

Other MARC Business

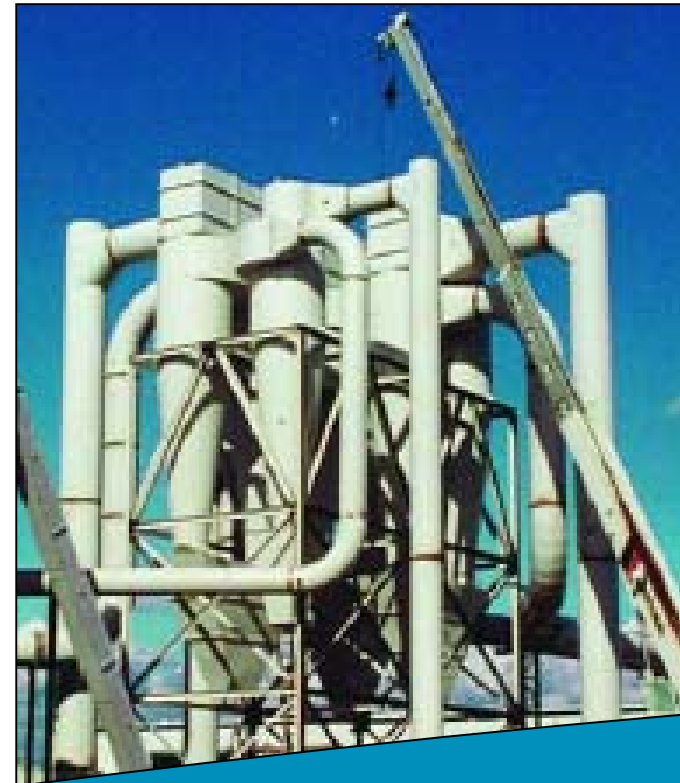
- Dust Control
 - MARC undertakes consultancy, design, manufacture, installation and commissioning in engineering and technologies associated with the improvement of air quality and general air movement to protect and enhance natural, human and industrial environments. This includes industrial sites, refineries, mines, and manufacturing and general ventilation industries.
- Sampling Equipment
 - MARC manufactures a wide range of primary, secondary and inventory sampling systems for wet and dry applications. These systems can be application specific with partial or full automation and interfacing.
- Custom Engineering
 - MARC specialises in consultancy, design, manufacturing, installation and commissioning of fully and semi automated engineered products for unique applications in sample preparation and sampling systems.
- Laboratory Engineering and Equipment
 - MARC specialises in consultancy, design and supply of turnkey laboratories throughout the world. MARC also design, manufacture and supply laboratory equipment and consumable for analytical and metallurgical laboratories.



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MARC TECHNOLOGIES – CYCLONES



MARC Technologies is a unique organisation specialising in the establishment and support of turnkey dust and fume collection projects throughout Australia.

MARC Technologies employ qualified process engineers who can provide advice and assist with the design of your specific sites dust and fume control systems. With more than 20 years experience in the industry and the backing of some of the worlds major dust and fume control equipment suppliers, MARC is well placed to support you.

Proudly Providing

“Innovative and Specialised Engineered Products and Services”

CYCLONE TECHNOLOGY

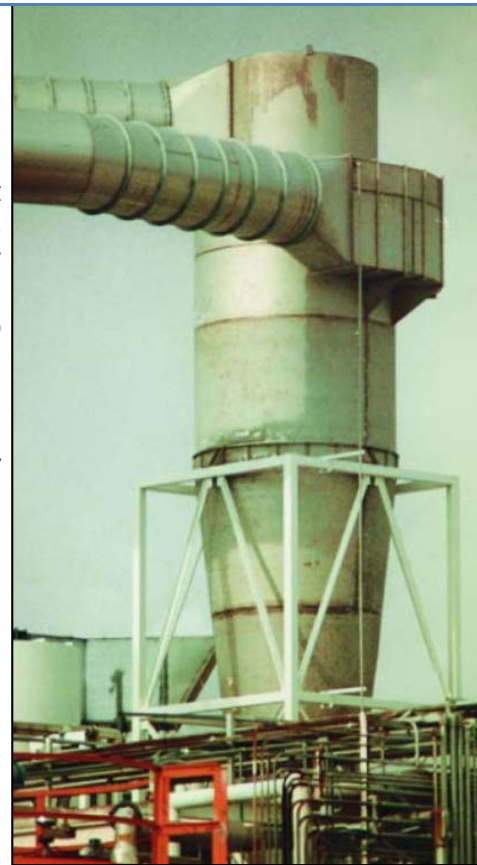
SINGLE XQ SERIES CYCLONES

As the Australian agent for Fisher-Klosterman, Inc., MARC Technologies can offer seven basic models of cyclone dust collectors in the XQ Series. These cyclones offer various levels of efficiency at any required pressure drop per your specific collection needs. Whether you need to remove relatively large particles from the air, or you need to eliminate fine particulate from a process gas streams, there is a XQ cyclone available to suit your process requirements.

MARC Technologies can also provide miniature collector units through to units so large they must be shipped in sections, each one individually designed and guaranteed to meet your process requirements.

Features:

- SME code design for pressure vessels
- High temperature construction - XQ Series Cyclones are available in standard designs or with the following custom features:
 - Carbon, stainless, or alloy steel construction
 - Interior linings for abrasion resistance including vulcanized rubber, refractory, and ceramics
 - Non-stick coatings
 - Access doors
 - Support steel
 - Interior finishes conforming to 3A dairy or pharmaceutical standards
 - Jacketing for heat transfer including dimple plate, coils, and half-pipe
 - Break-apart construction
 - Clean-in-place
 - NFPA explosion containment or venting
 - ASME code design for pressure vessels
 - High temperature construction



SEVERE SERVICE CYCLONES

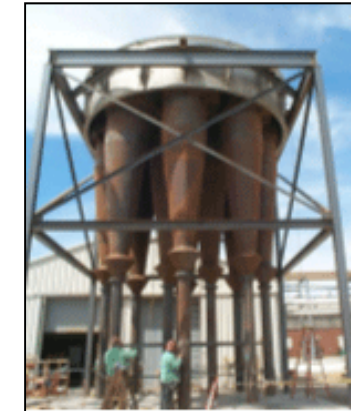
Fisher-Klosterman, Inc. is the industry leader in the supply of cyclones for severe service through an impressive track record on the most challenging applications. Our success is built upon experience, quality of engineering and rigid adherence to quality control programs.

Severe service cyclones are available for a wide variety of applications including:

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

Severe service cyclone designs offer:

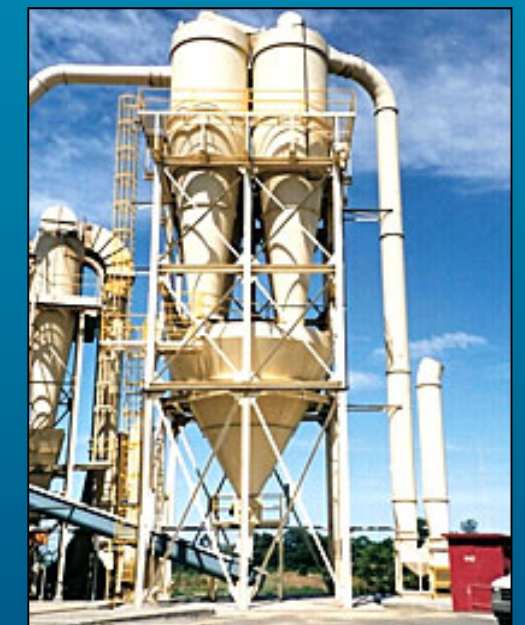
- High temperature designs to over 1100°C continuous service
- Abrasion resistant linings for extended equipment life
- Refractory systems of all types
- Internal and/or external insulation to minimize heat loss or meet skin temperature requirements
- Tube wrapping, dimple jacketing, or double wall construction for heating or cooling
- Explosion venting or containment design per NFPA guidelines
- 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



DUAL, QUAD, AND MULTIPLE ARRANGEMENTS

MARC Technologies provide Fisher-Klosterman cyclones in dual, quad, and other multiple arrangements to solve your height restriction problem as well as increasing your dust collection efficiency.

Units can be supplied with a common inlet manifold, common outlet manifold, and a common hopper to simplify your connecting ductwork and discharge.



All the custom cyclone features listed in the XQ series are also available for these arrangements.

MARC Technologies has the expertise available to design a multi-cyclone solution to solve any collection problem

