

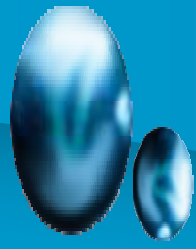
# Manufacturer's profile

❖ CHROMALOX

## ◆ Chromalox in U.S.A







# Manufacturer's profile

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## ◆ Inside of the factory





# Manufacturer's profile

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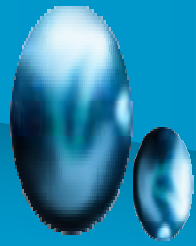
### ◆ About Chromalox

For more than 90 years, customers have relied on Chromalox for the utmost in quality and innovative solutions for industrial heating applications. Chromalox manufactures the world's largest and broadest line of electric heat and Control products, including heating components, immersion heaters, circulation systems, heat transfer systems, boilers, industrial and comfort air heating, heat trace cables, sensors and precision electronic controls.



### ◆ Chromalox History

- 1908 Edwin Wiegand invented the first electric resistive heating.
- 1962 Acquired Etirex (France).
- 1971 Acquired Grimwood (UK)
- 1972 Chromalox purchased by Emerson Electric.
- 1980 Acquired controls division from Rosemont Products.
- 1988 Acquired Eltron (UK)
- 1993 Two Chromalox Divisions formed- Appliance and Industrial
- 1994 Acquired Bray
- 1995 Acquired Hedin
- 1997 Acquired Electronic Controls Systems.
- 2000 Acquired Ogden Manufacturing Company
- 2001- Chromalox purchased by JP Morgan Partners



# Manufacturer's profile

## ❖ CHROMALOX

### ◆ Products Range

#### Component Heaters



- \* Basic heating elements
- \* End markets include plastics, food conversion and preparation and HVAC
- \* Sold to OEMs through direct sales

#### Systems



- \* Complete turnkey value-added heating systems
- \* End markets include hospital sterilizers, heat exchanges and chemical reactors
- \* Sold to end-users and to engineering and construction firms through direct sales
- \* Engineering intensive

#### Comfort Heaters



- \* Industrial and commercial heaters for personal comfort and equipment protection
- \* Applications include warehouses, loading docks and remote work sites
- \* Sold to end-users through "reps" and distributors



# Manufacturer's profile

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### ◆ Products Range

#### Process Heaters



- \* High value added
- \* End markets include HVAC, food conversion and preparation and oil, gas and refining
- \* Sold to distributions and OEMs through direct sales and "reps"
- \* Sold under Chromalox and Ogden brands

#### Cable



- \* Self-regulating mineral insulated series and parallel resistance heating cables and accessories
- \* End markets include oil and gas, petrochemical, power generation, chemical, commercial freeze protection and snow melting, general manufacturing, semiconductor and pharmaceutical
- \* Sold to end-users and contractors through direct sales and distributors

#### Controls



- \* Electronic and mechanical temperature controls, sensors and power control components
- \* Applications include temperature and power control for food warming, laboratory ovens, parts cleaning and industrial process control
- \* Sold to OEMs through direct sales "reps" and distributors