

Neslab ThermoFlex 900
Recirculating Chiller



\$2350.00

In Stock

Qty Available: 2

Used and in Excellent Condition

Open Web Page

<https://www.artisanng.com/68975-1>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source
for quality pre-owned
equipment.

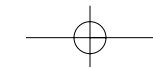
Artisan Technology Group

(217) 352-9330 | sales@artisanng.com | artisanng.com

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

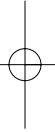


Product Specifications

Reliable, easy-to-use chillers
optimized for the most demanding
applications

NESLAB ThermoFlex™ 900
Recirculating Chiller

Delivers continuous cooling capacity
up to 900 watts



Ideal for diverse applications
within the following markets:

- Analytical instrumentation
- Laser
- Medical equipment
- Packaging
- Research
- University



High Reliability

You can expect years of consistent operation from the NESLAB ThermoFlex 900 recirculating chiller. The unit features a robust refrigeration system designed for continuous use in a variety of installations. The recirculation system incorporates highly reliable plumbing connections to eliminate leaks. Integrated air and fluid filters minimize wear to mechanical parts, which lowers lifetime maintenance costs and improves system reliability.

Superior Performance

ThermoFlex 900 chillers offer up to 10% greater cooling capacity than comparable units. The breadth of available options allows you to optimize chiller performance based on your application requirements. These chillers also have improved noise quality ensuring a pleasant work environment.

Easy to Use

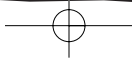
The quick-start guide enables trouble-free system start up. Snap in-and-out air and fluid filters promote quick and simple maintenance. The innovative recirculation system includes an integrated funnel and visual indicator for operator convenience. An intuitive controller allows customer-defined alarms to be set for various parameters, ensuring your process is always in control.

Configurable to Meet Application Needs

The NESLAB ThermoFlex 900 recirculating chiller can be configured with a variety of plug & play options. The result is a reliable, easy-to-maintain, high performance unit that can be optimized for the most demanding cooling applications.

Analyze • Detect • Measure • Control™

Thermo
ELECTRON CORPORATION

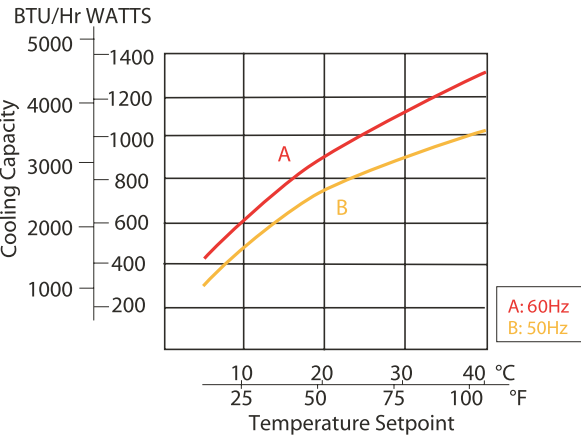


NESLAB ThermoFlex™ 900 Specifications

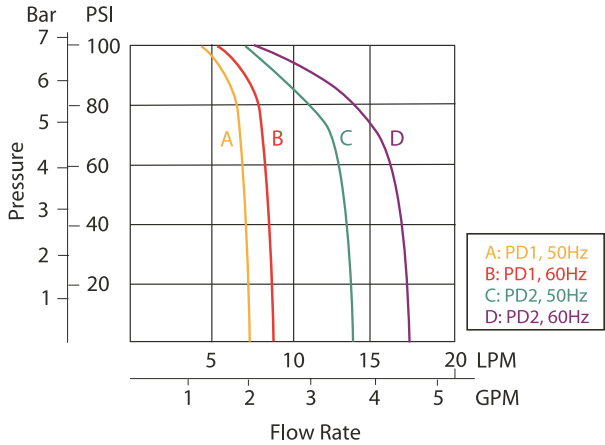
Product Specifications

Setpoint Temperature Range	5°C - 40°C 41°F - 104°F
Ambient Temperature Range	10°C - 40°C 50°F - 104°F
Temperature Stability	+/- 0.1°C
Setpoint Cooling Capacity at 20°C (see graph below for cooling curves)	
60 Hz	900W (3072 BTU)
50 Hz	750W (2560 BTU)
Reservoir Volume	
Gallons	1.9
Liters	7.6
Footprint or dimensions (HxWxD)	
Inches	27.4 x 14.2 x 24.7
cm	69.6 x 36.1 x 62.7
Unit Weight	
lb	126
kg	57.2
Pumps (see graph below for performance curves)	
PD 1 - Positive Displacement	
60 Hz	2.1 gpm @ 60 psi
50 Hz	1.7 gpm @ 60 psi
PD 2 - Positive Displacement	
60 Hz	4.1 gpm @ 60 psi
50 Hz	3.3 gpm @ 60 psi
Power options	
Option 1	100V/50Hz/1 Phase 15A Circuit
Option 2	100V/60Hz/1 Phase 15A Circuit
Option 3	115V/60Hz/1 Phase 15A Circuit
Option 4	208-230V/60Hz/1 Phase 15A Circuit
Option 5	230V/50Hz/1 Phase Amp 16A Circuit
Compliance	NRTL Certified to CSA and UL Standards; CE-Marked

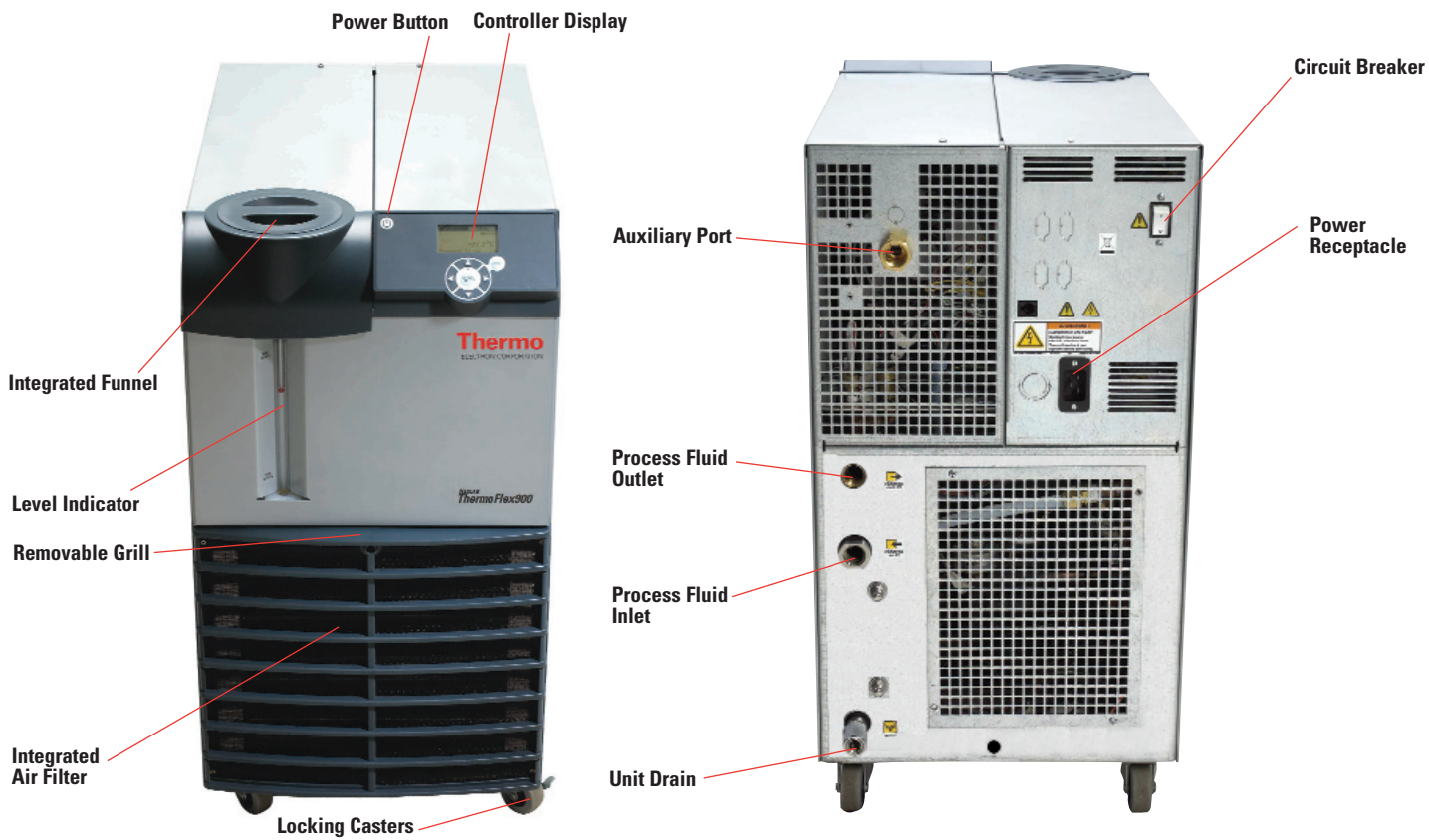
Cooling Capacity



Pumping Capacity



Specifications obtained at sea level using water as the recirculating fluid, at a 20°C process setpoint, 25°C ambient condition, at nominal operating voltage. Other fluids, fluid temperatures, ambient temperatures, altitude or operating voltages will affect performance. Thermo Electron reserves the right to change specifications without notice. Pump performance results obtained with no restrictions on return to the system.



Options

Feature	Benefit
Auto refill	Allows for self-filling of the chiller to ensure that the proper level in reservoir is maintained, saving valuable time.
Anti-drainback	Ensures reservoir does not overflow when chiller is shut down. This allows the chiller to be installed more than 24 ft. below the application.
DI resistivity internal	DI filtration internal to the chiller is used to maintain the resistivity level below 3 Mohm, with an alarm at 1 Mohm. This minimizes footprint and eliminates downtime needed to change the filter, while ensuring constant quality of DI water to your application.
Pressure relief	Easily adjustable pressure relief valve allows for control of the outlet pressure from the chiller to be regulated, ensuring your process performance requirements are met.
Flow Control	Utilizes a 3-way valve that allows you to control the amount of flow to the application. The process flow is measured on the return to the unit, ensuring the appropriate amount of flow is provided to the application.
Pressure/Flow Control	Allows you to control the pressure as well as the flow in your application. Utilizes a pressure relief valve and monitors the flow through the process return and displays the reading on the controller.

Accessories

Feature	Details
Installation Kit	Supply and return plumbing available in 25 and 50 ft lengths, suitable for temperatures up to +80°C.
Fluid Quality Kit	Complete fluid quality system includes algaecide and corrosion inhibitor to ensure your process has optimal fluid quality.
Ethylene Glycol	Laboratory-grade ethylene glycol allows circulation to temperatures down to -20°C in a 50/50 mixture with water. Available in a 5 gallon container.
Propylene Glycol	Laboratory-grade propylene glycol allows circulation to temperatures down to -20°C in a 50/50 mixture with water. Available in a 5 gallon container.
Maintenance Kit	Includes condenser air filters and in-line fluid filters for ease of maintenance.

About Thermo

Thermo Electron Corporation has a well-established reputation in temperature control through its NESLAB and HAAKE product lines. Formerly independent companies, NESLAB and HAAKE have joined forces within Thermo to provide proven temperature control technology along with global service and support. With over 75 years of extensive industry experience, we have the technical expertise and resources to support your specific application.

USA HEADQUARTERS

25 Nimble Hill Rd.
Newington, NH 03801
Tel. 800 258 0830
info.tc.us@thermo.com

China

Bldg 6, No. 27, Xin Jinqiao Rd
Jinqiao Export Zone, Pudong
Shanghai 201206
Tel. +86 (21) 68 65 45 88
info.china@thermo.com

Germany

Dieselstr. 4
76227 Karlsruhe
Tel. +49 (0) 721 4 09 44 44
info.tc.de@thermo.com

United Kingdom

Unit 5, The Ringway Centre
Basingstoke, Hampshire
Rg21 6YH
Tel. +44 (0) 870 609 9254
info.tc.uk@thermo.com

Benelux

Takkebijsters 1
NL-4817 Breda
Tel. +31 (0) 76 5 87 98 88
info.tc.nl@thermo.com

France

16 Avenue du Québec - Silic 765
91963 Courtaboeuf Cedex
Tel. +33 (0) 1 60 92 48 00
info.tc.fr@thermo.com

India

415 City Point
193 Dhole, Patil Road
Pune 411001
Tel +91 20 56 01 12 45
info.pid.in@thermo.com

www.thermo.com/thermoflex

Thermo
ELECTRON CORPORATION

© 2006 Thermo Electron Corporation. All rights reserved. Results may vary under different operating conditions. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details. Thermo Electron Corporation, Question everything, ThermoFlex, and Analyze. Detect. Measure. Control are trademarks of Thermo Electron Corporation.

PSTHERMOFLEX900V1.0E04/06TC

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at [artisanTG.com](https://www.artisanTG.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisanTG.com | [artisanTG.com](https://www.artisanTG.com)

