PRODUCT DATA SHEET

Integral T 4600 W

The mobile Integral T process thermostats have an adjustable heating and cooling capacity and small, active internal volume that enables fast temperature changes. The minimized thermal ballast makes it possible to control exothermal reactions or simulate climatic infl uences, for example. Starting with the T 4600 model, the Integral Ts are equipped with an additional pump for independent internal circulation within the internal loop. An adjustable bypass valve between the inlet and outlet of the external loop also enables a reduction in pressure to protect, for example, pressure-sensitive consumers.

Working temperature min.
-30 °C

Working temperature max.
120 °C

Technical Attributes	Integral T 4600 W
Working temperature min.	-30 °C
Working temperature max.	120 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.2 ±K
Application	external
Filling volume min.	6 L
Filling volume max.	18 L
Cooling output at -5°C measured with ethanol	2.9 kW
Heater power	6.0 kW
Cooling output at 20°C measured with ethanol	5.5 kW
Cooling output at 10°C measured with ethanol	4.5 kW
Cooling output at 5°C measured with ethanol	4 kW
Cooling output at 0°C measured with ethanol	3.4 kW
Cooling output at -10°C measured with ethanol	2.3 kW

LAUDA DR. R. WOBSER 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. WOBSER Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim · HRB 560226

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

PRODUCT DATA SHEET

Integral T 4600 W

Technical Attributes	Integral T 4600 W
Cooling output at -15°C measured with ethanol	1.7 kW
Cooling output at -20°C measured with ethanol	1.1 kW
Cooling output at -25°C measured with ethanol	0.65 kW
Cooling output at -30°C measured with ethanol	0.3 kW
Power consumption	8.3 kW
Interface(s)	RS-232/485
Pump connection thread	G 3/4 (15)
Pump pressure max.	3.2 bar
Pump flow max. (pressure)	40 L/min

LAUDA DR. R. WOBSER 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. WOBSER Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim · HRB 560226

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