

PRODUCT DATA SHEET

Proline Kryomat RP 3090 C

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

| Technical Attributes | Proline Kryomat RP 3090 C |
|---|---|
| Working temperature min. | -90 °C |
| Working temperature max. | 200 °C |
| Ambient temperature min. | 5 °C |
| Ambient temperature max. | 40 °C |
| Temperature stability | 0.05 ±K |
| Application | external External and inside the bath Inside the bath |
| Heater power | 3.5 kW |
| Cooling output at 20°C measured with ethanol | 3.0 kW |
| Cooling output at 0°C measured with ethanol | 2.9 kW |
| Cooling output at -20°C measured with ethanol | 2.5 kW |
| Cooling output at -30°C measured with ethanol | 2.3 kW |
| Cooling output at -40°C measured with ethanol | 2.0 kW |
| Cooling output at -50°C measured with ethanol | 1.6 kW |
| Cooling output at -60°C measured with ethanol | 1.3 kW |
| Cooling output at -70°C measured with ethanol | 0.8 kW |

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

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Proline Kryomat RP 3090 C

| Technical Attributes | Proline Kryomat RP 3090 C |
|---|---------------------------|
| 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. | 23 L |
| Bath volume max. | 31 L |
| Bath opening width | 350 mm |
| Bath opening depth | 200 mm |
| Bath depth | 250 mm |
| usable depth | 230 mm |
| Dimensions (WxDxH) in mm | 600x700x1160 |
| Pump connection thread | M16 x 1 |

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