

# Refrigerated Constant Temperature Circulating Baths

## refrigerated constant temperature circulating baths

- Standard Digital and Programmable models
- 6L, 13L and 28L models
- Easy-Access Reusable Filter
- Adjustable Over-Temperature Cutoff and Low-Liquid Cutoff
- Temperature readout in °C or °F

**Programmable Model** - In addition to high temperature capability, the Refrigerated Constant Temperature Circulating Baths feature exceptional cooling ability. The 13L and 28L models feature an energy saving modulating refrigeration control system. This permits fast bath cooling even at high temperatures without excessive energy consumption. The programmable model offers the widest temperature range along with high stability and variable speed pressure/suction (duplex) pump. RS232 interface and software for PC programming are standard. Labview™ drivers and Excel® macros offer even greater programming and data logging convenience. The full graphic LCD display with multi-language help menus aid in operation and set-up.

**Standard Model** - The Standard Refrigerated Constant Temperature Circulating baths offer the same cooling capacity as their programmable counter part. The standard digital



controller is equipped with three user-defined temperature preset buttons for rapid set point changes. The bright LED display provides read and set capability, plus  $\pm 0.05^\circ\text{C}$  temperature stability. The pump is 2-speed pressure (simplex) type is suitable for closed loop applications.

## ordering information

Catalog No.	Electrical Requirements	Temp. Range	Temp Stability	Cooling Capacity Watts	Model	Capacity	Dimensions LxWxD	Working Acces LxWxD	Shipping Weight
K33074	120V, 60Hz	-20° to 150°C	$\pm 0.05^\circ\text{C}$	200 at 20C, 140 at 0 C,	Standard	6L (1.6 gal)	15.75x18.75x17in	5.25x5.25x5.5in	70 lbs
K33075	240V, 60Hz			100 at -10C		Low Profile	40x47.6x43.2cm	13.3x13.3x14cm	32 kg
K33076	120V, 60Hz	-20° to 200°C	$\pm 0.01^\circ\text{C}$	200 at 20C, 140 at 0 C	Programmable	6L (1.6 gal)	15.75x18.75x17in	5.25x5.25x5.5in	74 lbs
K33077	240V, 60Hz			100 at -10C		Low Profile	40x47.6x43.2cm	13.3x13.3x14cm	34 kg
K33078	120V, 60Hz	-20° to 150°C	$\pm 0.05^\circ\text{C}$	200 at 20C, 140 at 0 C	Standard	6L (1.6 gal)	15.75x8.25x22.5in	5.25x5.25x5.5in	68 lbs
K33079	240V, 60Hz			100 at -10C		Vertical	40x21x57.1cm	13.3x13.3x14cm	31 kg
K33080	120V, 60Hz	-20° to 200°C	$\pm 0.01^\circ\text{C}$	200 at 20C, 140 at 0 C	Programmable	6L (1.6 gal)	15.75x8.25x22.5in	5.25x5.25x5.5in	74 lbs
K33081	240V, 60Hz			100 at -10C		Vertical	40x21x57.1cm	13.3x13.3x14cm	34 kg
K33082	120V, 60Hz	-30° to 150°C	$\pm 0.05^\circ\text{C}$	660 at 20C, 480 at 0 C	Standard	13L (3.4 gal)	17x15.5x24.75in	6x11x5.5in	140 lbs
K33083	240V, 60Hz			240 at -20C, 100 at -30C			43x39.4x62.9cm	14x28x15.2cm	64 kg
K33084	120V, 60Hz	-30° to 200°C	$\pm 0.01^\circ\text{C}$	660 at 20C, 480 at 0 C	Programmable	13L (3.4 gal)	17x15.5x24.75in	6x11x5.5in	147 lbs
K33085	240V, 60Hz			240 at -20C, 100 at -30C			43x39.4x62.9cm	14x28x15.2cm	67 kg
K33086	120V, 60Hz	-40° to 150°C	$\pm 0.05^\circ\text{C}$	680 at 20C, 450 at 0 C	Standard	13L (3.4 gal)	17x15.5x24.75in	6x11x5.5in	145 lbs
K33087	240V, 60Hz			160 at -30C	Low Temp.		43x39.4x62.9cm	14x28x15.2cm	66 kg
K33088	120V, 60Hz	-40° to 20°C	$\pm 0.01^\circ\text{C}$	680 at 20C, 450 at 0 C	Programmable	13L (3.4 gal)	17x15.5x24.75in	6x11x5.5in	153 lbs
K33089	240V, 60Hz			160 at -30C	Low Temp.		43x39.4x62.9cm	14x28x15.2cm	69 kg
K33090	120V, 60Hz	-25° to 150°C	$\pm 0.05^\circ\text{C}$	700 at 20C, 510 at 0 C	Standard	28L (7.3 gal)	19.5x27.5x18.5in	10.25x10.25x10.25in	162 lbs
K33091	240V, 60Hz			260 at -20C			49.5x70x47cm	26x26x26cm	73 kg
K33092	120V, 60Hz	-25° to 150°C	$\pm 0.01^\circ\text{C}$	700 at 20C, 510 at 0 C	Programmable	28L (7.3 gal)	19.5x27.5x18.5in	10.25x10.25x10.25in	162 lbs
K33093	240V, 60Hz			260 at -20C			49.5x70x47cm	26x26x26cm	73 kg