	949519

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