



QHC-2



QHC-4



QHC (Controller unit)



## Applications

- Ideal for applications when temperature uniformity and consistency are critical, such as enzymatic and serologic experiments. Water is thoroughly circulated throughout the bath resulting in a more uniform temperature.
- Heating water bath is a preferred heat source for heating flammable chemicals instead of an open flame to prevent ignition

## Features

- Microprocessor PID controller: Provides high accuracy temperature setting and operations
- Digital LED Display: Accuracy up to  $\pm 0.1^{\circ}\text{C}$
- Back-up memory system protects the preset temperature value during power failure
- Automatic diagnostic system identified and automatically adjust if controller error occurred
- Internal Offset function available for calibration purpose
- Interior bath parts constructed from stainless steel
- Circulators are designed and constructed for continuous operation
- Stirring motor ensure the temperature uniformity
- Inlet and outlet nozzles for external circulation of liquid
- Built-in circuit breaker
- Supplied with 2 meter power cord and grounded plug

## Specification

Model	QHC-1	QHC-2	QHC-4	QHC-5
Interior bath construction	Interior SUS 304 stainless steel without bath cover		Interior SUS 304 stainless steel with bath cover	
Exterior bath construction	Powder coated mild steel			
Controller	PID controller			
Temperature working range	5°C above ambient temperature to 150°C 0°C to 150°C. Below ambient with external cooler			
Temperature accuracy	$\pm 0.1^{\circ}\text{C}$			
Temp. setting & display	Digital setting and display to 0.1°C			
Temperature sensor	PT-100			
Heater	960 Watts		1500 Watts	
Safety devices	ELCB circuit breaker as standard			
Stirring	Built in Circulating pump			
Bath capacity	10 litres	20 litres	10 litres	20 litres
Bath dimensions (mm)	300W x 240D x 150H	495W x 290 x 150H	233W x 272D x 150H	285W x 480D x 155H
Lid opening area (mm)	190W x 240D	375W x 290D	200W x 100D	230W x 230D
Overall dimensions (mm)	345W x 290D x 195H	547W x 340D x 205H	305W x 405D x 345H	610W x 355D x 350H
Power supply	240 VAC, 50Hz, 4A		240VAC, 50Hz, 6.1A	
Weight	6.6 kg	8.0 kg	10.0 kg	13.9 kg

\*Model QHC (Controller unit only) available separately for customized water bath