



WiseCirc Heater Circulator

This small heater circulator unit is robust and versatile. Using the support bracket on the back of the circulator, it can be fitted to baths up to 40 litres in capacity. This model is fitted with a digital fuzzy control system with backlit LCD display and a turn dial for quick temperature and timer adjustments. Digital timer function (99hr 59min) supported with delay time and operation time. A user audible alarm function indicates errors, timer end and low water level.

For user safety, each circulator is fitted with a protective case which surrounds the element.

Models	WCBC-1.2		
Temp Range	Ambient + 5°C to 120°C		
Controller	Digital Fuzzy Control, System		
Safety	Adjustable Over Temp / Sensor Error Detect / Low Level Detect		
Heater	1200W		
Pump	14L/Min (internal/external)		

## Baths, Circulated (High Temperature)



WCH-12

Four high temperature baths are available, all designed with a temperature range from ambient +5°C ~ 250°C. These models are fitted with a digital fuzzy control system with backlit LCD display and a turn dial for quick temperature and timer adjustments. Digital timer function (99hr 59min) supported with delay time and operation time. A user audible alarm function indicates errors and timer end. Powerful circulation pump to ensure temperature uniformity. Flat lids supplied standard.

Model	WCH-8	WCH-12	WCH-22	WCH-30
Int Dims (wxdxh mm)	170x320x150	250x320x150	320x420x150	320x420x230
Ext Dims (wxdxh mm)	255x425x580	350x410x450	420x510x450	450x540x480
Capacity	8 litre	12 litre	22 litre	30 litre
Heater	0.8kW	1kW	2kW	2kW
Temp Range	Ambient +5°C to 250°C			
Temp Accuracy	±0.1°C			
Temp Uniformity	±0.2°C			
Controller	Digital Fuzzy Controller			
Pump	Max Flow 14ltr/min			
Other	Storage Function (temp, timer) Locking Mode (jog-shuttle input disabled) Alarm (for error status and timer end)			
Safety	Over Temp Protector, Over Current and Leakage Breaker			
Power Supply	220VAC, 50 Hz			

## Baths, Circulated (Refrigerated)



• Innovative Digital Fuzzy Controller



• 22 Litre Size of Bath with Lock-Sensor

WCR-P8 / WCR-P12

These three WiseCircu refrigerated circulated baths are powerful and economic. All models are fitted with a digital fuzzy control system with backlit LCD display. A turn dial allows for quick temperature adjustments from -20°C ~ 100°C and easy timer adjustments up to 99 minutes and 59 seconds. These baths are fitted with a powerful circulation pump to ensure temperature uniformity and are also fitted with a pump out facility to allow for connection to external instruments. Temperature compensation function supported for easy calibration. Safety devices fitted to these baths include over temperature, over current and low water warning. All baths are supplied with a flat stainless steel lid as standard.

Model	WCR-P8	WCR-P12	WCR-P22	WCR-P30
Int Dims (wxdxh mm)	170x320x150	250x320x150	320x420x150	320x420x230
Ext Dims (wxdxh mm)	255x425x580	345x405x650	415x505x650	445x535x680
Capacity	8 litre	12 litre	22 litre	30 litre
Heater	1kW	1.5kW	2kW	2.2kW
Refrigerator	1/3HP	1/3HP	1/2HP	3/4HP
Temp Accuracy	±0.5°C at -10°C			
Temp Range	-20°C to 100°C			
Controller	Digital Fuzzy Controller			
Material Internal	Stainless Steel			
Material External	Powder Coated Steel			
Material Insulation	Polystyrene (20mm)			
Pump	Max Flow 14ltr/min			
Safety	Over Temp Protector, Over Current and Leakage Breaker			
Power Supply	220VAC, 50 Hz			