

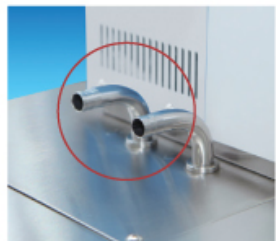
DAIHAN® -25+150℃ Internal/External Digital Precise Refrigerated/Heating Bath Circulator "MaXircu™ CR", ±0.2℃
 With Flat Lid, Digital Fuzzy Control, CFC-free Refrigeration, Certi. & Traceability, 8 · 12 · 22 · 30 Lit, Flow 25Lit/min, Lift 4m
 Ideal for Cooling/Heating Line of Facility, External Circulating Connect - od.12 & id.10mm, 정밀 냉동/가열 배스 겸용 씨클레이터



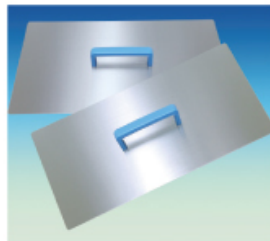
- CE Certified ■ PL(Product Liability) Insurance
 - with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System.
 - Advanced Refrigerating System Ensures Temperature Performance.
 - Digital Fuzzy Control System Implementing Superior Temperature Accuracy.
 - Patented Jog-Dial Control System and Capacitive Touch Button
- * Innovated Powerful Circulation Pump ensures Temp. Uniformity
: Internal and External Circulation (Max Flow Rate : 25 Lit/min).
 - * RS232C Interface for Remote Monitoring and Controlling with PC.
 - * More Faster Cool-down Time. * Urethane Foam Insulation.
 - * All models Built in Caster. * Proper Liquid Level Line in Bath.
 - * User's Self-compensation Function to Control Difference between Real Temperature and Indicated Temperature (±10.0℃).
 - * Warning and Auto-Stop Function in case of Liquid Shortage.
 - * Auto-controlled Refrigeration System for Compressor Protection and Power Saving.
 - * Locking Mode Supported for Experimental Safety (Input to Jog-Dial can be Disabled).

2-Year Warranty

-25℃ ~ +150℃ Refrigerated / Heating Bath Circulator
Max. 8Lit, "CR-8" & Max. 12Lit, "CR-12"



External Circulation Nozzle



Flat Lid, Stainless-steel (Included)

Specifications & Ordering information

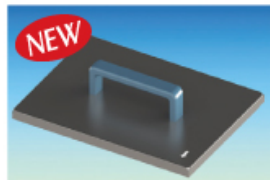
Spec.	Model	MaXircu™ CR-8	MaXircu™ CR-12	MaXircu™ CR-22	MaXircu™ CR-30
		Max. Capa. 8 Lit	Max. Capa. 12 Lit	Max. Capa. 22 Lit	Max. Capa. 30 Lit
Temp. Range & Accuracy		-25℃~ +150℃, ±0.1℃			
Temp. Resolution		0.1℃-Display, 0.1℃-Control			
Temp. Uniformity & Probe		±0.2℃ at -10℃, PT100			
Pump		Max Flow Rate : 25Lit/min(Controlled 5 Steps Flow Rate Speed), Max Pressure : 7.5 psi, Max Lift : 4m			
Bath Volume		8 Lit	12 Lit	22 Lit	30 Lit
Heating & Refrigerator		1 kW, 1/3HP	1.5 kW, 1/3HP	2 kW, 1/2HP	2.2 kW, 3/4HP
Cooling Capacity	at +20℃	300 W	380 W	680 W	850 W
	at 0℃	200 W	250 W	500 W	620 W
	at -20℃	110 W	130 W	300 W	400 W
Refrigerant		CFC -Free(R-404A) Refrigeration System			
Total Power Consumption		1.6 kW	2 kW	2.7 kW	3 kW
Compressor Control		Intelligent Control of Refrigerator for preventing Compressor Overload			
External Circulation Nozzle		id.10.5 / od.12.5mm(For Inner Circulat. : to Connect directly the in-/outlet Nozzles)			
Timer & Alarm		99hr 59min (Delay & Continuous run), Error status & Timer-end			
Display		Digital LCD with Back-Light Function			
Controller		Digital Fuzzy Controller with Jog-Dial Knob (Turn+Push)			
Safety Circuit		Over-Temp./-Current protection, Sensor Error Detection, Leakage Breaker			
Material		Stainless-steel (#304)-Internal, Powder Coated steel-External, 40mm Thickness Urethane Foaming - Insulation			
Lid & Drain Valve		included Stainless-steel Flat Lid, Ball Valve, Optional Dome Lid,			
Dimension (w×d×h)	Effective Space (mm)	175×153×150	230×181×150	290×220×200	330×290×200
	Internal (mm)	175×320×150	230×350×150	290×390×200	330×460×200
	External (mm)	330×474×752	400×523×807	483×563×850	494×633×906
Packing Size (mm) & Gross Weight (kg)		420×560×925 45 kg	530×630×985 54 kg	615×670×1025 63 kg	630×740×1075 70 kg
Electrical Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz			
Cat. No.	230V	DH.WCR00408	DH.WCR00412	DH.WCR00422	DH.WCR00430
	120V	DH.WCR00508	DH.WCR00512	DH.WCR00522	DH.WCR00530
Price, Each. ₩					

* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 16,000 별도!

- ※ See page 72 for the Cooling/Heating Transfer Fluid & Circulation Hose ;
- ▶ Therminol D12® -85+230℃ Cooling/Heating Transfer Fluid
- ▶ SYN THERM 22L® -5+320℃ Heating Transfer Fluid
- ▶ Insulated External Circulating Tubing

※ Note : Cooling Transfer Fluid Should be an Antifreezing Solution



(1) BTU Insulation Lid (Optional)

Refrigerated Circulator with Validation (IQ, OQ) Service

	Ea. Price, ₩
DH.WCR30308 Validation Service(IQ, OQ), with "MaXircu CR-8", "CRBV208"	
DH.WCR30312 , with "MaXircu CR-12", "CRBV212"	
DH.WCR30322 , with "MaXircu CR-22", "CRBV222"	
DH.WCR30330 , with "MaXircu CR-30", "CRBV230"	

(1) Optional BTU Insulation Lid, T15mm(10mm BTU+5mm STS) NEW

	Ea. Price, ₩
DH.WCR.L008 BTU Insulation Lid, for CR-8 , 240×178×T15mm	
DH.WCR.L012 for CR-12, 316×206×T15mm	
DH.WCR.L022 for CR-22, 396×245×T15mm	
DH.WCR.L030 for CR-30, 436×316×T15mm	