

The CBC-100 external thermoelectric bath cooler extends liquid bath temperature ranges by lowering and maintaining bath temperatures as much as 15 °C below ambient. The CBC-100 improves bath temperature stability when operating at test temperatures <40 °C and in high ambient temperature test environments. It is easy to use, compact and reliable.

Common Applications

- Formulated oil analysis
- Hydraulic oil analysis
- Additive analysis
- Marine fuel testing
- Base stock analysis
- Light and heavy fuel testing
- Waxes/paraffin
- Crude oil testing
- Glycols

CBC-100

External Thermoelectric Bath Cooler

For Maintenance of Liquid Bath Medium As Much As 15 °C Below Ambient Temperature

Product Features & Benefits

Improved temperature range and control

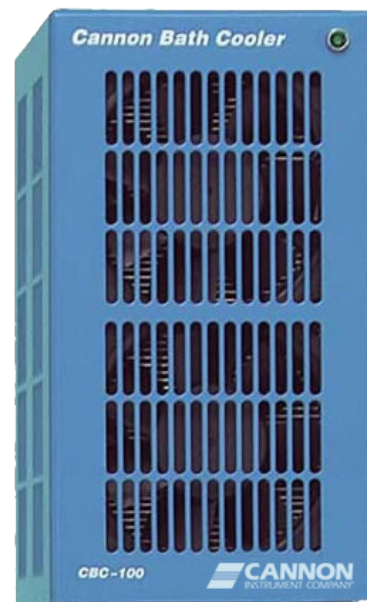
- Extends liquid bath temperature ranges by lowering and maintaining bath temperatures as much as 15 °C below ambient
- Improves bath temperature stability when operating at test temperatures <40 °C and in high ambient temperature test environments

Easy to use

- Simple installation into any liquid bath with 2 in diameter ports
- Thermoelectric cooling requires no tubing connections or refrigerant circulation
- Single switch turns the unit on and begins bath cooling

Efficient, reliable design

- One-tenth the size of standard refrigeration units
- Cooling fans are the only moving parts
- Power consumption only 250 watts
- CANNON reputation ensures reliability and dependable support



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CBC-100 External Thermoelectric Bath Cooler

Ordering Information

CBC-100 External Thermoelectric Bath Cooler consists of a cooling unit and power supply.

Description	Part #
100-240 VAC, 50/60 Hz with U.S. plug	9726-D05
100-240 VAC, 50/60 Hz with non-U.S. plug	9726-D10



Product Specifications

Dimensions (W x D x H)	Cooling unit (without probe): 10.8 cm x 19.0 cm x 22.2 cm (4.25 in x 7.5 in x 8.75 in) Cooling Unit (with probe): 10.8 cm x 19.0 cm x 57.2 cm (4.25 in x 7.5 in x 22.5 in) Power supply: 12.1 cm x 24.1 cm x 10.2 cm (4.75 in x 9.5 in x 4 in)
Weight	3.9 kg (8.5 lb)
Shipping dimensions (W x D x H)	91.4 cm x 33 cm x 28 cm (36 in x 13 in x 11 in)
Shipping weight (with all items)	10.4 kg (23 lb)
Temperature range	As much as 15 °C below ambient
Bath height	8 in (minimum depth required)
Operating conditions	15 °C to 30 °C, 10% to 75% relative humidity (non-condensing), Installation Category II; Pollution Degree 2
Electrical specifications	100-240 VAC, 50/60 Hz; 250 watts power consumption
Compliance	CE Mark; EMC directive (2004/108/EC); Low voltage directive (2006/95/EC); HI-POT (1900 VDC, 60 sec.); ROHS

CANNON Instrument Company* provides a variety of physical property testing equipment and consumables (vials, bath fluids, and reference materials) for your testing needs. To learn more, contact sales@cannoninstrument.com.



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