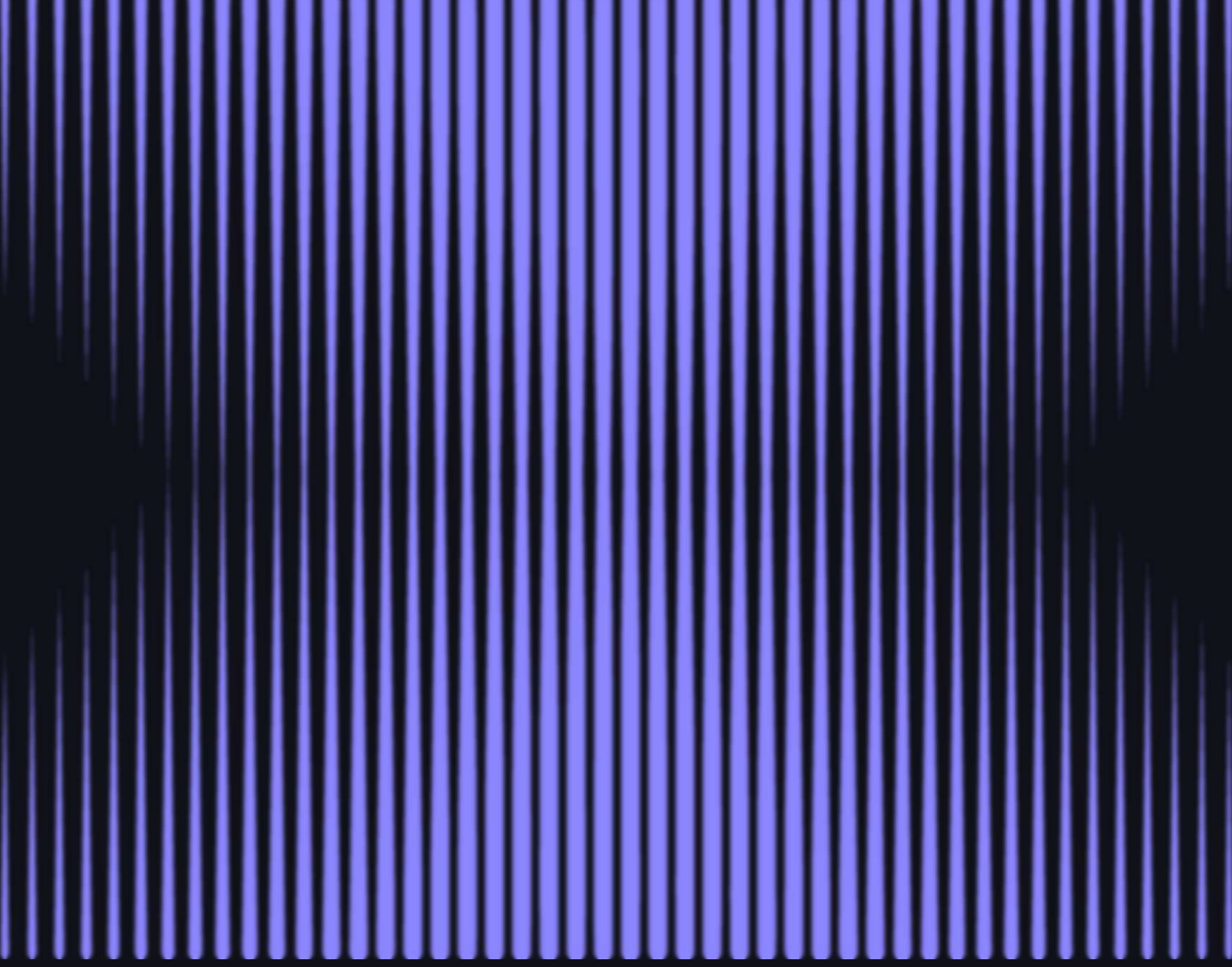

THISTLE SCIENTIFIC

CHILL-ECOPLUS

CHILL-ECOPLUS is built for precise, dependable temperature control. Its compact design, PID-controlled LED display and Jetstream forced-flow circulation keep your application stable from 0°C to +100°C, while overheat and compressor protection safeguard every run.

THISTLE SCIENTIFIC

CHILL-ECOPLUS

Compact refrigerated circulating bath with precise PID temperature control from 0°C to +100°C.

Combining a compact footprint with a 10 L stainless steel bath, CHILL-ECOPLUS delivers stability of ±0.5°C at 20°C with 0.1°C resolution on its LED display. Jetstream forced-flow circulation up to 5.5 L/min can be accessed through the outer loop, and a powder-coated exterior and CFC-free R134A refrigerant complete a robust, reliable unit.



At a Glance

- Compact design
- Overheat protection
- LED display with PID control of 0.1°C resolution
- Self-diagnosed abnormality function
- Delayed resume compressor protection
- Jetstream forced-flow circulation

Technical Specifications

Display	LED display
Temperature control range	0°C to +100°C
Temperature stability	±0.5°C at 20°C
Controller	PID control, PT100 sensor
Setting / display resolution	±0.1°C
Cooling capacity (ethanol)	1900 BTU/h @ 0°C
Pump flow rate	5.5 L/min
Hydraulic head	2.5 m
Pump flow pressure	0.19 bar
Pump connections	1/4" silicone tubing barbs
Barb inner diameter	6.35 mm or 1/4"
Bath capacity	10 L
Refrigerant	CFC-free R134A

Operating temperature	+20°C to +40°C
Operating humidity	Max. 80%
Chamber material	304 stainless steel
Bath inner size (W x L x H)	235 x 295 x 150 mm
External material	Powder coating
Compressor	1/4 HP
Dimensions (W x L x H)	340 x 560 x 670 mm
Weight	Approx. 50 kg (110.2 lb)
Circulation volume	Up to 5.5 L/min
Circulation type	Jet stream forced flow
Power	1000 W
Rated voltage	220 V; 50 Hz, 8 A

Safety device	Self-diagnosed abnormality display; electronic overheating thermal fuse protection in 0.1°C increments; delayed resume compressor protection
Cooling system	Delayed resume protection after power outage

Ordering Information

CHILL-ECOPLUS	Eco Chiller 1000W, 220 V
CHILL-ECOPLUS$	Eco Chiller 1000W, 110 V

WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.