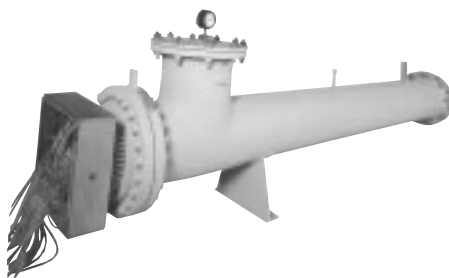


## Circulation Heater Systems

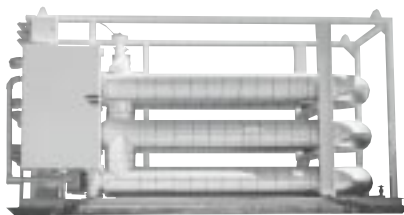
### Custom Engineering & Manufacturing

Chromalox has the engineering and manufacturing capability to provide complete circulation heater systems for most process heating applications. These systems are engineered for the specific requirements of kilowatts, flow rate, fluid velocity, pressure, temperature and space limitations of each application.



Experienced ASME certified welders ensure the structural integrity of large pressure vessel circulation heater.

If standard products and options do not fit your requirement, contact your local Chromalox Sales office for further technical assistance.



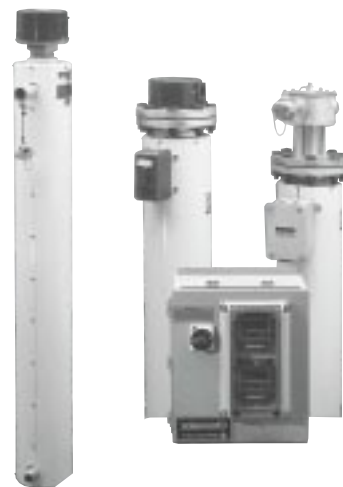
Custom engineered circulation heaters are skid mounted for easy installation, and supplied with an integral control panel.

The heaters and control panel are rigidly mounted on a sturdy metal frame. Control sensing devices are pre-wired to the heater. The only installation required is to connect the piping system to the heater inlet and outlet and wire the power connection to the control panel.

Electrical enclosures are available for indoor, outdoor and hazardous areas.

Chromalox circulation heater systems can include complete Control Panels, integrally mounted or separate, to greatly reduce the time spent installing and starting up the application. By pre-engineering systems with all the correct components, including sophisticated temperature and power controllers optimum performance is enhanced while guess work is minimized.

A wide variety of solid state and electro-mechanical controls can be found in the Controls section of this catalog.



These Control panels maintain process temperatures and can provide high limit control. On-off or proportioning type solid state controls complete with stepdown transformer, line fusing, pilot lights, contactors or SCR's, and cooling fan as necessary are pre-wired and mounted in an enclosure. Outdoor hazardous area enclosures are also available.