

PRODUCT DATA SHEET

Standing: 2021-07-15

LAUDA Semistat S 4400 w/Purge

Connection to PSC

Part Number: L003278

Features

- Thermoelectric process thermostat with low energy consumption
- With a connection to purge with clean dry air (CDA) to prevent condensation
- Compact overall size and low weight
- Quiet and low vibration level operation due to refrigerant free cooling technology
- Use of perfluorinated fluids
- Extremely low volume of heat transfer liquid
- No filters or DI components required
- Water cooled system



Reserve technical changes



Working temperature min.
-20 °C



Working temperature max.
90 °C

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 Features (according to DIN 12876)

| | |
|----------------------------|--------------------|
| Working temperature range | -20 ... 90 °C |
| Temperature stability | 0.1 ± K |
| Heater power min. | 12 kW |
| Filling volume min. | 2.5 L |
| Filling volume max. | 2.8 L |
| Overall dimensions (WxDxH) | 194 x 300 x 560 mm |
| Power supply | Connection to PSC |

| Temperature | Cooling Capacity 50 Hz | Cooling Capacity 60 Hz |
|-------------|------------------------|------------------------|
| 20 °C | 4.4 kW | 4.4 kW |
| 10 °C | 3.5 kW | 3.5 kW |
| 0 °C | 2.6 kW | 2.6 kW |
| -10 °C | 1.65 kW | 1.65 kW |
| -20 °C | 0.7 kW | 0.7 kW |

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