# Bowman Heat Exchangers

# **CN680 - Pool Heat Exchanger**

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 CN680 Pool Heat Exchanger is ideal for heating salt water pools utilizing heat from solar panels

This unit is designed to handle the large flow rates created by pool pumps with minimal pressure loss.

The Bowman CN680 is available in 680,000 btu/hr Capacity based on hot water source temperature of 180°F (with source hot water temperature at 140°F the capacity would be 440,000 btu/hr).



Shown: CN680. - 680,000 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): Cupro Nickel or Titanium Shell Side (Boiler Water) Cast Steel

#### **Maximum Pressure**

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

Maximum Temperature 100 Deg. C







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