

# 10 Liter Stainless Steel Open Bath System



MX10S135

## Key Specifications

<b>Description</b>	10 L Open Bath System
<b>Controller Type</b>	MX
<b>Display</b>	3.25" LCD
<b>Languages Supported</b>	English
<b>Working Temperature Range °C</b>	Ambient +10° to 135°
<b>Temperature Stability °C</b>	±0.07°
<b>Temperature Calibration Capability</b>	1-point
<b>Working Access (L x W x D) (cm)</b>	9.9 x 25.5 x 15.2 cm
<b>Pump Type</b>	Pressure
<b>Flammability Class (DIN 12876-1)</b>	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>
<b>Temperature Stability</b>	±0.005°C	±0.01°C	±0.07°C
<b>Pump Type</b>	Pressure/Suction, Variable-Speed	Pressure/Suction, Variable-Speed	Pressure Only, 1-Speed
<b>Programmability</b>	Unlimited programs and steps	N/A	N/A
<b>Connectivity</b>	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>	
<b>Maximum Temperature</b>	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
<b>Working Access (L x W x H)</b>	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

<b>Working Temperature Range °F</b>	Ambient +20° to 275°
<b>Working Temperature Range °C</b>	Ambient +10° to 135°
<b>Reservoir Capacity (gallons)</b>	2.64
<b>Reservoir Capacity (liters)</b>	10
<b>Reservoir/Tank Material</b>	Stainless Steel

<b>Reservoir Cover</b>	Included
<b>DuraTop</b>	Yes
<b>Working Access (L x W x D) (inches)</b>	3.9 x 10.1 x 6 in
<b>Working Access (L x W x D) (cm)</b>	9.9 x 25.5 x 15.2 cm
<b>Temperature Stability °F</b>	±0.13°
<b>Temperature Stability °C</b>	±0.07°
<b>Display</b>	3.25" LCD
<b>Display Resolution (Set)</b>	0.1
<b>Display Resolution (Read)</b>	0.1
<b>Pump Type</b>	Pressure
<b>Pump Speed</b>	One
<b>Process Connections</b>	1/2" O.D. Barbed Tubes
<b>Flammability Class (DIN 12876-1)</b>	I (NFL)
<b>Over-Temperature Protection / Failsafe Heater Control</b>	Yes
<b>Low Liquid Level Protection</b>	Yes
<b>Cooling Coil</b>	Accessory
<b>Maximum Ambient Temperature °F</b>	95°
<b>Maximum Ambient Temperature °C</b>	35°
<b>Overall Dimensions (L x W x H) (inches)</b>	13.9 x 13.5 x 16 in
<b>Overall Dimensions (L x W x H) (cm)</b>	35.3 x 34.2 x 40.6 cm
<b>Environmental Compliance</b>	RoHS, WEEE
<b>Shipping Weight (pounds)</b>	39.0
<b>Shipping Weight (kilograms)</b>	17.7
<b>Catalog Page Number</b>	62-63

## 60 Hz Only

<b>Part Number</b>	MX10S135-A11B
<b>Maximum Pressure (psi)</b>	2.3
<b>Maximum Pressure (bar)</b>	0.16
<b>Maximum Pressure Flow Rate (gpm)</b>	3.60
<b>Maximum Pressure Flow Rate (l/min)</b>	13.5
<b>Included Hardware</b>	Fitting Kit for External Applications
<b>Heater Wattage</b>	1100
<b>Electrical Requirements (VAC/Hz/Ph/A)</b>	120/60/1/10
<b>Regulatory Approvals</b>	ETL

## 50 Hz Only

<b>Part Number</b>	MX10S135-A12E
<b>Maximum Pressure (psi)</b>	1.8
<b>Maximum Pressure (bar)</b>	0.12

<b>Maximum Pressure Flow Rate (gpm)</b>	3.10
<b>Maximum Pressure Flow Rate (l/min)</b>	11.9
<b>Included Hardware</b>	Fitting Kit for External Applications
<b>Heater Wattage</b>	1100
<b>Electrical Requirements (VAC/Hz/Ph/A)</b>	240/50/1/6
<b>Regulatory Approvals</b>	CE



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