

6 Liter Stainless Steel Open Bath System



AD06S150

Key Specifications

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|--|---|
| Description | 6 L Open Bath System |
| Controller Type | Advanced Digital |
| Display | 3.75" Touch-Pad LCD |
| Connectivity | Ethernet, USB A & B, RS232/addressable RS485, External Temperature Probe |
| Languages Supported | 4: French, German, Spanish, English |
| 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 | 1-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

| | <u>Advanced Programmable (AP)</u> | <u>Advanced Digital (AD)</u> | <u>MX</u> |
|------------------------------|---|--|------------------------|
| Temperature Stability | ±0.005°C | ±0.01°C | ±0.07°C |
| Pump Type | Pressure/Suction, Variable-Speed | Pressure/Suction, Variable-Speed | Pressure Only, 1-Speed |
| Programmability | OpenMode - unlimited programs and steps | N/A | N/A |
| Connectivity | USB-A & B, Ethernet, RS-232/RS-485, Remote On/Off, External Temperature Probe | USB-A & B, Ethernet, RS-232/RS-485, External Temperature Probe | N/A |

Select a Reservoir

| | <u>6 Liter</u> | <u>10 Liter</u> | <u>20 Liter</u> | |
|-----------------------------------|--|--|--|--|
| Maximum Temperature | Advanced Programmable: 150°C Advanced Digital: 150°C MX: 135°C | Advanced Programmable: 150°C Advanced Digital: 150°C MX: 135°C | Advanced Programmable: 150°C Advanced Digital: 150°C MX: 135°C | Advanced Programmable: 150°C Advanced Digital: 150°C MX: 135°C |
| 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 | 10.1 x 8 25.7 x 2 |

Common Specifications

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| 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 | 3.75" Touch-Pad LCD |
| Display Resolution (Set) | 0.01 |
| Display Resolution (Read) | 0.01 |
| 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, USB driver |
| 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

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|---|---------------|
| Part Number | AD06S150-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 |

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| 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

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| Part Number | AD06S150-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 |



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