

CN-Ti Series - Titanium Pool Heat Exchangers

The use of external sources of heat as a means of swimming pool heating has increased significantly over the past decade.

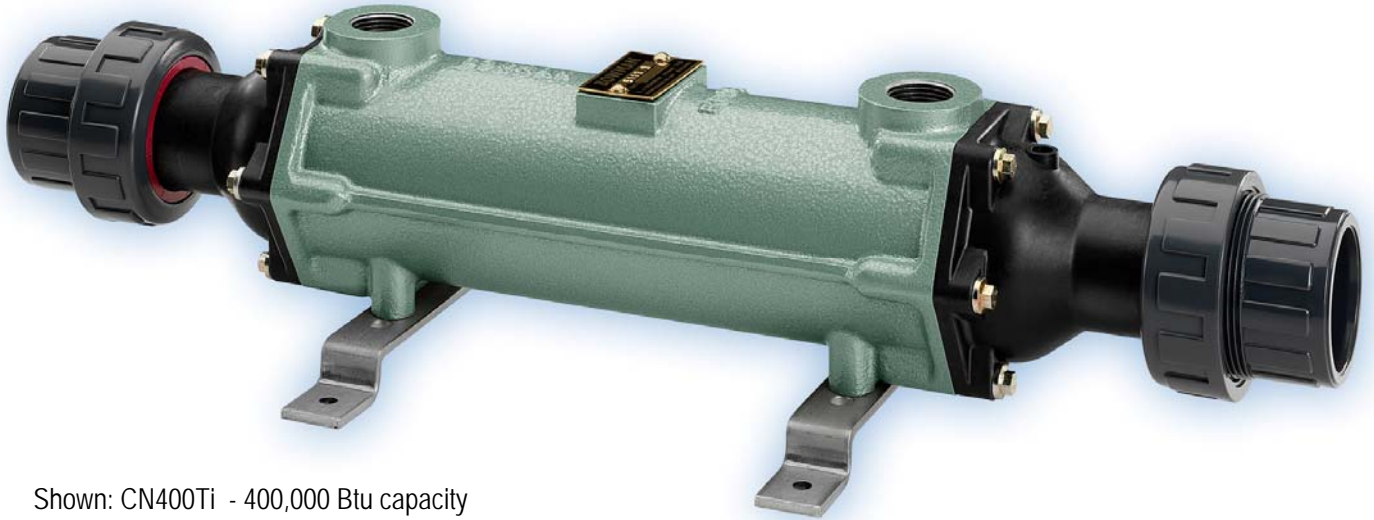
Indirect pool heating is becoming increasingly popular and is growing with alternative heating applications such as hydronic heating, solar thermal, geothermal and biomass heating.

These alternative heating applications are energy efficient and are expected to grow in popularity due to rising energy prices.

Saltwater pools are now more popular than conventional chlorinated pools for a variety of reasons such as ease of maintenance and health benefits.

The Bowman Ti Series Titanium Heat Exchangers are ideal for saltwater water and swimming pool applications. Titanium is impervious to saltwater and can withstand a wide range of pH values.

The Ti Series is available in 135,000, 200,000 and 400,000 btu/hr capacities.



Shown: CN400Ti - 400,000 Btu capacity

Features

- High Efficiency
- Compact Design
- Sturdy Construction
- Removable Tubestacks
- Quick Delivery from Stock

Applications

- Pools, Spas, and hot tubs
- Domestic hot water
- Sea water applications
- Waste water heat recovery
- Freshwater Aquaculture
- Aquaponics

Standard Material

- Tube side (Pool Water): Titanium
- Shell Side (Boiler Water) Bronze or Cast Iron

Maximum Pressure

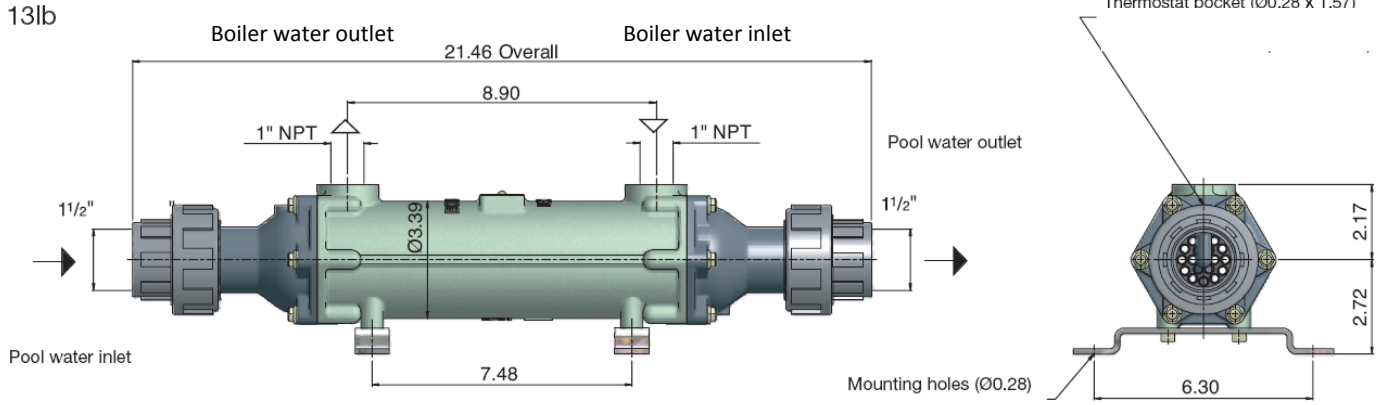
- Hot Side: 6 barg (87psig)
- Cold Side: 6 barg (87psig)

Maximum Temperature

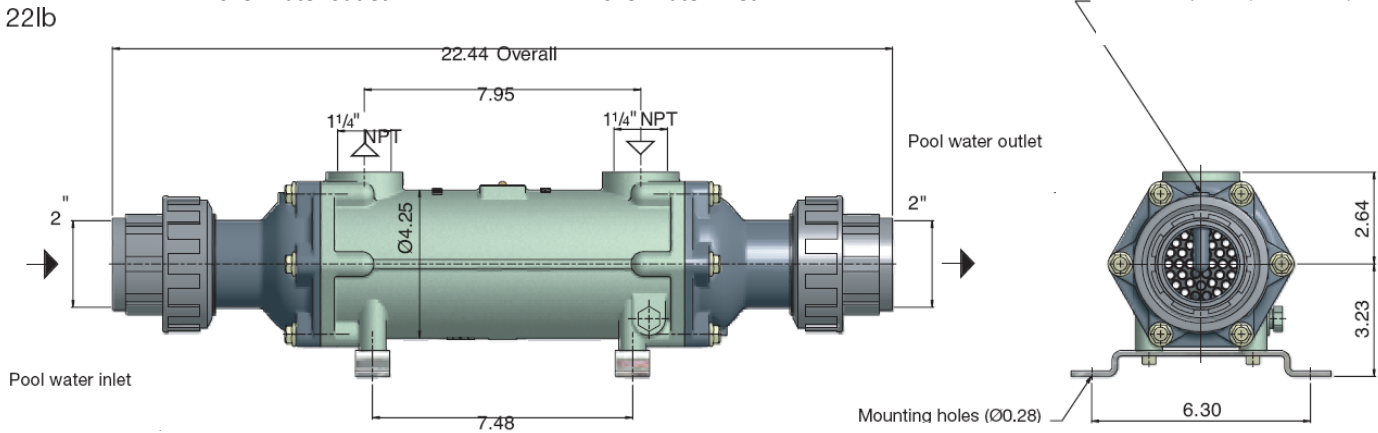
- 100 Deg. C



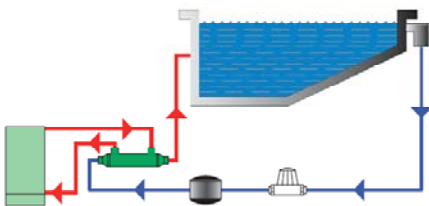
CN200Ti



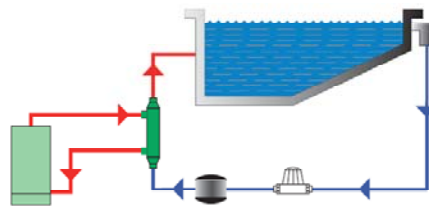
CN400Ti



Horizontal Installation



Vertical Installation



Capacity

CN135Ti	135,000 BTU/Hr*
CN200Ti	200,000 BTU/Hr*
CN400Ti	400,000 BTU/Hr*

Quick Sizing Reference **

CN135Ti	- for pools up to 15,000 US Gallons*
CN200Ti	- for pools up to 23,000 US Gallons*
CN400Ti	- for pools up to 46,000 US Gallons*

* Based on boiler water temperature at 180°F

** Based on pool temperature at 84°F



Manufactured under ISO 9001-2008 quality guidelines

Stocking Distributors for North America

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