

## 7 Liter Heated Circulator



MX07H135

### Key Specifications

|                                    |                          |
|------------------------------------|--------------------------|
| Description                        | 135, 7 L Htg. Circulator |
| Controller Type                    | MX                       |
| Display                            | 3.25" LCD                |
| Languages Supported                | English                  |
| Working Temperature Range °C       | Ambient +10° to 135°     |
| Temperature Stability °C           | ±0.07°                   |
| Temperature Calibration Capability | 1-point                  |
| Working Access (L x W x D) (cm)    | 15.7 x 14.2 x 12.7 cm    |
| Pump Type                          | Pressure                 |
| Flammability Class (DIN 12876-1)   | I (NFL)                  |

### Key Features

MX Controller

Key Features

- Large, universal icon and English display
- On-screen prompts
- Single-point calibration capability

## Common Specifications

|  |                        |
|--|------------------------|
| Working Temperature Range °F                             | Ambient + 20° to 275°  |
| Working Temperature Range °C                             | Ambient +10° to 135°   |
| Reservoir Capacity (gallons)                             | 1.85                   |
| Reservoir Capacity (liters)                              | 7                      |
| Reservoir/Tank Material                                  | Stainless Steel        |
| Reservoir Cover  | Included               |
| DuraTop  | Yes                    |
| LidDock  | Yes                    |
| Working Access (L x W x D) (inches)                      | 6.18 x 5.59 x 5 in     |
| Working Access (L x W x D) (cm)                          | 15.7 x 14.2 x 12.7 cm  |
| Temperature Stability °F                                 | ±0.13°                 |
| Temperature Stability °C                                 | ±0.07°                 |
| Display  | 3.25" LCD              |
| Display Resolution (Set)                                 | 0.1                    |
| Display Resolution (Read)                                | 0.1                    |
| Pump Type  | Pressure               |
| Pump Speed   | One                    |
| Process Connections                                      | 1/2" O.D. Barbed Tubes |
| Flammability Class (DIN 12876-1)                         | I (NFL)                |
| Over-Temperature Protection /<br>Failsafe Heater Control | Yes                    |
| Low Liquid Level Protection                              | Yes                    |
| Reservoir Drain  | Yes                    |
| Cooling Coil   | Yes                    |
| Maximum Ambient Temperature °F                           | 95°                    |
| Maximum Ambient Temperature °C                           | 35°                    |
| Overall Dimensions (L x W x H)<br>(inches)               | 19.6 x 8.7 x 17.2 in   |
| Overall Dimensions (L x W x H) (cm)                      | 49.9 x 22.1 x 43.7 cm  |
| Environmental Compliance                                 | RoHS, WEEE             |
| Shipping Weight (pounds)                                 | 36.0                   |

|                             |       |
|-----------------------------|-------|
| Shipping Weight (kilograms) | 16.3  |
| Catalog Page Number         | 60-61 |

## 60 Hz Only

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Part Number                           | MX07H135-A11B                         |
| Maximum Pressure (psi)                | 2.3                                   |
| Maximum Pressure (bar)                | 0.16                                  |
| Maximum Pressure Flow Rate (gpm)      | 3.60                                  |
| Maximum Pressure Flow Rate (l/min)    | 13.5                                  |
| Included Hardware                     | Fitting Kit for External Applications |
| Heater Wattage                        | 1100                                  |
| Electrical Requirements (VAC/Hz/Ph/A) | 120/60/1/10                           |
| Regulatory Approvals                  | ETL                                   |

## 50 Hz Only

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Part Number                           | MX07H135-A12E                         |
| Maximum Pressure (psi)                | 1.8                                   |
| Maximum Pressure (bar)                | 0.12                                  |
| Maximum Pressure Flow Rate (gpm)      | 3.10                                  |
| Maximum Pressure Flow Rate (l/min)    | 11.9                                  |
| Included Hardware                     | Fitting Kit for External Applications |
| Heater Wattage                        | 1100                                  |
| Electrical Requirements (VAC/Hz/Ph/A) | 240/50/1/6                            |
| Regulatory Approvals                  | CE                                    |

Accurate Thermal Systems LLC  
4104 Sylon Blvd  
Hainesport, NJ 08036  
PH: 609-326-3190  
www.accuthermal.com  
sales@accuthermal.com

