

PRODUCT DATA SHEET

Proline Kryomat RP 4090 CW

The Proline Kryomats are floor-standing, low temperature thermostats suitable for a wide variety of applications. They never fail to impress through their compact design and high cooling capacities, especially at low temperatures. All Proline Kryomats are fitted with the Command remote control for easy and user-friendly operation. The units are equipped with a pressure pump optimized for internal use. Extra powerful cooling thermostats for bath applications from -90 up to 200 °C. LAUDA Proline Kryomats circulation pumps are adjustable from performance level five to eight. To prevent moisture in the atmosphere from condensing at low temperatures, bath bridge and bath edge heating are integrated into the design. Proline Kryomats stand out for having the latest technologies and an excellent price-performance ratio.



Working temperature min.
-90 °C



Working temperature max.
200 °C

Technical Attributes

Working temperature min.

Working temperature max.

Ambient temperature min.

Ambient temperature max.

Temperature stability

Application

Heater power

Cooling output at 20°C measured with ethanol

Cooling output at 0°C measured with ethanol

Cooling output at -20°C measured with ethanol

Cooling output at -30°C measured with ethanol

Cooling output at -40°C measured with ethanol

Cooling output at -50°C measured with ethanol

Cooling output at -60°C measured with ethanol

Cooling output at -70°C measured with ethanol

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-90 °C

200 °C

5 °C

40 °C

0.05 ±K

external | External and inside the bath | Inside the bath

3.5 kW

4.0 kW

3.7 kW

3.1 kW

2.7 kW

2.0 kW

1.6 kW

1.3 kW

0.8 kW

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Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

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Technical Attributes	Proline Kryomat RP 4090 CW
Cooling output at -80°C measured with ethanol	0.5 kW
Cooling output at -90°C measured with ethanol	0.15 kW
Power consumption	5 kW
Interface(s)	RS-232/485
Bath volume min.	32 L
Bath volume max.	44 L
Bath opening width	350 mm
Bath opening depth	350 mm
Bath depth	250 mm
usable depth	230 mm
Dimensions (WxDxH) in mm	600x700x1160
Pump connection thread	M16 x 1

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