



AirEng Pty Ltd

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**Performance
By Design**

Industrial Fans & Blowers



Hurricane

**Mine
Auxiliary
Fan**

Hurricane

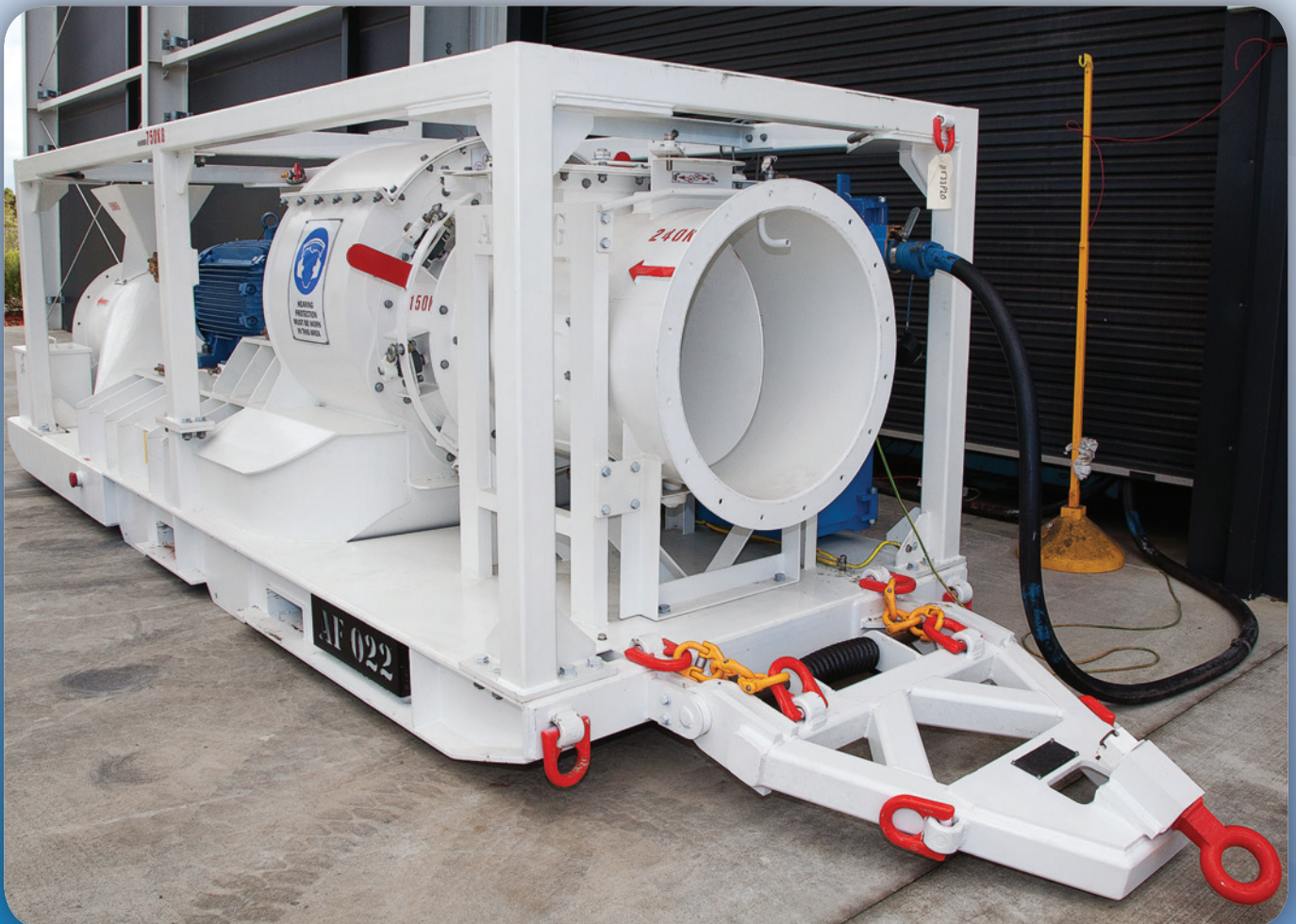
AirEng is a leader in the design and manufacture of high quality Industrial Fans and Blowers. With our equipment positioned on every continent and in over fifty countries we continue to be an innovator and market leader in the field of industrial ventilation. Our technical resources combined with a highly qualified design and manufacturing team makes AirEng a superior choice for your ventilation requirements. Designing and building fans for challenging applications is our speciality and inspires our workforce.

AirEng has supplied over three hundred fans into the Coal Mining sector in recent years. Applications range from Auxiliary, Booster, Dragline Coolers, Primary Air, Gas Drainage, to Pulverisers and Coal Loader Baghouse fans.

The AirEng 'Hurricane' range of fans showcases the latest developments in underground mining ventilation technology – AirEng 'performance by design'.

Standard Features

- » Heavy Duty Construction
- » Oversize Bearings
- » Heavy Duty Motor & Bearing Pedestal
- » Lower Noise Operation
- » 10mm Plate Mild Steel Fan Casing
- » Stainless Steel Machined Motor & Bearing Pads
- » Split Casing for Easy Rotating Assembly Inspection or Changeover
- » Low Vibration Levels



Mine Auxiliary Fan

- » 10mm Solid Bisalloy Impeller Blades
- » Low Particle Build up Impeller Design
- » Low Noise Impeller Design
- » High Aerodynamic Efficiency
- » High Volume & Pressure Output
- » Designed and Manufactured by Specialised Experienced Industrial Fan or Blower Company
- » Latest Generation Machine Watch Electrics
- » Proactive Customer Support
- » Tested to BS848: Part 1: 1980, Class A, Type D test. (Highest Standard Available)
- » AS/NZ 4871:2012 Compliance
- » Electrically Tested in AS3800 Certified Workshop
- » High Efficiency Inlet Vane Design
- » Site Operation & Maintenance Training
- » Qualified Experienced Service Technicians
- » Electric Enclosure can Be Interchanged Either Side
- » Motor & Fan Bearing Temperature and vibration Monitoring
- » Stable Operation to over 8,500Pa
- » Guarded Heavy Duty Cable Tray
- » Low Maintenance Design
- » 2990RPM Ex'd 1000VMotor
- » Comprehensive Equipment Dossier



Optional Accessories

- » 1000v Variable Speed Drive
- » Acoustic Silencers
- » Higher or Lower Capacity Designs
- » Onboard lockage Storage Boxes
- » Tow Hitch
- » Corner Jacks
- » Crawler Tracks
- » Variable Output Design
- » Fire Suppression
- » Gas Monitoring
- » Alternate Motors (e.g. ABB / Toshiba / WEG)
- » Dilution Dampers
- » Crash Cage Rated for Lifting
- » Removable Trickle Stone Duster



Additional Features

- » Numerous Lifting Lugs / Handles
- » Interlocking Fan inspection Door
- » 2 E-Stop Switches
- » Compact Designs Available
- » Alternate Wheel Positions
- » Optional Duct Positions

AirEng also design & manufacturer Primary Air Fans