

## SEVERE SERVICE CYCLONES



**High temperature and severe service cyclones are available for a wide variety of applications including:**

- Waste incineration
- Power generation
- Fluidized bed combustors
- Petrochemical reactors and regenerators
- Complete Fluidized Catalytic Cracking (FCC) and Acrylonitrile (ACN) systems
- Chemical production
- Coal coking and handling
- Cement and rock products

**Fisher-Klosterman Cyclone designs offer:**

- High temperature designs to over 2,000 degrees F continuous service
- Abrasion resistant linings for extended equipment life
- Refractory systems of all types
- Mild steel, alloy or abrasion resistant steel construction
- Internal and/or external insulation to minimize heat loss or meet skin temperature requirements
- Tube wrapping, dimple jacketing, or double wall construction for heating or cooling
- Explosion venting or containment design (per NFPA)
- Tremendous variation of design to meet space and performance requirements
- Ultra-high efficiency designs for product recovery or emission control
- High pressure or vacuum designs including ASME "U" stamp certification
- Single or multiple units
- Complete custom design/fabrication capabilities



**Guaranteed Gas Cleaning Technologies**

# SEVERE SERVICE CYCLONES



Fisher-Klosterman has become the leader in the supply of Cyclones for severe service through an impressive track record for the most challenging applications. Our success is built upon experience, quality of engineering and rigid adherence to quality control programs.

## Some satisfied users of Fisher-Klosterman Severe Service Cyclones:

- AC Delco
- American Cyanamid
- American Electric Power
- BP Amoco
- BF Goodrich
- Babcock & Wilcox
- Chevron Philips
- Dupont
- Dow Chemical
- Dow Corning
- Exxon
- Formosa Plastics
- GE Silicones
- Kingsford
- Norit America
- Quaker Oats
- Rhodia
- Riley Stoker
- Solutia
- Sterling Chemicals
- Technip
- Texas Incinerator
- TVA
- Union Carbide
- Valero
- WR Grace
- Westlake Monomers



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