

## PRODUCT DATA SHEET

### ECO RE 1050 G

The LAUDA ECO stands out due to its range of functionality and ease of use. A menu navigation in plain text allows easy operation of the devices. Both control heads are equipped with a mini-USB interface as standard. Further interfaces are available as modules. Another innovation is the practical allocation of a flow-rate switch at the front on the control head. This means that individual adjustment of the flow between internal and external circulation is possible even during operation. Variants in 230 V; 50 Hz are also available with natural refrigerants. The most powerful units are equipped with the energy-saving LAUDA SmartCool system. All cooling thermostats are available as air-cooled or water-cooled variants.



Working temperature min.  
-50 °C



Working temperature max.  
200 °C

#### Technical Attributes

#### ECO RE 1050 G

|   |   |
|---|---|
| Working temperature min.                      | -50 °C  |
| Working temperature max.                      | 200 °C  |
| Ambient temperature min.                      | 5 °C  |
| Ambient temperature max.                      | 40 °C   |
| Temperature stability                         | 0.02 ±K   |
| Application                                   | external   External and inside the bath   Inside the bath |
| Heater power                                  | 2.6 kW  |
| Cooling output at 20°C measured with ethanol  | 0.7 kW  |
| Cooling output at 0°C measured with ethanol   | 0.6 kW  |
| Cooling output at -20°C measured with ethanol | 0.35 kW   |
| Cooling output at -30°C measured with ethanol | 0.19 kW   |
| Cooling output at -40°C measured with ethanol | 0.1 kW  |
| Cooling output at -50°C measured with ethanol | 0.02 kW   |
| Power consumption                             | 3.3 kW  |
| Interface(s)                                  | Mini-USB  |

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Geschäftsführer:  
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Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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|---------------------------|---------------|
| Bath volume min.          | 8 L           |
| Bath volume max.          | 10 L          |
| Bath opening width        | 200 mm        |
| Bath opening depth        | 200 mm        |
| Bath depth                | 160 mm        |
| usable depth              | 140 mm        |
| Pump pressure max.        | 0.55 bar      |
| Pump flow max. (pressure) | 22 L/min      |
| Ø nipples                 | 13 mm         |
| Dimensions (WxDxH) in mm  | 280x440x624   |

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