

Compact, reliable heat exchangers provide a low energy and efficient way to remove heat from water-cooled applications resulting in low cost of ownership. Cooling capacities up to 100 kW.

Thermo Scientific NESLAB System

Water-to-Water Heat Exchangers



Ideal for diverse applications within the following markets

- Laboratory
- Laser
- Industrial
- Semiconductor
- Medical

Simple, Reliable and Green

The Thermo Scientific NESLAB System Water-to-Water Heat Exchangers provide a clean, stable, controlled, closed-loop water cooling system that rejects the process heat into an existing in-house facility water supply. This eliminates the problems associated with the direct use of in-house water such as insufficient or fluctuating flow, changing pressure, poor water quality, and temperature instability.

Because the NESLAB System series heat exchangers take advantage of an existing in-house water system for heat removal, they use less energy and cost less to operate than traditional compressor-based chillers.

Features & Benefits

- Simple, reliable design for years of worry-free operation
- Compact footprint optimizes valuable floor space
- Heat load sensing valve conserves facility water usage
- Panel mounted gauges monitor recirculating temperatures and fluid pressure (SYS-I and SYS-II)
- Flow control valve allows precise setting of recirculating rate (SYS-III and SYS-IV)
- High temperature and low liquid level safety feature with status relay provides protection to temperature sensitive applications