MicroTherm CMXO

Oil Heat Transfer System

- Heat Transfer Fluids to 550°F
- 6 - 24 kW (15 - 81Mbh)
- 240 and 480V, 3 Phase, 60 Hz
- Non-Pressurized (Atmospheric) Operation
- 0.430" Dia. Steel Sheath Elements
- 3 hp Centrifugal Pump
- Electronic Digital Temperature and Process Control
- NEMA 1 Electrical Enclosure
- Pressure Gauges Monitor Pressure To And From Process
- Compact, Portable Cabinet with Casters
- Integral Expansion Tank with Atmospheric Vent
- Optional Closed-Loop Cooling (3.2 Ft^2)

Applications

Chromalox Compact Oil Temperature Controllers are engineered to operate up to 550°F at atmospheric pressure (non-pressurized). They are particularly useful in the plastics industry for use with plastic materials that require higher temperatures than can be achieved by hot water systems.

- Injection Molding Machines — Thermoplastics and Thermosets
- Platens and Dies
- Rolls, Laminating and Calendering
- Pipeline Heating and Tracing
- Jacketed Vessels and Tanks

Features

This product is pre-piped with pump, heaters and expansion tank. 1.5" NPT piping connections for oil provide for convenient hook up to external high temperature hoses or piping. All wiring conforms to NEC requirements.



Specifications

Weight:.....355lbs
(does not incude packaging)

Size: .....45"H x 19"W x 38"D

Ordering information

CMXO-550

kW
6, 9, 12, 18, 24* *24kW in 480V and 575V only

Cooling
- **H** Heat Only
- **C** Heat/Cool

Voltage
- **208** 208V 3PH
- **240** 240V 3PH
- **480** 480V 3PH
- **575** 575V 3PH

Contactor or SCR
- **0** Definite purpose contactor
- **2** SCR

Controller
- **0** 4081-UOSRR-23000 Controller
- **2** 4082-RPSRR-44010 Controller

Enclosure disconnect
- **0** None
- **1** Enclosure disconnect

Piping
- **0** NPT
- **1** Flange

CMXO-550	**24**	**C**	**480**	**2**	**0**	**0**	**0**	**Typical Model Number**

Standard Models(Bold are stocked):

kW	Volts	Cooling	Model	Part Number
12	480	Heat Only	CMXO-550 12H 480 0000	307419-032
12	480	Heat / Cool	CMXO-550 12C 480 2010	307419-033
24	**480**	**Heat Only**	**CMXO-550 24H 480 0000**	**307419-034**
24	480	Heat / Cool	CMXO-550 24C 480 2010	307419-035