

## PRODUCT DATA SHEET

### Kryoheater Selecta 3560 W

LAUDA process thermostats of the Kryoheater Selecta (KHS) series ensure high-performance temperature control at high energy efficiency and reliability. The compact device construction provides a long service life and maintenance friendliness. Corresponding to the lowest working temperature, two-stage compressors (up to -60 °C) and/or cascade cooling systems (up to -90 °C) are used. The condenser is cooled by means of cooling water. The cooling capacity is controlled continuously and precisely by injection control. A step switch ensures energy-saving and low-wear partial load operation using an automatic compressor system. By means of the electric heating, Kryoheater Selecta can cover an operating temperature of up to 200 °C.



Working temperature min.  
-60 °C



Working temperature max.  
200 °C

#### Technical Attributes

#### Kryoheater Selecta 3560 W

Working temperature min.	-60 °C
Working temperature max.	200 °C
Ambient temperature min.	5 °C
Ambient temperature max.	40 °C
Temperature stability	0.5 ±K
Filling volume min.	15 L
Filling volume expansion vessel	40 L
Heater power	18 kW
Cooling output at 20 °C	35 kW
Cooling output at 0 °C	30 kW
Cooling output at -20 °C	18 kW
Cooling output at -40 °C	10 kW
Cooling output at -50 °C	6 kW
Cooling output at -60 °C	2.5 kW
Power consumption	29.5 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	Kryoheater Selecta 3560 W
Interface(s)	USB
Noise level	68 dB(A)
Pump connection thread	DN 25
Pump pressure max.	5.5 bar
Pump flow max. (pressure)	85 L/min
Dimensions (WxDxH) in mm	920x1200x1700

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