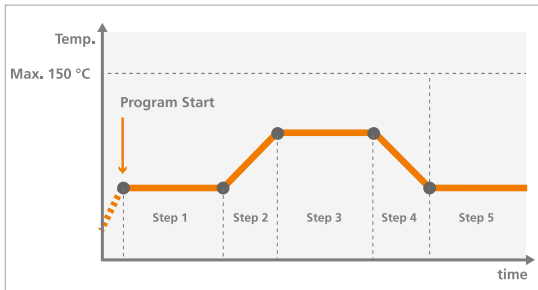


# Refrigerated & Heating Bath Circulator Program type

## Convenient program control function

### Program Type

- Possible to set and save 10 programs.
- Up to 10 steps can be set in the one program.
- Set time up to 99 hours and 59 minutes per step.
- Includes useful scheduler management functions such as program operation range and repeat interval setting.
- Program repetition possible up to 99 times.
- Provides temperature ramp control in program operation.
- Digital Input / Output function makes it easy to connect external equipment.
- Intuitive operation with color touch display.



### RW3-0525P

with PPS (poly phenylene sulfide)  
Bath Cover (standard)

### Structural Functional Features

- Internal circulation and internal/external circulation of solution.
- Built-in bath cover with handle.
- Internal bath with seamless integral structure. (except RW3-3025P, 3035P models)
- Stainless steel material inside and at the top of the bath is excellent in terms of corrosion resistance and clean maintenance.
- Drain valve for easy draining of bath solution.
- Easy-to-clean refrigerator condenser filter.
- Equipped with easy-to-move/install caster.
- 8 models provided according to temperature range, capacity, etc.
- 5-steps pump speed adjustment with simple operation.

### Outstanding Safety

- Top-rated overheating protection system. (Registration KR 10-0397583)
- Over temperature limiting function. (Over Temperature Limiter)
- Prevention of mal-operation with controller lock function.
- Check and alert of temperature sensor abnormality.
- If an error occurs during operation, the details of the error are displayed on the screen and an alarm is sounded.
- Safe structure in which the heater, sensor, and pump inside the bath are separated by covering plates.

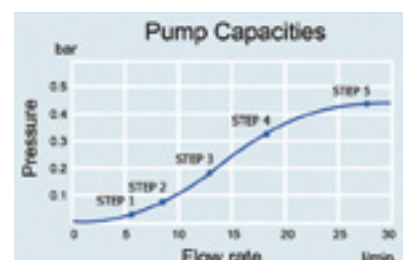
### Use Convenience Features

- Temperature calibration of up to 3 points provides more reliable temperature control.
- Optimized control with auto-tuning.
- Wait On/Off timer. (up to 99 hours 59 minutes)
- Microprocessor PID method for precise temperature control.
- USB/RS-232 connection and software provide convenient computer operation and data management.
- Notification of low solution. (low level limiter)
- Automatic restart of operation when power is restored after power failure.
- Monitor via mobile app anytime, anywhere with LC Connected. (mobile monitoring system) (when purchased LC GreenBox)

### Pump Capacity

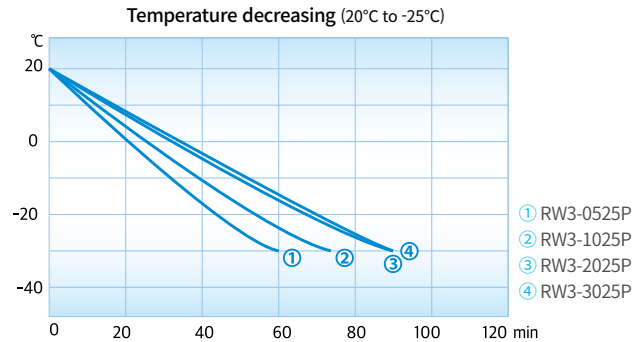
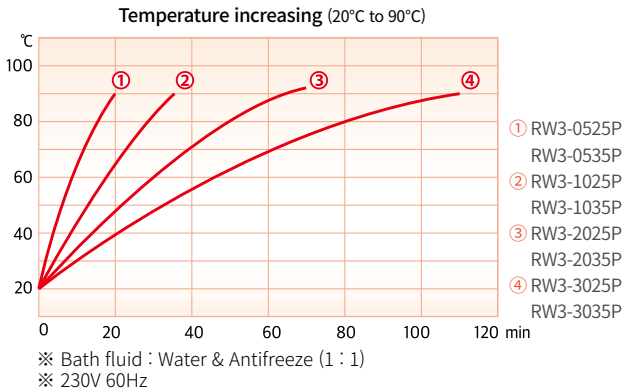
Pump Step	1	2	3	4	5
Max. pressure (psi)	0.5	1.1	2.4	4.9	5.9
Max. flow rate (L/min)	5.6	8.0	12.8	18.8	28.0

※ Bath fluid : Water





## Heat-up Time, Cool-down Time



## Specification

Model		RW3-0525P	RW3-1025P	RW3-2025P	RW3-3025P
<b>Bath volume (L / cu ft)</b>		5 / 0.2	10 / 0.4	20 / 0.7	30 / 1.1
<b>Temperature</b>	Working temp. range (°C / °F)	-25 to 150 / -13 to 302	-25 to 150 / -13 to 302	-25 to 150 / -13 to 302	-25 to 150 / -13 to 302
	Temp. stability <sup>1)</sup> (±°C / °F)	0.05 / 0.09	0.05 / 0.09	0.05 / 0.09	0.05 / 0.09
<b>Cooling capacity</b>	at +20°C (+68°F), W	320	380	550	740
	at 0°C (+32°F), W	230	270	420	630
	at -20°C (-4°F), W	80	150	300	470
<b>Dimension</b>	Bath opening / depth (W x D x H, mm / inch)	150 x 99 x 160 / 5.9 x 3.9 x 6.3	211 x 154 x 180 / 8.3 x 6.1 x 7.1	290 x 214 x 200 / 11.4 x 8.4 x 7.9	300 x 264 x 230 / 11.8 x 10.4 x 9.1
	Exterior (W x D x H, mm / inch)	308 x 480 x 733 / 12.1 x 18.9 x 28.9	366 x 532 x 780 / 14.4 x 20.9 x 30.7	386 x 602 x 825 / 15.2 x 23.7 x 32.5	446 x 662 x 895 / 17.6 x 26.1 x 35.2
	Net weight (kg / lbs)	37 / 81.6	44 / 97	60 / 132.2	67 / 147.7
<b>Electrical requirements (230V, 60Hz, A)</b>		11	11	12.5	13.5
<b>Cat. No.</b>		<b>AAH57641K</b>	<b>AAH57651K</b>	<b>AAH57661K</b>	<b>AAH57671K</b>
<b>Electrical requirements (230V, 50Hz, A)</b>		11	11	12.5	13.5
<b>Cat. No.</b>		<b>AAH57642K</b>	<b>AAH57652K</b>	<b>AAH57662K</b>	<b>AAH57672K</b>
<b>Electrical requirements (120V, 60Hz, A)</b>		12.6	12.6		
<b>Cat. No.</b>		<b>AAH57643U</b>	<b>AAH57653U</b>	-	-

Model		RW3-0535P	RW3-1035P	RW3-2035P	RW3-3035P
<b>Bath volume (L / cu ft)</b>		5 / 0.2	10 / 0.4	20 / 0.7	30 / 1.1
<b>Temperature</b>	Working temp. range (°C / °F)	-35 to 150 / -31 to 302	-35 to 150 / -31 to 302	-35 to 150 / -31 to 302	-35 to 150 / -31 to 302
	Temp. stability <sup>1)</sup> (±°C / °F)	0.05 / 0.09	0.05 / 0.09	0.05 / 0.09	0.05 / 0.09
<b>Cooling capacity</b>	at +20°C (+68°F), W	280	450	800	880
	at 0°C (+32°F), W	150	330	660	700
	at -20°C (-4°F), W	80	150	400	440
<b>Dimension</b>	Bath opening / depth (W x D x H, mm / inch)	150 x 99 x 160 / 5.9 x 3.9 x 6.3	211 x 154 x 180 / 8.3 x 6.1 x 7.1	290 x 214 x 200 / 11.4 x 8.4 x 7.9	300 x 264 x 230 / 11.8 x 10.4 x 9.1
	Exterior (W x D x H, mm / inch)	308 x 480 x 733 / 12.1 x 18.9 x 28.9	366 x 532 x 780 / 14.4 x 20.9 x 30.7	386 x 602 x 825 / 15.2 x 23.7 x 32.5	446 x 662 x 895 / 17.6 x 26.1 x 35.2
	Net weight (kg / lbs)	38 / 83.8	44 / 97	60 / 132.2	67 / 147.7
<b>Electrical requirements (230V, 60Hz, A)</b>		12.5	12.5	13.5	14.5
<b>Cat. No.</b>		<b>AAH57741K</b>	<b>AAH57751K</b>	<b>AAH57761K</b>	<b>AAH57771K</b>
<b>Electrical requirements (230V, 50Hz, A)</b>		12.5	12.5	13.5	14.5
<b>Cat. No.</b>		<b>AAH57742K</b>	<b>AAH57752K</b>	<b>AAH57762K</b>	<b>AAH57772K</b>

※ Technical data (according to DIN 12876)

※ In case using silicon oil, you need to exchange other material tube (inlet and out late part), such as copper tube, a teflon tube instead of a silicon tube in fitting.

1) Bath fluid : Ethanol at -10°C / 14°F

## Accessories

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Spring Wire Rack, Test Tube Rack, Silicone Tube, Tubing Insulation, Clamp, Cover, Silicone Oil, Ethylene Glycol, LC GreenBox