

°LAUDA



°FAHRENHEIT. °CELSIUS. °LAUDA.

THE ALPHA DEVICE LINE

Constant temperatures for various uses even for smallest budgets

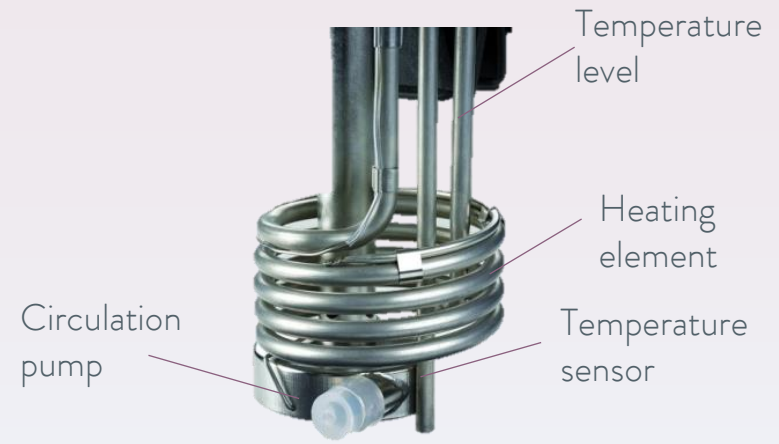
Robust thermostat for basic applications.

- Markets:
 - Chemical and pharmaceutical industry
 - Biotechnology
 - Universities and governmental institutes
 - Medical diagnostics
- Applications
 - Quality control
 - Sample preparation



ALPHA – IMMERSION THERMOSTAT

Temperature range: 25 °C ... 100 °C



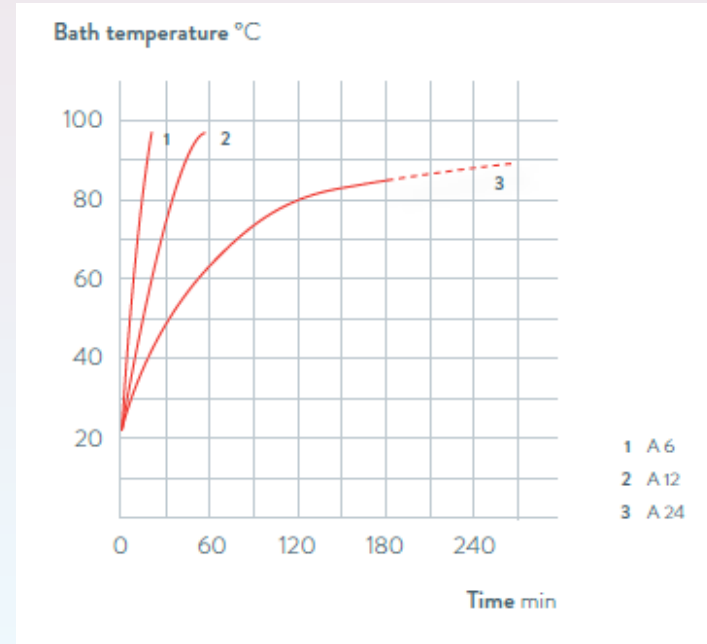
Screw clamp

ALPHA – HEATING THERMOSTATS

3 different sized heating thermostats



- Three different models: A 24, A 12 and A 6
- Heater power: 1.5 kW



Pump characteristic curve
Heat transfer liquid: Water

ALPHA – ACCESSORIES

Assembly to a complete thermostat



Pump set



Cooling coil



Bath cover



ALPHA – REFRIGERATED THERMOSTATS

3 different sized refrigerated thermostats

- Three different models: RA 24, RA 12, RA 8
- Temperature range: -25 °C ... 100 °C
- Heater power: 1.5 kW
- Cooling output: 0.225 kW, 0.325 kW, 0.425 kW
- Pump set and bath cover as standard



ALPHA – ADVANTAGES

Cost-effective temperature control in the laboratory

- Automatic compressor control supplies strong cooling output only when needed
 - Cooling output up to 425 W
 - No unnecessary energy consumption
 - Cost-effective operation
 - Equipment-saving principle extends the life of the compressor



Pump: 15 L/min; 0.2 bar

- Variable flow rates via inserts and fittings
 - Adaptation of the circulation to the bath size



ALPHA – ADVANTAGES

Simple and intuitive operation

- 3-button operation with large and clearly visible display
 - Simple and intuitive menu navigation
- Low level protection with acoustic and optical alarm
 - Automatic switch-off of heating and pump if the temperature control fluid level is too low
- Integrated timer function
 - Automatic switch-off (standby) after preset time
- Inbuilt handles for cooling thermostats
 - Comfortable transport of the unit to a different working space



MAINTENANCE AND HANDLING

Simple and customer-friendly maintenance



Easy removable front panel for easy cleaning of the condenser



Outlet connection for bath liquid at the rear side

OVERVIEW OF THE ALPHA RANGE

Type	Working temperature		Heating power	Cooling power	Bath opening / bath depth	Bath volume
	min	max				
Alpha A	25°C	100°C	1.5kW			
Alpha A 6	25°C	100°C	1.5kW	--	145 x 161/150 mm	2.5 ... 5.5 L
Alpha A 12	25°C	100°C	1.5kW	--	235 x 161/200 mm	8 ... 12 L
Alpha A 24	25°C	100°C	1.5kW	--	295 x 374/200 mm	18 ... 25 L
Alpha RA 8	25°C	100°C	1.5kW	0.225kW	165 x 177/160 mm	5 ... 5.7 L
Alpha RA 12	25°C	100°C	1.5kW	0.325kW	399 x 203/160 mm	9.5 ... 14.5 L
Alpha RA 24	25°C	100°C	1.5kW	0.425kW	350 x 277/160 mm	14 ... 22 L