

CN LINE

Innovative Engineering in CN Line Heat Exchangers feature:

CN-Series pool heaters provide a simple method of heating swimming pool water indirectly from a central heating boiler.

- removable cupronickel tube bundle heat transfer surface
- shell made of cast iron
- tube side operating pressure 87 PSIG
- shell side operating pressure to 87 PSIG
- operating temperature up to 100°C
- **perfect solution for saltwater swimming pools**
- heat exchange surface made of cupro nickel
- nominal heating capacities up to 1,000,000 btu/hr for pool applications
- eliminates the need for external bypass as the whole pool flow goes through the heat exchanger

Manufactured under stringent quality control standards, our CN Line Heat Exchangers offer:

- **High Efficiency Pool Heating**
- **Compact Design**
- **Heavy Duty Construction**
- **Removable Tubestacks**
- **Cost Effective**
- **Immediate Delivery from Stock**

Applications

- Pools, spas and hot tubs
- Domestic hot water
- Sea water applications
- Waste water heat recovery



Standard Material

Tube Side (Pool Water): Copper Nickel
Shell Side (Boiler Water): Bronze or Cast Iron

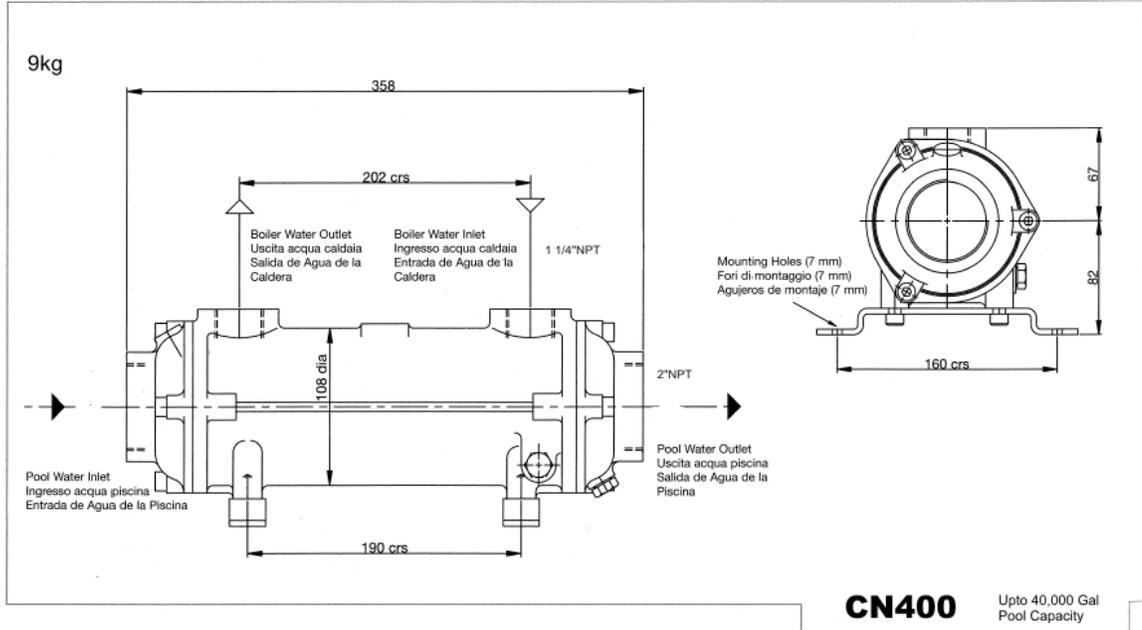
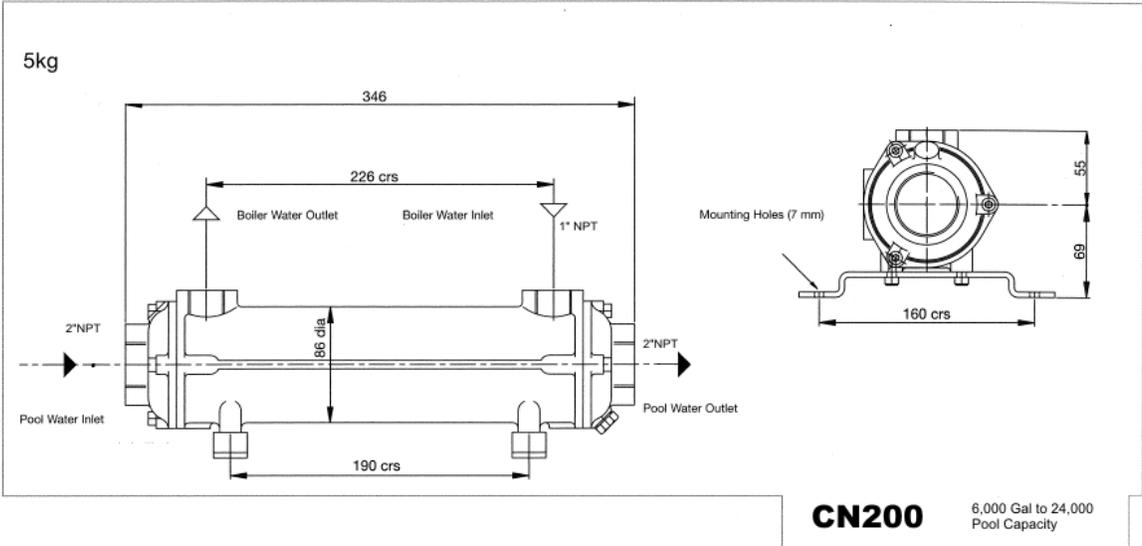
Maximum Allowable Working Pressure

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

Maximum Allowable Working Temperature

90°C

Units kept in stock for immediate delivery.



| Heat Exchanger Type | Nominal Capacity | | Boiler Water (Shell Side) | | Pool Water (Tube Side) | |
|---------------------|------------------|-----------|---------------------------|-------------------|------------------------|-------------------|
| | kW | Btu/hr | Flow gpm | Pressure Drop psi | Flow gpm | Pressure Drop psi |
| CN200 | 58.4 | 200,000 | 9 | 1.94 | 30 | 1.00 |
| CN400 | 117 | 400,000 | 20 | 1.14 | 78 | 2.25 |
| CN650 | 190 | 650,000 | 25 | 0.75 | 100 | 2.13 |
| CN1000 | 292 | 1,000,000 | 38 | 1.00 | 154 | 2.00 |