

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



- High quality performance, aesthetic design, compact footprint and wide temperature operating range make this unit ideal for a large variety of applications.
- Precise temperature control is provided through use of a flush mount microprocessor based PID controller with a bright, digital display that has 0.1°C resolution.
- Setting up and adjusting parameters utilizes four basic keys, making the user-interface customer friendly and simple to navigate and program. Setpoint adjustments are made by using tactical membrane switches.
- Safety features include programmable high/low temperature alarms with LED and audible indications, variable over-temperature control 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 equipped with a sealed watertight control panel to protect against dust, dirt, and liquids.

STANDARD FEATURES cont.

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

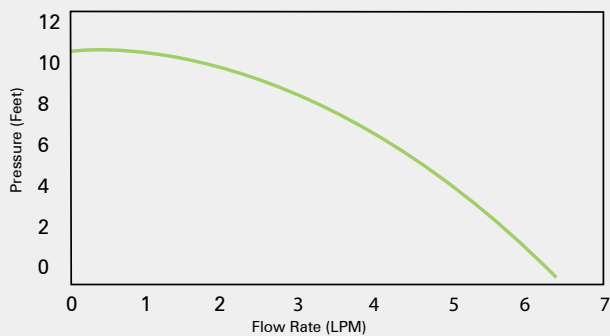
SPECIFICATIONS

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.



Pumping Capacity



Cooling Capacity

