

# 15 Liter Refrigerated Circulator, -30°C



MX15R-30

## Key Specifications

<b>Description</b>	-30, 15 L Ref. Circulator
<b>Controller Type</b>	MX
<b>Display</b>	3.25" LCD
<b>Working Temperature Range °C</b>	-30° 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>	21.2 x 27.6 x 14 cm
<b>Pump Type</b>	Pressure
<b>Flammability Class (DIN 12876-1)</b>	I (NFL)

**Electrical Plug Options** [Part numbers listed are Standard U.S. and European types. Country specific plug types available.](#) Contact your [regional distributor to order.](#)

## Key Features

## MX Controller

### Key Features

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

### Common Specifications

<b>Working Temperature Range °F</b>	-22° to 275°
<b>Working Temperature Range °C</b>	-30° to 135°
<b>Nominal Cooling Capacity @ +20C (W)</b>	915
<b>Reservoir Capacity (gallons)</b>	3.96
<b>Reservoir Capacity (liters)</b>	15
<b>Reservoir/Tank Material</b>	Stainless Steel
<b>Reservoir Cover</b>	Included
<b>DuraTop</b>	Yes
<b>LidDock</b>	Yes
<b>Cleanable Air Filter</b>	Yes
<b>Working Access (L x W x D) (inches)</b>	8.35 x 10.88 x 5.5 in
<b>Working Access (L x W x D) (cm)</b>	21.2 x 27.6 x 14 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>WhisperCool Environmental Control Technology</b>	Yes
<b>Cool Command Refrigeration Technology</b>	Yes
<b>Reservoir Drain</b>	Yes
<b>Maximum Ambient Temperature °F</b>	95°
<b>Maximum Ambient Temperature °C</b>	35°
<b>Overall Dimensions (L x W x H) (inches)</b>	22.4 x 14.5 x 28 in
<b>Overall Dimensions (L x W x H) (cm)</b>	56.9 x 36.8 x 71.1 cm
<b>Refrigerant</b>	R404A
<b>Environmental Compliance</b>	RoHS, WEEE

Shipping Weight (pounds)	112.0
Shipping Weight (kilograms)	50.7
Catalog Page Number	44-45

## 60 Hz Only

Part Number	MX15R-30-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
Cooling Capacity @ -20°C (W)	165
Cooling Capacity @ 0°C (W)	505
Cooling Capacity @ +20°C (W)	915
Cooling Capacity @ +100°C (W)	915
Included Hardware	Fitting Kit for External Applications
Heater Wattage	1100
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/13
Regulatory Approvals	ETL

## 50 Hz Only

Part Number	MX15R-30-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
Cooling Capacity @ -20°C (W)	165
Cooling Capacity @ 0°C (W)	505
Cooling Capacity @ +20°C (W)	915
Cooling Capacity @ +100°C (W)	915
Included Hardware	Fitting Kit for External Applications
Heater Wattage	1100
Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/10
Regulatory Approvals	CE



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