

CNSS Series - Stainless Steel Pool Heat Exchangers

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

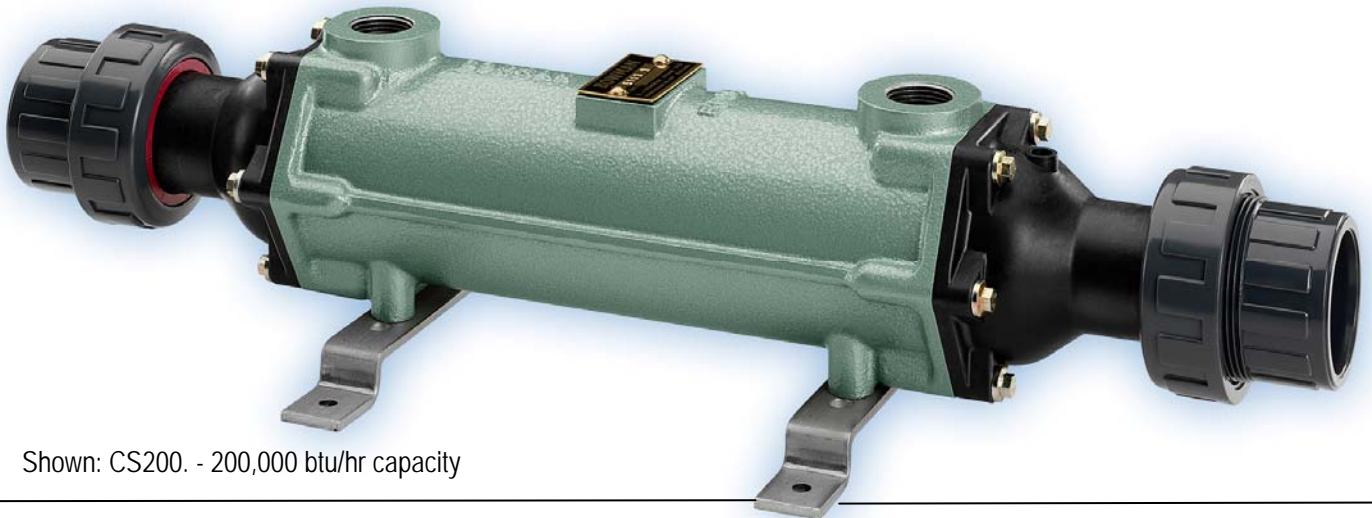
Indirect pool heating is also become increasingly popular and is growing with alternative heating applications such as hydronic heating, solar thermal, geothermal and biomass heating.

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

Bowman CNSS Series Stainless Steel Pool Heat Exchangers are ideal for heating chlorinated and bromine pools. The units are also widely used in the rapidly growing fresh-water aquaculture and aquaponics applications.

These units are designed to handle the large flow rates created by pool pumps with minimal pressure loss.

The Bowman CNSS Series Stainless Steel series is available in 200,000 and 400,000 btu/hr capacities.



Shown: CS200. - 200,000 btu/hr 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): SS316L
- Shell Side (Boiler Water) Bronze or Cast Iron

Maximum Pressure

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

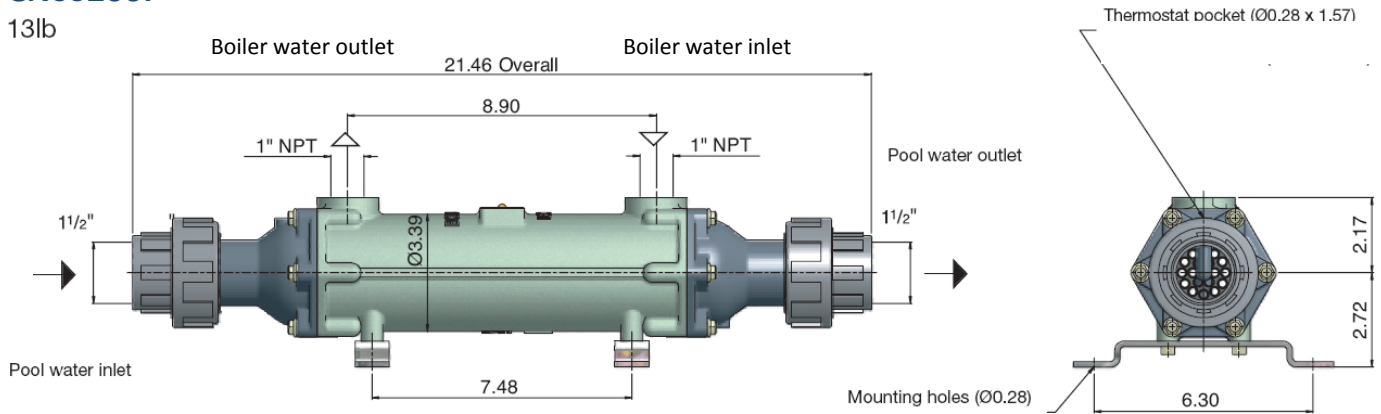
Maximum Temperature

- 100 Deg. C



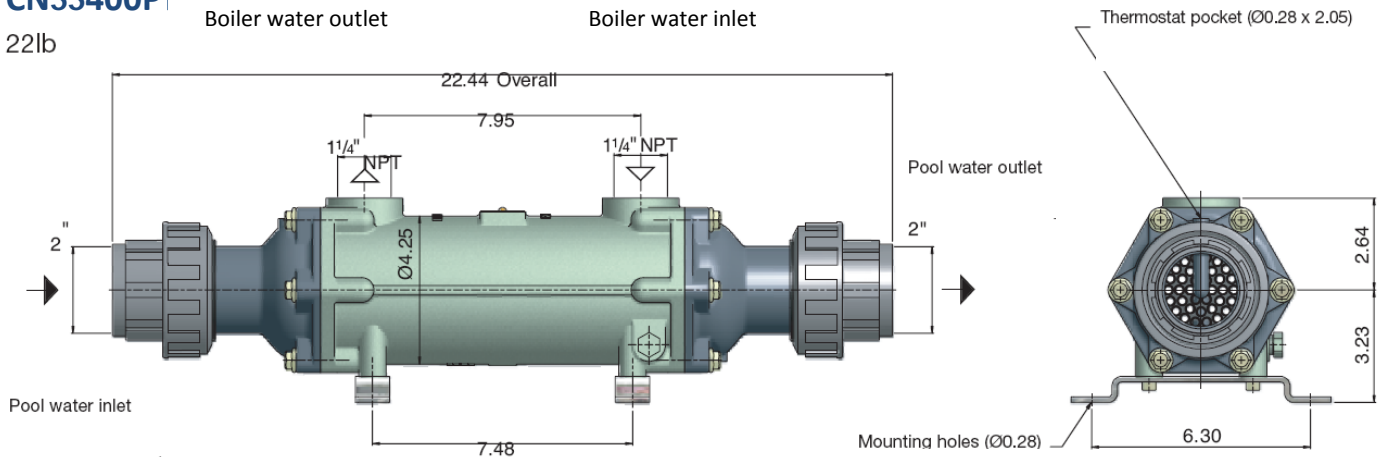
CNSS200P

13lb

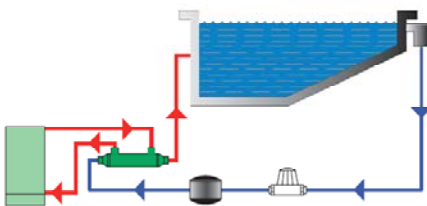


CNSS400P

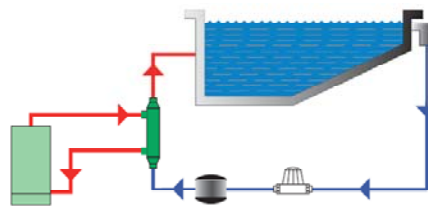
22lb



Horizontal Installation



Vertical Installation



Capacity

CNSS200P	200,000 BTU/Hr*
CNSS400P	400,000 BTU/Hr*

Quick Sizing Reference **

CNSS200P	- for pools up to 23,000 US Gallons*
CNSS400P	- for pools up to 46,000 US Gallons*

* Based on boiler water temperature at 180°F

** Based on pool temperature at 84°F

Other Models Available

CN650	650,000 BTU/Hr
CN1000	1,000,000 BTU/Hr
CN1500	1,500,000 BTU/Hr

Call for sizing recommendations.



Manufactured under ISO 9001-2008 quality guidelines

Stocking Distributors for North America

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