



Precision 281 Digital Water Bath with optional thermometer

Precision 183 Analog Water Bath

Precision 288 Digital Water Bath with optional thermometers

Specifications

Models	184	284	185	285
Chamber Capacity ¹	5.2 gallon (19.5 liters)	5.2 gallon (19.5 liters)	4.9 gallon (18 liters)	4.9 gallon (18 liters)
Temperature Display	0° to 100°C (Thermometer)	0° to 100°C (Digital LED)	0° to 100°C (Thermometer)	0° to 100°C (Digital LED)
Maximum Temperature ²	99.9°C	99.9°C	99.9°C	99.9°C
Temperature Uniformity	±0.2°C at 37°C	±0.2°C at 37°C	±0.2°C at 37°C	±0.2°C at 37°C
Temperature Sensitivity	±0.1°C at 37°C	±0.1°C at 37°C	±0.1°C at 37°C	±0.1°C at 37°C
Dimensions (L x W x H)				
Chamber	14 x 12 x 8 in. (35.6 x 30.5 x 20.3 cm)	14 x 12 x 8 in. (35.6 x 30.5 x 20.3 cm)	19.5 x 11.5 x 6 in. (49.5 x 29.2 x 15.2 cm)	19.5 x 11.5 x 6 in. (49.5 x 29.2 x 15.2 cm)
Exterior without cover	19.7 x 15.75 x 9.75 in. (49.9 x 40 x 24.8 cm)	18.75 x 15.75 x 9.75 in. (47.6 x 40 x 24.8 cm)	23.9 x 13.75 x 9.75 in. (60.7 x 34.9 x 24.8 cm)	23 x 13.75 x 9.75 in. (58.4 x 34.9 x 24.8 cm)
Electrical Specs (50/60Hz)				
120V	600 Watts (5.0 Amps)	600 Watts (5.0 Amps)	600 Watts (5.0 Amps)	600 Watts (5.0 Amps)
230V	600 Watts (2.6 Amps)	600 Watts (2.6 Amps)	600 Watts (2.6 Amps)	600 Watts (2.6 Amps)
BTU Output	2048	2048	2048	2048
Shipping Data				
Dimensions (L x W x H)	23.5 x 18 x 12.75 in. (59.7 x 45.72 x 32.4 cm)	23.5 x 18 x 12.75 in. (59.7 x 45.72 x 32.4 cm)	27.5 x 16.5 x 14.75 in. (69.9 x 41.9 x 37.5 cm)	27.5 x 16.5 x 14.75 in. (69.9 x 41.9 x 37.5 cm)
Weight	25 lbs (11.3 kg)	25 lbs (11.3 kg)	30 lbs (13.6 kg)	30 lbs (13.6 kg)
Volume	3.1 cu. ft. (0.09 cu. meter)	3.1 cu. ft. (0.09 cu. meter)	3.9 cu. ft. (0.11 cu. meter)	3.9 cu. ft. (0.11 cu. meter)
Catalog Number new (old)				
120V (UL listed)	2839 (51221075)	2841 (51221052)	2843 (51221065)	2845 (51221054)
230V	2840 (51221069)	2842 (51221053)	2844 (51221066)	2846 (51221055)
Models	186	286	188 (Dual chamber)	288 (Dual chamber)
Chamber Capacity ¹	11.4 gallon (43 liters)	11.4 gallon (43 liters)	3.2 gallon ³ (12 liters)	3.2 gallon ³ (12 liters)
Temperature Display	0° to 100°C (Thermometer)	0° to 100°C (Digital LED)	0° to 100°C (Thermometer)	0° to 100°C (Digital LED)
Maximum Temperature ²	99.9°C	99.9°C	99.9°C	99.9°C
Temperature Uniformity	±0.2°C at 37°C	±0.2°C at 37°C	±0.2°C at 37°C	±0.2°C at 37°C
Temperature Sensitivity	±0.1°C at 37°C	±0.1°C at 37°C	±0.1°C at 37°C	±0.1°C at 37°C
Dimensions (L x W x H)				
Chamber	16 x 28 x 6.5 in. (40.6 x 71.1 x 16.5 cm)	16 x 28 x 6.5 in. (40.6 x 71.1 x 16.5 cm)	11.5 x 12.5 x 6 in. ¹ (29.2 x 31.7 x 15.2 cm)	11.5 x 12.5 x 6 in. ¹ (29.2 x 31.7 x 15.2 cm)
Exterior without cover	21.6 x 31.5 x 9.75 in. (55.0 x 80 x 24.8 cm)	20.7 x 31.5 x 9.75 in. (52.7 x 80 x 24.8 cm)	16.1 x 29 x 9.75 in. (41.0 x 73.7 x 24.8 cm)	15.2 x 29 x 9.75 in. (38.7 x 73.7 x 24.8 cm)
Electrical Specs (50/60Hz)				
120V	1200 Watts (10.0 Amps)	1200 Watts (10.0 Amps)	800 Watts (6.7 Amps)	800 Watts (6.7 Amps)
230V	1200 Watts (5.2 Amps)	1200 Watts (5.2 Amps)	800 Watts (3.5 Amps)	800 Watts (3.5 Amps)
BTU Output	4095	4095	2732	2732
Shipping Data				
Dimensions (L x W x H)	24 x 36.25 x 18 in. (61 x 92.1 x 45.7 cm)	24 x 36.25 x 18 in. (61 x 92.1 x 45.7 cm)	18 x 34 x 12.75 in. (45.7 x 86.4 x 32.4 cm)	18 x 34 x 12.75 in. (45.7 x 86.4 x 32.4 cm)
Weight	56 lbs (25.4 kg)	56 lbs (25.4 kg)	40 lbs (18.1 kg)	40 lbs (18.1 kg)
Volume	9 cu. ft. (0.25 cu. meter)	9 cu. ft. (0.25 cu. meter)	4.5 cu. ft. (0.13 cu. meter)	4.5 cu. ft. (0.13 cu. meter)
Catalog Number new (old)				
120V (UL listed)	2847 (51221072)	2849 (51221056)	2851 (51221061)	2853 (51221058)
230V	2848 (51221074)	2850 (51221057)	2852 (51221063)	2854 (51221059)

¹Filled 1" (25 mm) from top of chamber, ²With gable cover, ³Each chamber

See water bath accessories on back cover.