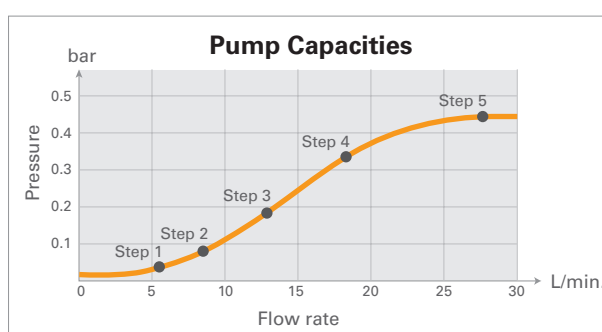


Rapid heating and cooling throughout the entire temperature range.



**REMOTE CONTROL**  
with your **MOBILE DEVICE**  
see page 8-9



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 at the normal temperature.

## RW3-2025

### Standard accessories

- Stainless steel flat cover
- Silicone rubber tubing (305mm length / 12mm inner dia.)

### Optional accessories

see page 30-31

- Test tube racks, Spring wire racks, Gateway



Easy maintenance of condenser by removable gridded vent



Condenser air-filter for refrigerating efficiency



Convenient side handles



## Performance

- Temperature range.
  - RW3-35 models from -35°C to 150°C.
  - RW3-25 models from -25°C to 150°C.
- Optimum refrigeration system by Microprocessor PID control. Energy efficient refrigeration operation is available within full range of temperature control.
- Three point temperature calibration / Automatic tuning / Automatic run.
- Suitable for both internal and external bath environments due to reduced turbulence by using five-speed adjustable pump and built-in cooling coil. (1 to 3 steps of the pump for internal circulation and 4 to 5 steps for external circulation)

## Convenience

- Bright VFD display with quick adjustable dial knob. (0.1°C resolution)
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Convenient memory function of up to three frequently set temperature.

- Corrosion-resistant, leak-proof, round-cornered, and easy-to-clean stainless steel bath with easy access drain valve.
- Detachable condenser air-filter for easy maintenance of refrigerating efficiency.
- CFC-free refrigerant (R-507, R-404A) and a double service valve for leakage prevention.
- Quick-release front grill for easy cleaning of the condenser.
- Built-in RS-232 port and USB port for external control and data collection.
- Side handles enables convenience handling and transport.

## Safety

- 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.
- Complete safety protection system with warning alarms.
  - Low fluid level and dry-running, over-temperature, over-current.
- Keypad lock function prevents accidental changes during operation.

### for temperature range from -25°C to 150°C

Model	RW3-0525	RW3-1025	RW3-2025	RW3-3025	
Bath volume (L / cu ft)	5 / 0.2	10 / 0.4	20 / 0.7	30 / 1.1	
Working temperature range (°C / °F)	-25 to 150 / -13 to 302				
Temperature stability <sup>1)</sup> (±°C / °F)	0.05 / 0.09				
Cooling capacity <sup>2)</sup> (bath fluid: ethanol)	at -20°C (-4°F), W	140	180	310	
	at 0°C (+32°F), W	270	360	610	
	at +20°C (+68°F), W	400	560	850	
	Refrigerator	1/3 LBP, R-507	1/3 LBP, R-507	1/2 LBP, R-404A	3/4 LBP, R-404A
Pump (bath fluid: water)	Max. pressure	5.9 PSI (406.8 millibar)			
	Max. flow rate	28 liters / minute (7.4 gallons / 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
	Exterior (WxLxH) (mm / inch)	308x480x733 / 12.1x18.9x28.9	366x532x780 / 14.4x20.9x30.7	386x602x825 / 15.2x23.7x32.5	446x662x895 / 17.6x26.1x35.2
	Net weight (kg / lbs)	38 / 83.8	44 / 97	60 / 132.2	67 / 147.7
	Electrical requirements (230V, 60Hz)	11A	11A	12.5A	13.5A
<b>Cat. No.</b>	<b>AAH57041K</b>	<b>AAH57051K</b>	<b>AAH57061K</b>	<b>AAH57071K</b>	
Electrical requirements (230V, 50Hz)	11A	11A	12.5A	13.5A	
<b>Cat. No.</b>	<b>AAH57042K</b>	<b>AAH57052K</b>	<b>AAH57062K</b>	<b>AAH57072K</b>	
Electrical requirements (120V, 60Hz)	12.6A	12.6A			
<b>Cat. No.</b>	<b>AAH57043U</b>	<b>AAH57053U</b>	-	-	

### for temperature range from -35°C to 150°C

Model	RW3-0535	RW3-1035	RW3-2035	RW3-3035	
Bath volume (L / cu ft)	5 / 0.2	10 / 0.4	20 / 0.7	30 / 1.1	
Working temperature range (°C / °F)	-35 to 150 / -31 to 302				
Temperature stability <sup>1)</sup> (±°C / °F)	0.05 / 0.09				
Cooling capacity <sup>2)</sup> (bath fluid: ethanol)	at -20°C (-4°F), W	140	180	310	
	at 0°C (+32°F), W	270	360	610	
	at +20°C (+68°F), W	400	560	850	
	Refrigerator	1/2 LBP, R-404A	1/2 LBP, R-404A	3/4 LBP, R-404A	1 LBP, R-404A
Pump (bath fluid: water)	Max. pressure	5.9 PSI (406.8 millibar)			
	Max. flow rate	28 liters / minute (7.4 gallons / 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
	Exterior (WxLxH) (mm / inch)	308x480x733 / 12.1x18.9x28.9	366x532x780 / 14.4x20.9x30.7	386x602x825 / 15.2x23.7x32.5	446x662x895 / 17.6x26.1x35.2
	Net weight (kg / lbs)	38 / 83.8	44 / 97	60 / 132.2	67 / 147.7
	Electrical requirements (230V, 60Hz)	12.5A	12.5A	13.5A	14.5A
<b>Cat. No.</b>	<b>AAH57141K</b>	<b>AAH57151K</b>	<b>AAH57161K</b>	<b>AAH57171K</b>	
Electrical requirements (230V, 50Hz)	12.5A	12.5A	13.5A	14.5A	
<b>Cat. No.</b>	<b>AAH57142K</b>	<b>AAH57152K</b>	<b>AAH57162K</b>	<b>AAH57172K</b>	

1) Technical data according to DIN 12876. (bath fluid : ethanol at -10°C)

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

※ FDA establishment registered company. FDA listed products.