

Description

The Thermo Scientific NESLAB EX Bath/Circulators are designed to provide temperature control for applications requiring a fluid work area or pumping to an external system.

Units consist of a circulation pump, seamless stainless steel bath, work area cover, and a microprocessor temperature controller.

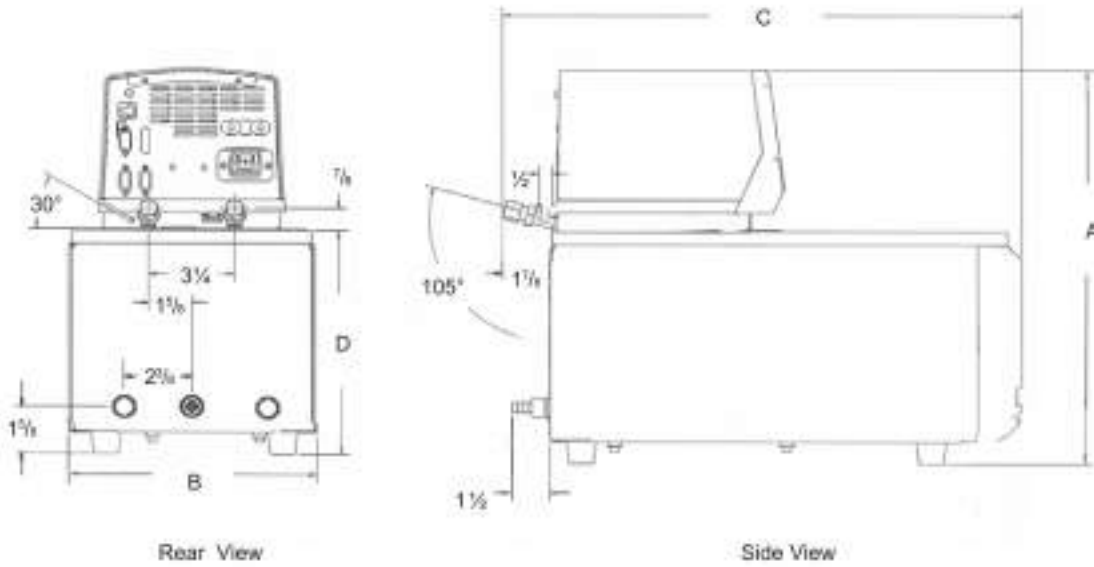
Specifications

Process Fluid
Temperature Range²
Temperature Stability³
Pump Capacity⁴

	EX 7	EX 10	EX 17	EX 35
Process Fluid	Ambient +12°C to +200°C			
Temperature Range²	Ambient +12°C to +200°C			
Temperature Stability³	±0.01°C			
Pump Capacity⁴				
Heater (Watts)				
115V/60 Hz Models	800		1600	
230V/50 Hz Models	2000		2000	
100V/50-60Hz Models	800		1200	
Bath Work Area⁵				
(W x L x D)				
Inches	6 5/8 x 7 x 6	8 3/4 x 8 1/8 x 6	8 3/4 x 8 1/8 x 9	8 3/4 x 15 1/2 x 12
Centimeters	16.8 x 17.8 x 15.2	22.4 x 20.6 x 15.2	22.4 x 20.6 x 22.9	22.4 x 39.4 x 30.5
Bath Volume				
Gallons	1.9	3.0	4.8	9.6
Liters	7.2	11.3	18.1	36.3
Weight⁶				
Pounds	27	32	36	53
Kilograms	12.2	14.5	16.3	24.0

1. Specifications subject to change.
2. Above 80°C, baths are tested with silicone oil. This fluid is known to release a formaldehyde vapor (which is carcinogenic) above 150°C.
3. 37°C, 45°C, 60°C bath temperature. 20°C ambient. Measured at the center of the work area, stable ambient. Sea level. For 37°C the work area cover was off, for 45°C and 60°C the work area cover was on. No external flow. For some applications, agitation and stability above ambient may be improved by connecting a small length of hose between the pump connections on the rear of the unit.
4. 20°C ambient. 20°C bath temperature using water. Pump fully loaded. Sea level.
5. See next page for additional dimensions.
6. Add approximately 3 pounds (1.4 kilograms) for shipping weight.

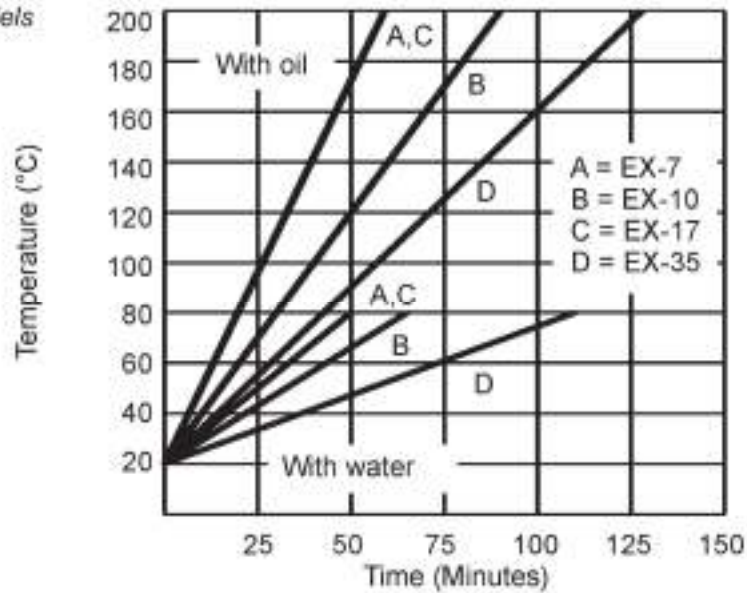
Unit Dimensions (Inches)



Unit Dimensions	EX 7	EX 10	EX 17	EX 35
Dimension A	14 5/8	14 5/8	17 5/8	20 5/8
Dimension B	9 1/4	11 3/8	11 3/8	11 3/8
Dimension C	19	19 3/4	19 3/4	26 7/8
Dimension D	8 3/8	8 3/8	11 3/8	14 3/8
Crate Dimensions (D x W x H)	26 1/2 x 18 x 33 1/2			31 1/4 x 15 1/2 x 26 1/2

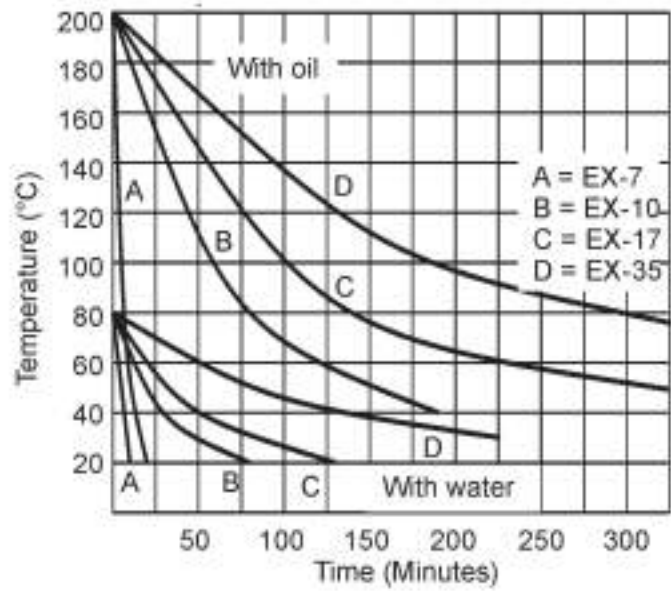
Time to Temperature

115V/60 Hz Models

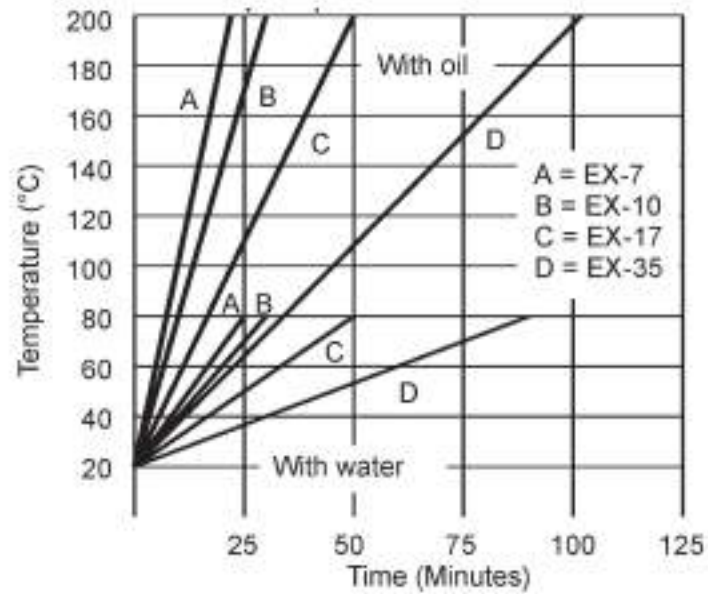


Time to Temperature

115V/60 Hz Models



230V/50 Hz Models



230V/50Hz Models

