

Key Points

Refrigerated / heating circulators of the range -80 to 200C series distinguish themselves with a great price-to-performance ratio. They are ideal for all standard tasks and routine work in the laboratories.

Features:

- Easy to read Display with PID controller.
- USB and Ethernet connections.
- All Steel construction for rust proof body.
- Space saving compact overall dimensions for laboratory use.
- Cooling parts are copper made provides high heat exchange efficiency.
- Bath lid and drain port.
- Eco-friendly refrigerant R404A.
- High efficiency.

Safety:

Built-in compressor protection, over-voltage & over current protection, over temperature protection.

Application:

Functional testing of electronic components. Material testing of metal and plastic samples.

Sensor calibration.

Thermal control of chemical and biological reaction

CIRCULATING CHILLER





TEMPESENS Chiller from -80 to +200 ° C

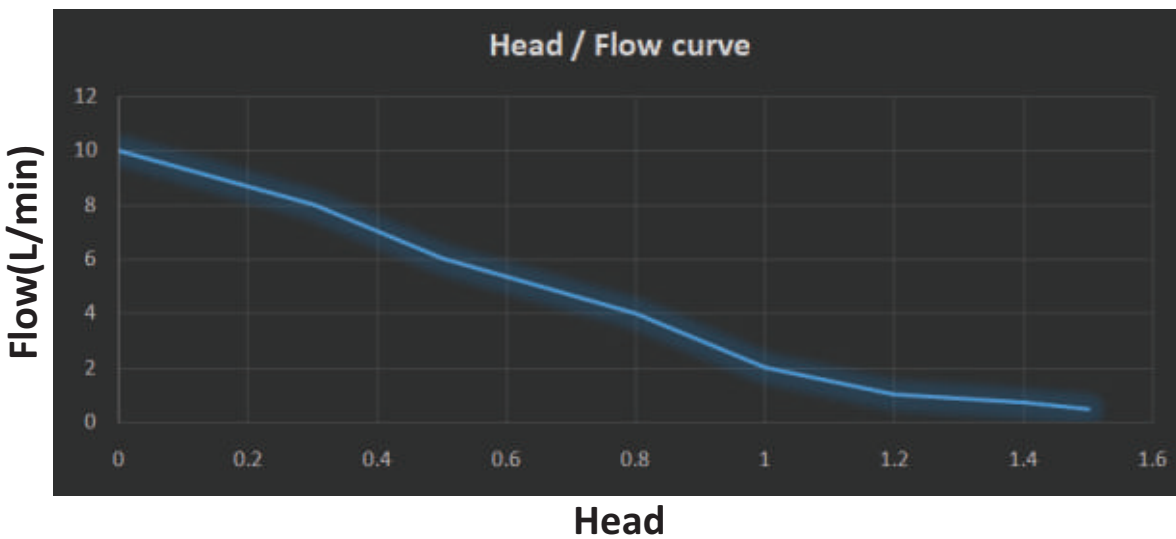
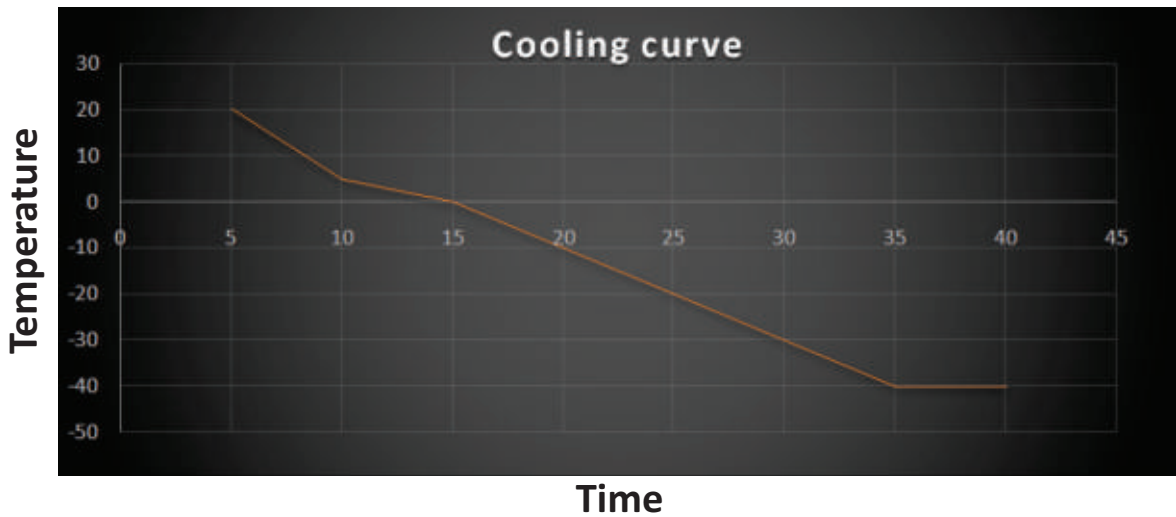


The circulating chiller and features!

Refrigerated Heating Circulator with air-cooled cooling machine. Powerful circulating pump provides constant flow rates at variable speeds. While PID controller with touchscreen display gives you the ideal solutions when you need precise temperature control or cooling below ambient temperature. CALsys series are compressor –based recirculating chillers that offer outstanding performance and high reliability as well as quiet operation and ease-of-use.

STANDARD PACKAGE:

Part name	Quantity	image
Recirculating chiller	1 set	
Insulated chilling fluid tube	2 nos. 1mtr id 10mm	
Power cord	1Nos	
User's manual	1 copy	



SPECIFICATION

Model	CALsys CH 35	CALsys CH 80
Temperature Range	-35 / 200	-80/50
Pump Pressure	4.5 psi	4.5psi
Reservoir	6 ltr	9 ltr
Cooling time	Ambient to -35° C in 60 minutes.	Ambient to -80° C in 90 minutes.
Temperature controller	LCD touch screen with microprocessor PID controlled.	
Pump	Centrifugal pump	
Flow Rate	7-9 L/Min	
Head	2.5Mtr	
Cooling capacity	0.8 kW	1.6 kW
Unit size	540L X 282B X 672H MM	700L x 555B x 1120H MM
Weight	45kg	135kg
Housing	Powder coated steel	
Power Requirements	230 VAC 50Hz	
Ambient Temperature	5-30 ° C and 0 % to 90 % RH (non-condensing)	
Noise level	≤50dB	
Stability	0.05 ° C	