



Cold Bath KB and Cooling Thermostat KT

The FRYKA cold bathes KB and cooling thermostats KT are suitable for the cooling and maintaining temperature of liquids.

Features:

- No fixtures like radiator coils etc.
- No electronical equipment above the bath exposed to vapours
- Exchangable circulating pump in the KT-models
- Casing fitted with edge protection
- 4 attachment bolts with M8 inside thread in the corners of the bath to attach tripod bars

The product series FRYKATherm is available in two different versions:

- Cold bath KB
For existing attachment thermostates.
Bath size from 6 to 18 litres.
Different temperature ranges.
No control unit, cooling works non-stop.
- Cooling thermostat KT
With circulation pump or magnetic stirrer.
Bath size from 6 to 18 litres.
Temperature control with LED-display.
Different temperature ranges.

Materials

The casing is made of stainless steel sheet metal. The bath reservoir is made of stainless steel 18/10. The front flap is made of elo-galvanized sheet metal and is powder coated in white.

Temperature control at model KT

Electronical temperature control with LED-display and built-in PT100-sensor.
Control precision +/-0,5K.

Cooling aggregate

The units feature a low-noice, fully hermetically closed and air-cooled compressor.
Besides from cleaning of the lamellae condensor no maintenance is necessary.

Agitation

The pump EP20 provides a maximum pressure of 0,15 bar and a circulating power of max. 5 l/min.
It is suitable for internal or external agitation.
The built-in magnetic stirrer in the KT ..-43 has a turn switch in the front flap to adjust the circulation speed.



Picture: **KB 12-..**

KT 12-..

model	operating range	agitator	Bath size in mm			Electr. connection			Overall dimensions			
			litres	width	length	height	volts	hz	amp.	width	length	height
KB 06-40	+20 to -40°C	---	6	150	300	150	230	50	2,0	350	430	420
KB 08-40	+20 to -40°C	---	8	150	300	200	230	50	2,5	350	430	450
KB 10-40	+20 to -40°C	---	10	240	300	150	230	50	2,8	410	450	460
KB 12-20	+20 to -20°C	---	12	240	300	200	230	50	3,0	410	450	460
KB 12-40	+20 to -40°C	---	12	240	300	200	230	50	3,2	410	450	460
KB 18-40	+20 to -40°C	---	18	300	327	200	230	50	3,6	410	450	460
KT 06-22	+20 to -20°C	Pump EP20	6	150	300	150	230	50	2,0	350	430	420
KT 06-42	+20 to -40°C	Pump EP20	6	150	300	150	230	50	2,2	350	430	420
KT 06-43	+20 to -40°C	Magnet stirrer	6	150	300	150	230	50	2,2	350	430	420
KT 08-22	+20 to -20°C	Pump EP20	8	150	300	200	230	50	2,5	350	430	450
KT 08-42	+20 to -40°C	Pump EP20	8	150	300	200	230	50	2,7	350	430	450
KT 10-42	+20 to -40°C	Pump EP20	10	240	300	150	230	50	3,0	410	450	460
KT 10-43	+20 to -40°C	Magnet stirrer	10	240	300	150	230	50	3,0	410	450	460
KT 12-22	+20 to -20°C	Pump EP20	12	240	300	200	230	50	3,2	410	450	460
KT 12-42	+20 to -40°C	Pump EP20	12	240	300	200	230	50	3,4	410	450	460
KT 18-42	+20 to -40°C	Pump EP20	18	300	327	200	230	50	3,8	410	450	460