

# ECO

## Air-cooled cooling thermostats with control head Silver

The cooling thermostats with control head Silver are available in the temperature range from -50 up to 200 °C. They are equipped with a bath cover and pump connections for external applications as standard. The pump connections are nipples made of high-quality plastic with an outer diameter of 13 mm. The RE 415 S is the basic model with minimised foot print. The RE 1050 S with SmartCool digital cooling management can be used down to -50 °C and provides a cooling capacity of 700 W at 20 °C. Thanks to the larger baths, both models RE 1225 S and RE 2025 S are excellently suited to applications inside the bath.

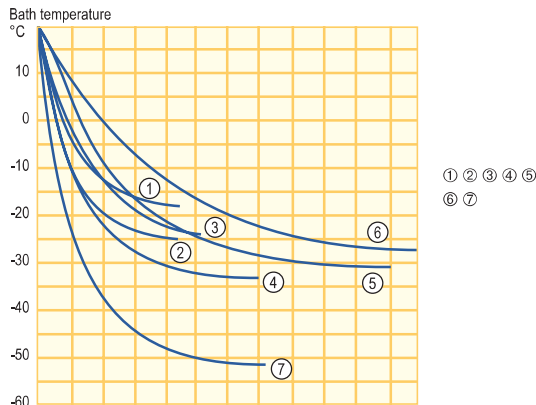
Variants in 230 V; 50 Hz are also available with natural refrigerants throughout the EU and Switzerland (except RE 415).  
Cat. No. for models with natural refrigerants see page 87.



Cooling thermostat RE 1050 S



### Cooling curves Heat transfer liquid: Ethanol, bath closed



### Pump characteristics on page 23

Temperature range  
-50...200 °C

### Included accessories

Bath cover · pump connections with 13 mm plastic nipples · closing plugs

### Additional accessories

Hoses · Interface modules: analog, RS 232/485, contact, Profibus, Ethernet, EtherCAT, Pt100/LiBus module · Command remote control



All technical data on page 86 and following

Other power supply variants on page 96



Technical features		RE 415 S	RE 420 S	RE 620 S	RE 630 S	RE 1050 S	RE 1225 S	RE 2025 S
Working temperature range*	°C	-15...200	-20...200	-20...200	-30...200	-50...200	-25...200	-25...200
Temperature stability	±K	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Heater power	kW	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Cooling output at 20 °C	kW	0.18	0.2	0.2	0.3	0.7	0.3	0.3
Pump pressure max.	bar	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Pump flow max.	L/min	22	22	22	22	22	22	22
Bath volume	L	3.3...4	3.3...4	4.6...5.7	4.6...5.7	8...10	9.3...12	14...20
Bath opening/depth	mm	130x105/160	130x105/160	150x130/160	150x130/160	200x200/160	200x200/200	300x350/160
Cat. No. 230 V; 50 Hz**		LCK 1910	LCK 1912	LCK 1914	LCK 1916	LCK 1918	LCK 1920	LCK 1922

\* Working temperature range is equal to ACC range

\*\* Cat. No. for models with natural refrigerants see page 87

\*\*\* Only RE 1050 S