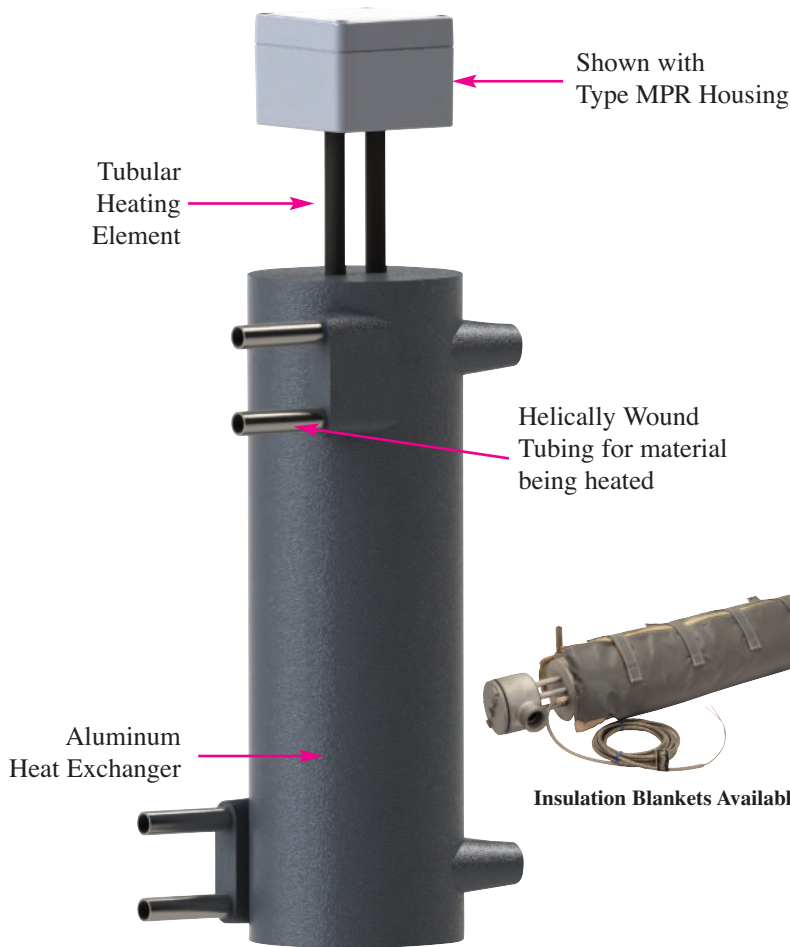


CHX-200 Series Circulation Heater



Standard Design Features

- * Seamless 316 SS Tubing for fluid flow
- * Cast-In Tubular Heater
- * Cast Aluminum heat exchanger body
- * Operating pressure up to 3000 PSI
- * Operating temperature up to 650°F (343°C)
- * Type C2 (General Purpose) housing with standoff

Optional Design Features

- * Process Thermocouple
- * Overtemperature Thermocouple
- * Type MPR (Moisture Resistant) or Type EP (Explosion Resistant) Housings
- * Incoloy Tubing
- * Cast Bronze Heat Exchanger Body: Operating pressure up to 1400 psi @ 1200°F (649°C)

Typical Applications

- ♦ Solvent heating (MEK, NMP, ACT, EKC, others)
- ♦ Heating of Air, CO₂, Nitrogen and similar gases
- ♦ Heating of non-flammable gases
- ♦ De-ionized water heating
- ♦ Steam generation
- ♦ Glycol heating
- ♦ Heating ink in printing
- ♦ Diesel and Fuel heating
- ♦ Packaging sterilization
- ♦ Analytical instrumentation
- ♦ Food and beverage heating
- ♦ Coating and Paint heating

Construction

The CHX-200 circulation heater is a compact lightweight unit used for heating gases or liquids. The material being heated is pumped through the coiled seamless 316 SS tubing which has been cast into an aluminum body that acts as the heat exchanger. A tubular heating element is the heat source. The material being heated never comes into contact with the heating element.

Standard (Non-Stock) Sizes and Ratings

Heater Length (in)	Watts	Volts	Phase	Termination Type	Terminal Box Type	Tube Config.	Tube Fitting Type	Thermocouple			T-Stat	Part Number	
								Calibration Type	Style	Termination Type			Lead Length (in)
13.5	1500	240	1	T7	Type EP	Single	—	J	Spring Adjustable	Std. Plug	48	—	CHX20015
13.5	1500	480	1	T7	—	Single	—	—	—	—	—	—	CHX20022
13.5	2250	240	1	T	Type C2	Single	—	K	Armor Cable Adjustable	Std. Plug	60	—	CHX20037
13.5	1500	208	1	T	Type C2	Single	—	J	Spring Adjustable	Spade Lugs	48	—	CHX20042
13.5	3000	240	1	T7	Type MPR	Single	—	—	—	—	—	—	CHX20065
19.5	3000	240	1	T7	—	Single	—	J	Spring Adjustable	Spade Lugs	60	—	CHX20072
19.5	3000	208	1	T	Type C2	Single	—	K	Armor Cable Adjustable	Std. Plug	48	Yes	CHX20084
19.5	4500	240	3	T7	Type MPR	Single	HS	—	—	—	—	—	CHX20086
19.5	3000	240	1	T	Type C2	Dual	—	K	Armor Cable Adjustable	Std. Plug	48	—	CHX20094
19.5	4500	240	1	T	Type C2	Single	HS	J	Spring Adjustable	Spade Lugs	60	Yes	CHX20098
25.5	6000	480	1	T7	Type MPR	Dual	—	K	Armor Cable Adjustable	Std. Plug	48	—	CHX20105
25.5	7500	480	1	T7	Type MPR	Single	HS	K	Armor Cable Adjustable	Std. Plug	60	—	CHX20112
25.5	9000	240	3	T7	Type EP	Dual	—	K	Armor Cable Adjustable	Std. Plug	60	—	CHX20118
25.5	12000	240	3	T7	Type EP	Dual	—	K	Spring Adjustable	Std. Plug	60	—	CHX20122
25.5	12000	480	3	T7	Type EP	Single	—	K	Armor Cable Adjustable	Std. Plug	48	—	CHX20132