

Neslab HX300A Process Water Chiller

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Stock No	CT491
Manufacturer	Neslab
Model	HX300A
Serial	107165038
Ave. cooling capacity	8.3 kW
Ave. Water Flow Rate	2.75 gpm at 50 psig
Other Info	Self contained chilled water supply
Weight (kgs)	320kgs
External Dimensions (WxDxH mm)	1000 x 650 x 1200mm

Description

Neslab HX 300 process chillers provide you with years of reliable cooling for your critical process applications.

Typical applications:



- Test equipment
- Military applications
- Lasers
- NMR
- X-ray
- Mass spectrometers
- Diffusion and cryopumps
- Blister packaging
- Semiconductors
- Reactor vessels
- MRI
- CT

Tight Stability for Process Control

NESLAB HX 300 chillers offer the tight stability ($\pm 0.1^{\circ}\text{C}$) necessary to keep critical processes running at constant temperatures. Better process control keeps your equipment running at optimal levels, giving you the results you need.

Versatile, Flexible Configurations

Depending on your facility requirements, you can select air or water-cooled condensers. Choose the TC 400 controller for advanced safety and communication features. Various pump types are available to suit a wide range of flow and pressure requirements.

Worry-free Operation

NESLAB HX 300 process chillers are easy to install and offer years of reliable cooling. These robust units are designed for trouble-free operation to maximize uptime. Panels are easy to remove for quick access to components.

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 offer you more than 75 years of industry experience in temperature control technology. Thermo professionals worldwide continue to develop and support the solutions that help you analyze, detect, measure, and control your business with increasingly advanced precision.

Standard temperature range

C 5° to 35°

F 41° to 95°

Optional temperature range

5° to 90°

Ambient temperature range

C 13° to 35°

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Machine Datasheet



F 55° to 95°

Stability

C +/- 0.1°

F +/- 0.2°

Condenser

air cooled

Reservoir size

15 Gallons/ 56.8 Liters

Cooling capacity

50 Hz at 20°C 8,300 W

Pump performance

50 Hz Pump 1 2.75 gpm at 50 psig (PD2)

Power requirements

50 Hz 380-415 V3ø

Unit dimensions

cm (W x D x H) 1000 x 650 x 1200

Plumbing connections

inlet/outlet process 3/4" FNPT (CP-75 1" FNPT)

inlet/outlet facility (W/C only) 1/2" FNPT

Plumbing connection

drain 1/2" FNPT

auto refill 3/8" OD SS barb

Refrigerant

50 Hz R134A

Compliance

50 Hz units CE

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Machine Datasheet



Unit weight

lb 477

kg 320

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.



Surface
Engineering
Association

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