

1 Introduction

Lindberg/Blue M Constant Temperature Waterbaths are capable of automatically controlling temperature within close tolerances. The RWB3220 series offer refrigeration in addition to heating for constant temperature control down to 0°C (32°F). The SWB1122 series with its built-in shaker unit has a fully adjustable agitation frequency. The RSWB3220 series are refrigerated shaker waterbaths.

1.1 Features and Benefits

- Digital instrumentation for precise temperature setpoint and display.
- Microprocessor automatically optimizes control parameters during waterbath operation.
- Main power ON/OFF switch on control panel.
- Type 304 polished stainless steel bath provides long life and low maintenance.
- Independent Overtemperature Limit Switch interrupts power to heater, manually reset.
- All standard Lindberg/Blue M Constant Temperature waterbaths are shipped electrically complete and ready for operation.

1.2 Specifications

Table 1. Lindberg/Blue M Waterbaths

Model	Dimensions in. (cm)		Temperature Range ^a	Approximate Capacity gallons (liters)	Maximum Heater Watts	Voltage
	Tank Size L x W x D	Overall L x W x H				
Constant Temperature Refrigerated and Shaker						
RWB3220A RWB3220WLFA RSWB3222A RSWB3222WLFA	18 x 12 x 7.5 (45 x 30 x 19)	29 x 14 x 12.5 (74 x 36 x 32)	5°C above ambient to 100°C	7.0 (26.5)	1400	120 VAC 60 Hz only, single phase
SWB1122A SWB1122WLFA						120 VAC 50/60 Hz, single phase
SWB1122C SWB1122WLFC						208/240 VAC 50/60 Hz, single phase
Chiller	—	—	—	—	—	120 VAC 60 Hz only, single phase

^a -Waterbaths will operate up to 100°C at sea level.

-Operation above +60°C (+140°F) requires a dust cover or gable cover.

-To maintain temperature stability, a stainless steel gabled cover is recommended for operation above 75°C. See Section 3.5 on page 3.