

Cat. No	Description	Articles
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DAIHAN-brand® -35°C ~ +150°C Digital Precise Refrigerated/Heating Bath Circulator “MaXircu™ CL”, ±0.2°C with 1×Flat Lid/Digital Fuzzy Control/CFC-free/Certi. & Traceability, Flow 25Lit/min, Lift 4m, 8-/12-/22-/30-Lit.

Ideal for Evaporators, etc., with External/Internal Circulating Connect - od.12/id.10mm, 정밀 냉동/가열 배스 겸용 써클레이터

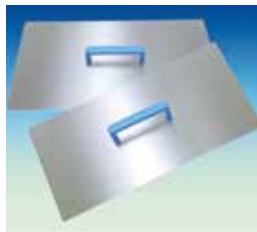


-35°C ~ +150°C  
2-Year Warranty

-35°C ~ +150°C Refrigerated / Heating Bath Circulator  
“MaXircu™ CL-8” & “MaXircu™ CL-12”



External Circulation  
Nozzle



Flat Lid, Stainless-steel  
(Included)

- Made in Korea
- CE Certified
- PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Advanced Refrigeration System Ensures Temperature Performance
- Digital Fuzzy Control System Implementing Superior Temperature Accuracy
- Innovated Powerful Circulation Pump ensures Temp. Uniformity : Internal and External Circulation (Max Flow Rate : 25 Lit./min.)
- Controlled 5 Steps Circulation speed(Flow Rate).
- Innovated Refrigeration System, CFC-free (R-404A)
- Patented Jog-Dial Control System and Capacitive Touch Button, Digital LCD with Back-Light Function
- External & Internal Circulation : Possible.
- \* For Inner Circulating : to Connect directly the In-/outlet Nozzle.
- \* 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
- \* Connection with Evaporator or Viscometer is applicable
- \* User's Self-compensation Function to Control Difference between Real Temperature and Indicated Temperature (± 10.0°C).
- \* 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)

Specifications & Ordering information

Spec.	Model	MaXircu™ CL-8	MaXircu™ CL-12	MaXircu™ CL-22	MaXircu™ CL-30
Temp. Range & Accuracy		-35°C ~ +150°C, ±0.1°C			
Temp. Resolution		0.1°C-Display, 0.1°C-Control			
Temp. Uniformity & Probe		±0.2°C at -20°C, 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 Power		1 kW	1.5 kW	2 kW	2.2 kW
Refrigerator		1/2HP	1/2HP	7/8HP	1HP
Cooling Capacity	at +20°C	500 W	530 W	860 W	1030 W
	at 0°C	340 W	370 W	620 W	760 W
	at -20°C	200 W	210 W	400 W	500 W
Refrigerant		CFC -Free(R-404A) Refrigeration System			
Total Power Consumption		1.7 kW	2.2 kW	3 kW	3.3 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, 40 mm 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)	400×523×807	400×523×807	483×563×850	494×633×906
Packing Size (mm) & Gross Weight (kg)		630×530×972	630×530×972	670×615×1022	740×625×1072
		50 kg	55 kg	65 kg	78 kg
Electrical Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz			
Cat. No.	230V	DH.WCL00408	DH.WCL00412	DH.WCL00422	DH.WCL00430
	120V	DH.WCL00508	DH.WCL00512	DH.WCL00522	DH.WCL00530
Price, Each. ₩					

\* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 16,000 별도!

- ▶ Therminol D12® Cooling / Heating Transfer Fluid, Clear / Harmless : See page 28
- ▶ Insulated External Circulating Tubing : See page 35

Refrigerated Circulator with Validation (IQ, OQ) Service

DH.WCL30308	Validation Service(IQ, OQ), with “MaXircu CL-8”, “CLBV208”	Ea. Price, ₩
DH.WCL30312	, with “MaXircu CL-12”, “CLBV212”	
DH.WCL30322	, with “MaXircu CL-22”, “CLBV222”	
DH.WCL30330	, with “MaXircu CL-30”, “CLBV230”	