

# REFRIGERATED & HEATED BATH/CIRCULATOR

Caron's general purpose Model 2050 is ideal for internal and external temperature control when heating and/or cooling are required. This compact, space-saving design offers consistent system performance and easy operation at an unbeatable low price.

Standard features such as the microprocessor-based PID controller, QDC fittings, stainless steel reservoir and safety alarms facilitate user-friendly operation and simple maintenance. Built-in handles provide portability and the vinyl feet ensure stable placement on your benchtop.

This unit can be utilized for a variety of end-user and OEM applications, including electron microscopes, general laboratory apparatus and cooling, water-jacketed incubators, rotary evaporators, electrophoresis, spectrophotometers, enzyme and protein assays, laser cooling and more.

## STANDARD FEATURES



- Wide operating temperature range from  $-15^{\circ}\text{C}$  to  $90^{\circ}\text{C}$  allows for a large variety of applications.
- Precise temperature control is provided through use of a microprocessor based PID controller. LED temperature display with  $0.1^{\circ}\text{C}$  resolution.
- Safety features include programmable high/low temperature alarms with LED indication, variable over-temperature control (factory set) and low fluid level heater shut-off.
- In the event of a power failure, non-volatile memory allows temperature to return to original setpoint when power is restored.
- Stainless steel sheath temperature probe, evaporator coil and reservoir with lid makes the unit compatible with a wide range of chemicals.
- The unit is supplied with front panel lock security to prevent accidental tampering and carries a NEMA 4X water-resistant rating.

## STANDARD FEATURES cont.

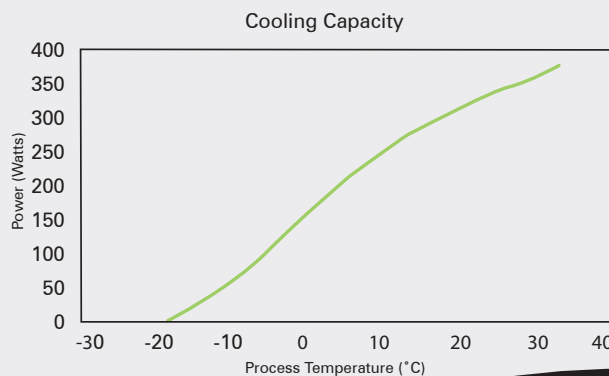
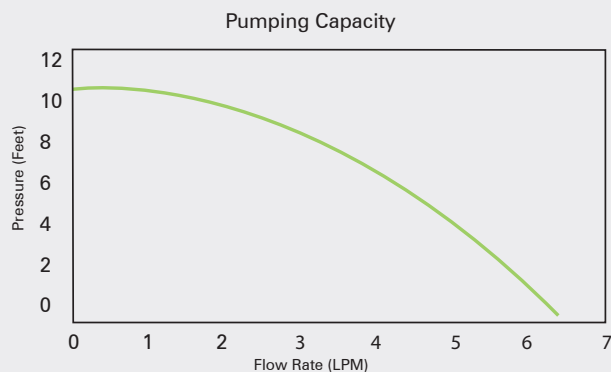
- The 750 Watt heater allows for a quick increase in temperature.
- Low fluid levels indicator light and alarm alert the operator when to add fluid.
- Refrigeration on/off switch saves electricity when cooling is not needed.

## SPECIFICATIONS

MODEL	2050-1	2050-4
Temperature Range	-15°C to 90°C	
Temperature Control	± 0.1°C	
Temperature Controller	Digital display, PID control, 1/16 DIN	
Cooling Capacity @ 20°C	1025 BTU/Hr, 300 Watts	
External Pumping	6.5 LPM at 0' head	
Work Area Dimensions	8.0" W x 2.25" F-B x 6.5" D (20.3 cm x 5.7 cm x 16.5 cm)	
External Dimensions	14.0" W x 13.5" F-B x 14.0" H (35.6 cm x 34.3 cm x 35.6 cm)	
Heater	750 Watts	
Safeties	Over-temperature heater safety & low liquid level alarm	
Reservoir Capacity	1.4 gallons (5.3 liters)	
Bath Reservoir/Lid Material	Stainless steel	
Cabinet Material	Stainless steel and powder coated metal	
Electrical	115V, 60 Hz, 10 Amps	230V, 50/60 Hz, 5 Amps
Shipping Weight	53 lbs. (24.0 kg)	



Specifications are subject to change without notice. 230V, 50/60 Hz unit is CE Marked.



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