

# Heating Baths

BW-05B/10B/20B/05H/10H/20H/0505H/0510H/1010H/1020H (up to 100°C)

Heating Baths (economy)

Economical water baths for optimal temperature control



Analog Models (BW-10B)  
with optional gable cover



Digital Models (BW-10H)  
with optional gable cover



Dual Models (BW-0510H)  
with optional open-rings cover



Analog Models		BW-05B		BW-10B		BW-20B		
Bath Volume (L / cu ft)		3.5 / 0.1		11.5 / 0.4		20 / 0.7		
Working Temperature Range (°C / °F)		Amb. +7 to 100 / Amb. +12.6 to 212						
Temperature Stability <sup>1)</sup> (±°C / °F)		0.5 / 0.9						
Dimension	Bath Opening / Depth (WxL, D) (mm / inch)	240x136, 115 / 9.4x5.4, 4.5		300x240, 165 / 11.8x9.5, 6.5		498x300, 165 / 19.6x11.8, 6.5		
	Overall (WxLxH, H) (mm / inch)	303x242x245 / 11.9x9.5x9.6		357x330x290 / 14.1x13x11.4		564x392x290 / 22.2x15.4x11.6		
	Net Weight (kg / lbs)	6.5 / 14.3		10 / 22		18.5 / 40.8		
Electrical Requirements (230V)		60Hz, 3 A		50Hz, 3 A		60Hz, 8.7A		
Cat. No.		AAH46011K		AAH46012K		AAH46031K		
Electrical Requirements (120V)		60Hz, 5.8A		60Hz, 8.3A		60Hz, 8.3A		
Cat. No.		AAH46013U		AAH46023U		AAH46033U		
Digital & Dual Models		BW-05H	BW-10H	BW-20H	BW-0505H	BW-0510H	BW-1010H	BW-1020H
Bath Volume (L / cu ft)		3.5 / 0.1	11.5 / 0.4	20 / 0.7	3.5&3.5 / 0.1&0.1	3.5&11.5 / 0.1&0.4	11.5&11.5 / 0.4&0.4	11.5&20 / 0.4&0.7
Working Temperature Range (°C / °F)		Amb. +5 to 100 / Amb. +9 to 212						
Temperature Stability <sup>1)</sup> (±°C / °F)		±0.1 / 0.18						
Dimension	Bath Opening / Depth (WxL, D & WxL, D) (mm / inch)	240x136, 150 / 9.4x5.4, 5.9	300x240, 200 / 11.8x9.5, 7.9	498x300, 200 / 19.6x11.8, 7.9	240x136, 150 / 9.4x5.4, 5.9	240x136, 150 / 9.4x5.4, 5.9 & 11.8x9.5, 7.9	300x240, 200 / 11.8x9.5, 7.9	300x240, 200 / 11.8x9.5, 7.9 & 19.6x11.8, 7.9
	Overall (WxL, D & WxL, D) (mm / inch)	307x216x266 / 12.1x8.5x10.5	364x316x318 / 14.3x12.4x12.5	564x372x318 / 22.2x14.6x12.5	590x200x265 / 23.2x7.8x10.4	544x300x318 / 21.4x11.8x12.5	706x300x318 / 27.8x11.8x12.5	844x356x318 / 33.2x14.6x12.5
	Net Weight (kg / lbs)	6.5 / 14.3	9.5 / 21	15.5 / 34.2	9.7 / 21.3	12.4 / 27.3	14 / 30.8	17.6 / 38.7
Electrical Requirements (230V, 50 / 60Hz)		3.0A	4.3A	8.7A	3 & 3 A	3 & 4.3A	4.3A & 4.3A	4.3A & 8.7A
Cat. No.		AAH45115K	AAH45125K	AAH45135K	AAH47115K	AAH47125K	AAH47135K	AAH47145K
Electrical Requirements (120V, 60Hz)		5.8A	8.3A	8.3A	5.8A & 5.8A	5.8A & 8.3A	8.3A & 8.3A	8.3A & 8.3A
Cat. No.		AAH45113U	AAH45123U	AAH45133U	AAH47113U	AAH47123U	AAH47133U	AAH47143U

1) Technical data according to DIN 12876.



## Common Features

Low-profile design with sloped control panel for easier access and better safety

Additional inner circulation system using our patented agitator (for Digital & Dual Models)

Individually programmable and temperature controllable dual reservoirs (for Dual Models)

## Operating Features of BW-H

+5°C above room temp. to 100°C

Microprocessor PID temp. control

Over-temperature protection with alarm

Digital LED displays of temp. readouts and set. temperature values to 0.1°C or 1°C

## Operating Features of BW-B

+7°C above room temp. to 100°C

On / Off temperature control

Over-temperature protection with alarm

Analog knob with fine adjustment

## Accessories

For detailed information of accessories, please refer to the page 14-17.

# Heating Baths

BW-05G/10G/20G (Amb. +5 to 100°C)

Heating Baths (general)

Outstanding temperature control  
water baths for diverse applications



Model		BW-05G	BW-10G	BW-20G
Bath Volume (L / cu ft)		5 / 0.2	10 / 0.4	20 / 0.7
Working Temperature Range (°C / °F)		Amb. +5 to 100 / Amb. +9 to 212		
Temperature Stability <sup>1)</sup> (± °C / °F)		0.2 / 0.36		
Dimension	Bath Opening / Depth (W×L, D) (mm / inch)	231×150, 160 / 9.1×5.9, 6.3	285×211, 180 / 11.2×8.3, 7.1	345×290, 200 / 13.6×11.4, 7.9
	Overall / with Gable Cover (W×L×H) (mm / inch)	355×260×334 / 14×10.2×13.1	410×311×354 / 16.1×12.2×14	471×390×374 / 18.5×15.4×14.7
	Net Weight (kg / lbs)	10 / 22	14 / 31	18 / 40
Electrical Requirements (230V, 50 / 60Hz)		3 A	4.4 A	8.7 A
Cat. No.		AAH41405K	AAH41415K	AAH41425K
Electrical Requirements (120V, 50 / 60Hz)		5.8 A	8.3 A	8.3 A
Cat. No.		AAH41406U	AAH41416U	AAH41426U

1) Technical data according to DIN 12876.



+5°C above room temp. to  
100°C

Microprocessor PID control/  
Automatic tuning/ Calibration

Digital timer for delayed  
ON / OFF (from 1 min to 99 hr 59 min)

Protection against over-temp.  
and low fluid level

Convenient memory function  
of up to three frequently  
used temperature settings

Protection against low fluid  
level and dry-running with  
audible and visual alarms

Automatic shut down of the  
heater following the alarms

Isolated design of heater,  
and sensor by a baffle plate  
to protect users and samples  
against direct contact

Digital LED display (0.1°C resolution)

Splash-proof keypad

Corrosion-resistant stainless  
steel construction of all wetted  
parts allowing other bath fluids  
as well as water and silicone  
fluids

Low-profile reservoir design  
with easy-to-use digital  
controller with dual LED  
displays



• Stainless Steel Flat Type Cover