

Refrigeration Circulator



CLS-Control System

- Units maintain constant temperature for a wide range of refrigerating and heating applications
- LED displays for setpoint and actual values, keypad type temperature controller can be set the required temperature.
- Auto-tuning allows user to fine tune PID temperature control accuracy / response across a narrow range closest to set point.
- In-band function to recalibrate or re-adjust temperature measurement sensor that may "run/deviate" over a period of time.
- Use of CFC-free refrigerant meets environmental safety regulation.
- The unit has low water level as well as safety cut-out.
- Polyurethane foam insulation provides stable temperature condition within bath, built-in motor-driven circulation pump ensures uniform temperature distribution within the bath.
- Perforated panel allows protection of heater and sensor.
- Refrigerator is automatically stop to running at 40°C so that the unit is protected.

Model		RW-0525G	RW-1025G	RW-2025G	RW-3025G
Bath volume		5L	10L	20L	30L
Temp.	Range	-25? ~100?			
	Accuracy	± 0.05 ? at -10?			
	Uniformity	± 0.1 ? at -10?			
	Cool down Time	-25? within 90 mins(alcohol / ambient temp. 25?)			
	Controller	Digital Controlled microprocessor touch pad			
Size (mm)	Bath	150x285x160	211x340x180	290x400x200	300x450x230
	Overall (WxDxH)	302x438x690	360x490x780	380x560x825	440x620x895
	Top open (WxD)	150x99	211x154	290x214	300x264
Material	Internal	Stainless steel, 1.0t			
	External	Steel, 2.0t double painted and baked spec.			
	Insulation	Polyurethan form (30mm)			
	Heater	1000W	1500W	2000W	2000W
	Sensor	Pt 100/span>			
Pump	Capacity/Height	24 L/min , 4mPM			
	material	Stainless steel mold pump			
Safety Device		CLS(Custom Logical Safe)- Control System			
Cooling Capacity	At -20?	70	80	250	450
	At 0?	250	350	450	650
	At 20?	300	500	600	800
Electric Requirements		220 VAc, 50/60 Hz			
Power Consumption		6.7 A	9.8A	12.6A	12.8A

Model	RW-0540G	RW-1040G	RW-2040G	RW-3040G
	5L	10L	20L	30L
Bath volume	Range	-40? ~150?		
	Accuracy	± 0.05 ? at -10?		
	Uniformity	± 0.1 ? at -10?		
	Cool down Time	-30? within 90 mins (alcohol / ambient temp. 25?)		
	Controller	Digital Controlled microprocessor touch pad		
Size (mm)	Bath	150x285x160	211x340x180	290x400x200
	Overall (WxDxH)	302x438x690	360x490x780	380x560x825
	Top open (WxD)	150x99	211x154	290x214
Pump	Capacity/Height	24 L/min , 4mPM		
	Material	Stainless steel mold pump		
Safety Device		CLS(Custom Logical Safe) Control System		
Electric Requirements		220 VAc, 50/60 Hz		
Power Consumption		8.7 A	11.8A	13.6A



Rose Scientific Inc.
enhancing the sciences

Somerset, NJ 08873
Phone: (732) 564.0700
Fax: (732) 564.1515

U.S. Regional Office:
4710B Interstate Drive,
Cincinnati, Ohio 45264

U.S. Toll Free: (800) 661.9288
E-mail: USAsales@rosesci.com

✓ www.rosescientific.com