

RW-1025P Refrigerated & Heating Bath Circulators (Programmable)

Manufacturer:

SKU#: 8194-10-0018

New developed bath circulator with the intelligent controller brings the best intuitive control performance to your laboratory.

- Unattended operation is absolutely available with the intelligent programmable controller.
- Our new controller performs any sophisticated control depending on exactly how you plan the scheduler.
- Simply touch the easy icons on the LCD controller to set scheduler.



Product Description

Intelligent program control. 10 programs available for temperature ramp up and dwell control. 10 steps per a program and 99 hours 59 minutes per a step. Stored programs are easily linkable. Programs can be repeated up to 99 cycles. Pre-heating and heating time are settable before program starts. Microprocessor PID control / automatic tuning / auto run. Operating Features Temp. range: from -35 to 150 for RW-40P Models. from -25 to 150 for RW-25P Models. 3-temp. range specific calibration. (For more accurate and precise temperature control, It has equipped three temperature range specific calibration function to satisfy users with better test result.) Digital timer for delayed ON / OFF. (from 1 min to 99 hr 59 min) Protection against over-temperature and low fluid level. Digital input and output control function for interlocking external devices. Colorful LCD display with interactive input system 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 auto-matic 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-507, 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/P, RW-25G/P, and RW-40G/P Models * Bath fluid: water (at the normal Temperature)

RW-1025P Refrigerated & Heating Bath Circulators (Programmable) Specification

Model	RW-0525P	RW-1025P	RW-2025P	RW-3025P
Bath Volume (L / cu ft)	5 / 0.2	10 / 0.4	20 / 0.7	30 / 1.1
Working Temperature Range (/)	-25 to 150 / -13 to 302			
Temperature Stability (/ 0.05 / 0.09) at -10				
Cooling Capacity	at -20 (-4), W	30	50	260
	at 0 (+32), W	230	250	410

	at +20 (68), W	320	380	560
	Refrigerator	1 / 3 LBP, R-507	1 / 3 LBP, R-507	1 / 2 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 ¹⁾	2.6 gallons / minute (10 liters / minute)			
Dimension	Bath Opening / Depth (W L, D) (mm / inch)	150 99, 160 / 5.9 3.9, 6.3	211 154, 180 / 8.3 6.1, 7.1	290 214, 200 / 11.4 8.4, 7.9
Overall (W L H) (mm / inch)	302 438 690 / 11.9 17.2 27.2	360 490 780 / 14.2 19.3 30.7	380 560 825 / 15 22 32.5	440 620 895 / 17.3 24.4 35.2
Net Weight (kg / lbs)	37 / 81.6	44 / 97	60 / 132.2	70 / 147.7
Electrical Requirements (230V, 60Hz)	7A	9.2A	12.8A	13.8A
Cat. No.	AAH57304K	AAH57305K	AAH57306K	AAH57307K
Electrical Requirements (230V, 50Hz)	7A	9.2A	12.8A	13.8A
Cat. No.	AAH57204K	AAH57205K	AAH57206K	AAH57207K
Electrical Requirements (120V, 60Hz)	12.6A	12.6A	-	-
Cat. No.	AAH57104U	AAH57105U		

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