

Rapid heating and cooling throughout the entire temperature range.

Specially designed to be used with **Refractometers** and **Viscometers**, RW-G Models feature accurate and stable temperature control capability even at very low temperatures (as low as -35°C) by adopting a powerful pump for both external and internal circulation.



RW-0525G with the included SUS Cover

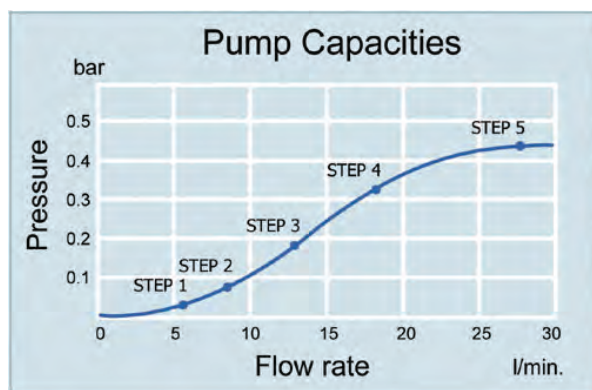
- Included Accessories**
- Stainless steel Flat Cover
 - 30 cm (1 ft) long and $\varnothing 12$ mm Silicone Rubber Tubing
- Optional Accessories**
- Additional Suction Pumps
 - Test Tube Racks and Spring Wire Racks
- ☉ see page 20-21

Operating Features

- Temp. range: from -35°C to 150°C for RW-40G Models.
from -25°C to 150°C for RW-25G Models.
- Microprocessor PID control / automatic tuning / calibration.
- Digital timer for delayed ON / OFF. (from 1 min to 99 hr 59 min)
- Protection against over-temperature and low fluid level.
- Convenient memory function of up to three frequently used temperature settings.
- Digital LED display. (0.1°C resolution)
- Splash-proof keypad.
- RS-232 interface.

Constructional Features

- Suitable for both internal and external bath environment due to reduced turbulence by using five-speed duplex pump and built-in cooling coil. (1 to 3 steps of the pump for internal circulation and 4 and 5 steps for external circulation)
- Isolated design of agitator, heater, and sensor by a baffle plate to minimize the turbulence in the bath fluid and also to protect users and samples against direct contact.
- Protection against low fluid level and dry running by automatic shut down of the heater together with audible and visual alarms.
- Corrosion-resistant, seamless, leak-proof, round-cornered, and easy-to-clean stainless steel reservoir with a drain valve.
- Usage of CFC-free refrigerant (R-134A, R-404A) and a double service valve for leakage prevention.
- Quick-release front grille for easy cleaning of the condenser.
- Compact footprints ideal for cramped lab space.



* Applicable for CW-G, RW-25G, and RW-40G Models
* Bath fluid: water (at the normal Temperature)

Baths & Circulators

Refrigerated & Heating Bath Circulators

Specifications & Ordering Information

RW - 25G Models (for temperature range from -25°C to 150°C)



Model		RW-0525G	RW-1025G	RW-2025G	RW-3025G
Bath Volume (L / cu ft)		5 / 0.2	10 / 0.4	20 / 0.7	30 / 1.1
Working Temperature Range ²⁾ (°C / °F)		-25 to 150 / -13 to 302			
Temperature Stability ¹⁾ (±°C / °F)		0.05 / 0.09	0.05 / 0.09	0.05 / 0.09	0.08 / 0.14
Cooling Capacity	at -20°C (-4°F), W	30	50	260	390
	at 0°C (+32°F), W	230	250	410	570
	at +20°C (68°F), W	320	380	560	680
	Refrigerator	1 / 3 LBP, R-507	1 / 3 LBP, R-507	1 / 2 LBP, R-404A	3 / 4 LBP, R-404A
Pump	Max. Pressure, Max. Flow rate	5.9 PSI (406.8 millibar), 7.4 gallons / minute (28 liters / minute)			
	Max. Suction Flow Rate ³⁾	2.6 gallons / minute (10 liters / minute)			
Dimension	Bath Opening / Depth (WxL, D) (mm / inch)	150x99, 160 / 5.9x3.9, 6.3	211x154, 180 / 8.3x6.1, 7.1	290x214, 200 / 11.4x8.4, 7.9	300x264, 230 / 11.8x10.4, 9
	Overall (WxLxH) (mm / inch)	302x438x690 / 11.9x17.2x27.2	360x490x780 / 14.2x19.3x30.7	380x560x825 / 15x22x32.5	440x620x895 / 17.3x24.4x35.2
	Net Weight (kg / lbs)	37 / 81.6	44 / 97	60 / 132.2	70 / 147.7
Electrical Requirements (230V, 60Hz)		7 A	9.2A	12.8A	13.8A
Cat. No.		AAH57001K	AAH57011K	AAH57021K	AAH57031K
Electrical Requirements (230V, 50Hz)		7 A	9.2A	12.8A	13.8A
Cat. No.		AAH57002K	AAH57012K	AAH57022K	AAH57032K
Electrical Requirements (120V, 60Hz)		12.6A	12.6A	-	-
Cat. No.		AAH57003U	AAH57013U	-	-

* RW-2025G and RW-3025G Models are available ONLY for 230V.

1) Technical data according to DIN 12876.

2) The cooling capacity is measured on a 230V / 60Hz electrical condition.

3) The additional suction function is optional.

Specifications & Ordering Information

RW - 40G Models (for temperature range from -35°C to 150°C)



Model		RW-0540G	RW-1040G	RW-2040G	RW-3040G
Bath Volume (L / cu ft)		5 / 0.2	10 / 0.4	20 / 0.7	30 / 1.1
Working Temperature Range ²⁾ (°C / °F)		-35 to 150 / -31 to 302			
Temperature Stability ¹⁾ (±°C / °F)		0.05 / 0.09	0.05 / 0.09	0.05 / 0.09	0.08 / 0.14
Cooling Capacity	at -20°C (-4°F), W	80	150	400	440
	at 0°C (+32°F), W	150	330	660	700
	at +20°C (68°F), W	280	450	800	880
	Refrigerator	1 / 2 LBP, R-404A	1 / 2 LBP, R-404A	3 / 4 LBP, R-404A	1 LBP, R-404A
Pump	Max. Pressure, Max. Flow rate	5.9 PSI (406.8 millibar), 7.4 gallons / minute (28 liters / minute)			
	Max. Suction Flow Rate ³⁾	2.6 gallons / minute (10 liters / minute)			
Dimension	Bath Opening / Depth (WxL, D) (mm / inch)	150x99, 160 / 5.9x3.9, 6.3	211x154, 180 / 8.3x6.1, 7.1	290x214, 200 / 11.4x8.4, 7.9	300x264, 230 / 11.8x10.4, 9
	Overall (WxLxH) (mm / inch)	302x438x690 / 11.9x17.2x27.2	360x490x780 / 14.2x19.3x30.7	380x560x825 / 15x22x32.5	440x620x895 / 17.3x24.4x35.2
	Net Weight (kg / lbs)	38 / 83.8	44 / 97	60 / 132.2	67 / 147.7
Electrical Requirements (230V, 60Hz)		8.5A	10.7A	13.8A	14.8A
Cat. No.		AAH57101K	AAH57111K	AAH57121K	AAH57131K
Electrical Requirements (230V, 50Hz)		8.5A	10.7A	13.8A	14.8A
Cat. No.		AAH57102K	AAH57112K	AAH57122K	AAH57132K

* RW-40G Models are available ONLY for 230V.

1) Technical data according to DIN 12876.

2) The cooling capacity is measured under 230V / 60Hz electrical condition.

3) Additional suction pump is optional.