6 Liter Stainless Steel Open Bath System

AP06S150

Key Specifications

Description	6 L Open Bath System
Controller Type	Advanced Programmable
Display	4.3" SmartTouch Touchscreen
Connectivity	Ethernet, USB A & B, RS232/addressable RS485, External Temperature Probe
Languages Supported	6: French, German, Spanish, Chinese, Arabic, English
Time/Temperature Programs & Steps	Ten 100-step programs
Swivel 180 Rotating Controller	Yes
Working Temperature Range °C	Ambient +10° to 150°
Temperature Stability °C	±0.01°
Fluid Optimization/Specific Heat Tuning	Automatic and/or user-adjustable
Temperature Calibration Capability	5-point
Working Access (L x W x D) (cm)	10 x 11 x 15.2 cm
Pump Type	Pressure/Suction

External Temperature Control Capability	Yes
Flammability Class (DIN 12876-1)	I (NFL)

Key Features

STAINLESS STEEL OPEN BATHS

Features

- Working temperatures from ambient +10° up to 150°C
- Advanced Programmable, Advanced Digital or MX Temperature Controller
- 6, 10, 20 or 28 liter reservoir
- DuraTop™ Chemical Resistant Bridge, Swivel 180™ Rotating Controller (on Advanced Programmable and Advanced Digital models)
- Lidded opening for optional cooling coil (10, 20 and 28 liter models)
- External circulation capability
- Complies with DIN 12876-1 Class I safety requirements for use with non-flammable liquids
- Includes bath cover

Select a Controller

	Advanced Programmable (AP)	Advanced Digital (AD)	MX
Temperature Stability	±0.01°C	±0.01°C	±0.07°C
Pump Type	Pressure/Suction, Variable-Speed	Pressure/Suction,Variable-Speed	Pressure Only,1-Speed
Programmability	Ten 100-step programs	N/A	N/A
Connectivity	USB-A & B, Ethernet, RS-232/RS-485, External Temperature Probe	USB-A & B, Ethernet, RS-232/RS-485, External Temperature Probe	N/A

Select a Reservoir

6 Liter	10 Liter	20 Liter	28 L

Maximum Temperature	Advanced Programmable: 150°C	Advanced Programmable: 150°C	Advanced Programmable: 150°C	Ad 15
	Advanced Digital: 150°C	Advanced Digital: 150°C	Advanced Digital: 150°C	Ad
	MX: 135°C	MX: 135°C	MX: 135°C	M)
Working Access (L x W x H)	3.9 x 4.3 x 6 in 10 x 11 x 15.2 cm	3.9 x 10.1 x 6 in 9.9 x 25.5 x 15.2 cm	10.4 x 9 x 6 in 26.4 x 22.8 x 15.2 cm	10 25

Common Specifications

Working Temperature Range °F	Ambient +20° to 302°
Working Temperature Range °C	Ambient +10° to 150°
Reservoir Capacity (gallons)	1.58
Reservoir Capacity (liters)	6
Reservoir/Tank Material	Stainless Steel
Reservoir Cover	Included
DuraTop	Yes
Working Access (L x W x D) (inches)	3.9 x 4.3 x 6 in
Working Access (L x W x D) (cm)	10 x 11 x 15.2 cm
Temperature Stability °F	±0.02°
Temperature Stability °C	±0.01°
Display	4.3" SmartTouch Touchscreen
Display Resolution (Set)	0.01
Display Resolution (Read)	0.001
Pump Type	Pressure/Suction
Pump Speed	Variable
Process Connections	1/4" (F) NPT
External Temperature Control Capability	Yes
Flammability Class (DIN 12876-1)	I (NFL)
Over-Temperature Protection / Failsafe Heater Control	Yes
Low Liquid Level Protection	Yes
Included Software	PolyTemp Viewer, TDMS file viewer, USB driver, Time/Temperature Program Generator, PolyTemp Remote iPhone application

Maximum Ambient Temperature °F	95°
Maximum Ambient Temperature °C	35°
Overall Dimensions (L x W x H) (inches)	13.4 x 8.1 x 14.9 in
Overall Dimensions (L x W x H) (cm)	34 x 20.6 x 37.8 cm
Environmental Compliance	RoHS, WEEE
Shipping Weight (pounds)	26.0
Shipping Weight (kilograms)	11.8
Catalog Page Number	62-63

60 Hz Only

Part Number	AP06S150-A11B
Maximum Pressure (psi)	4.3
Maximum Pressure (bar)	0.30
Maximum Pressure Flow Rate (gpm)	5.30
Maximum Pressure Flow Rate (l/min)	20.1
Maximum Suction Flow Rate (gpm)	3.9
Maximum Suction Flow Rate (l/min)	14.7
Included Hardware	Nylon hose adapters for 3/8", 1/4", and 3/16"
Heater Wattage	1100
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/10
Regulatory Approvals	ETL

50 Hz Only

Part Number	AP06S150-A12E
Maximum Pressure (psi)	3.6
Maximum Pressure (bar)	0.25
Maximum Pressure Flow Rate (gpm)	4.40
Maximum Pressure Flow Rate (l/min)	16.7
Maximum Suction Flow Rate (gpm)	3.2
Maximum Suction Flow Rate (l/min)	12.2
Included Hardware	Nylon hose adapters for 3/8", 1/4", and 3/16", and 1/4" NPT to M16 adapter
Heater Wattage	2200

Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/10
Regulatory Approvals	CE