

MicroTherm CMXO Circulating Oil Temperature Control 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 Ft²)

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 include 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

Stocked Models:

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