

PRODUCT DATA SHEET

Integral IN 1330 TW

The new generation of Integral T process thermostats for professional external temperature control from -30 to 120 °C: The new LAUDA Integral T process thermostats ensure efficient control of external temperature control processes in the temperature range from -30 to 150 °C. The units enable rapid temperature changes due to adapted heating and cooling capacities with small internal volumes. Due to the open hydraulic system, the unit vents quickly and without functional restrictions. This makes it ideal for temperature control processes with frequent consumer or specimen changes. Classic areas of application are reaction controls or climate simulations. A reliable, powerful submersible pump and the internal bypass for pressure limitation are standard features of the Integral T.



Working temperature min.
-30 °C



Working temperature max.
150 °C

Technical Attributes

Technical Attributes	Integral IN 1330 TW
Working temperature min.	-30 °C
Working temperature max.	150 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.1 ±K
Filling volume min.	9.7 L
Filling volume max.	25.5 L
Heater power	16.0 kW
Cooling output at 20°C measured with ethanol	13.0 kW
Cooling output at 10°C measured with ethanol	10.0 kW
Cooling output at 0°C measured with ethanol	7.6 kW
Cooling output at -10°C measured with ethanol	5.4 kW
Cooling output at -20°C measured with ethanol	3.4 kW
Cooling output at -30°C measured with ethanol	1.7 kW
Power consumption	17.0 kW

LAUDA DR. R. WOBSEY GMBH & CO. KG
Pfarrstraße 41/43 · 97922 Lauda-Königshofen
Postfach 1251 · 97912 Lauda-Königshofen · DE

T +49 (0) 9343 503-0 · F +49 (0) 9343 503-222
info@lauda.de · www.lauda.de
WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim · HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSEY Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim · HRB 560226

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

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Technical Attributes	Integral IN 1330 TW
Tube size	1"
Pump connection thread	M38 x 1,5
Pump pressure max.	5.5 bar
Pump flow max. (pressure)	60 L/min
Dimensions (WxDxH) in mm	760x650x1605

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