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- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
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**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

**Lauda® RM Refrigerating Circulators**



The RM Series of refrigerating circulators provides precise temperature control and maximum cooling capacity to closed-loop systems. Compact Model RM6 features a 6L bath reservoir and a cooling capacity of 440 watts (1500BTU/hr at 20°C) in a narrow 7.9-inch width. Both RM6 models are supplied with a stainless steel bath cover.

Model RM20 provides 475 watts (1620 BTU/hr at 20°C) cooling capacity and a large 20L stainless steel reservoir for immersion applications. An 11.8 x 13.8-inch work area can easily accommodate large flasks and test tube racks. All RM models are supplied with a convenient bath drain and sturdy carrying handles. Bath liquid contacts only stainless steel.

**Energy-saving temperature control.**

Proportional Integral Differential (PID) temperature control saves energy by adjusting the 1000-watt heater power to correspond with effective demand, and compensates for temperature drift to achieve the highest level of accuracy.

**CFC-free cooling system.**

Below 40°C, the refrigeration system operates continuously. Above 40°C the compressor can be shut off manually for more efficient heating. All Lauda RM models use R-134a, an environmentally safe, CFC-free refrigerant.

**Controller choices.**

To meet most application needs, RM Refrigerating Circulators are offered with a choice of controllers.

**B Controller**



Unique combination of reliability and affordability.

- Temperature range from -20 to 120°C
- Control accuracy to ±0.02°C
- High-resolution LCD display of actual/set temperature
- Adjustable over-temperature/low-liquid-level shutoff with visual indicator

All RM-B models are supplied with a low-pressure pump for circulation to closed external systems. A 9L/min flow rate is ideal for circulation to fragile, sensitive equipment.

**S Controller**

Sophisticated control and superior quality.

- Temperature range from -20 to 150°C
- Control accuracy to ±0.01°C
- Bright, easy-to-read LED display of actual/set temperature
- Adjustable over-temperature shutoff with visual indicator
- Independent, low-liquid-level shutoff
- 10mV/°C multifunction input/output



RM-S models have a high output pressure pump of 13L/min for closed-loop systems that need fast heat removal or for applications requiring greater pressure, e.g. smaller diameter tubing.

**Computer control and monitoring.**

A 9-pin multifunction input/output connector with a 10mV/°C signal allows monitoring of temperature stability via chart recorder or linear temperature changes using a Lauda programming accessory .

**Applications**

- Distillation condensers
- Electrophoresis systems
- Invar stabilized lasers
- Refractometers
- Spectrophotometers

**Accessories**

- Bath liquids
- Insulated tubing
- RS-232 interface, Model R-61/2
- Stainless steel bath covers
- Tube racks

**Ordering Information and Quick Specs**

Model	Catalog No.	Operating Range (°C)	Control Accuracy (°C)	Cooling Capacity (watts at 20°C)	Reservoir Capacity (L)	List Price
RM6-B	27-80 520-5	-20 to 120	±0.02	440	6	\$2,595.00
RM6-S	27 80 540-0	-20 to 150	±0.01	440	6	3,645.00
RM20-B	27 80 560-4	-20 to 120	±0.02	475	20	3,780.00
RM20-S	27 80 580-9	-20 to 150	±0.01	475	20	4,770.00

Prices are subject to change without notice.

 Order from your [laboratory supply distributor](#)



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