

Coates

POWER & HVAC

Capability statement FY25



Contents

Welcome to Coates Power & HVAC

1

– Specialists in temporary power, compressed air, climate control and process cooling

2

– Coates: An industry leader

3

About us

4

– Why choose Coates Power & HVAC?

5

– Embedded across Australia

6

Our core capabilities

7

– Service & Support

8

– Rapid & Emergency Response

9

– Power

10

– Heating, Ventilation & Air Conditioning (HVAC)

13

– Compressed Air

17

Case studies

22

– Boral: Emergency spot cooling

23

– Visy: Industrial chiller breakdown

23

– Australian Grand Prix Corporation: Temporary power generation

24

Sustainability

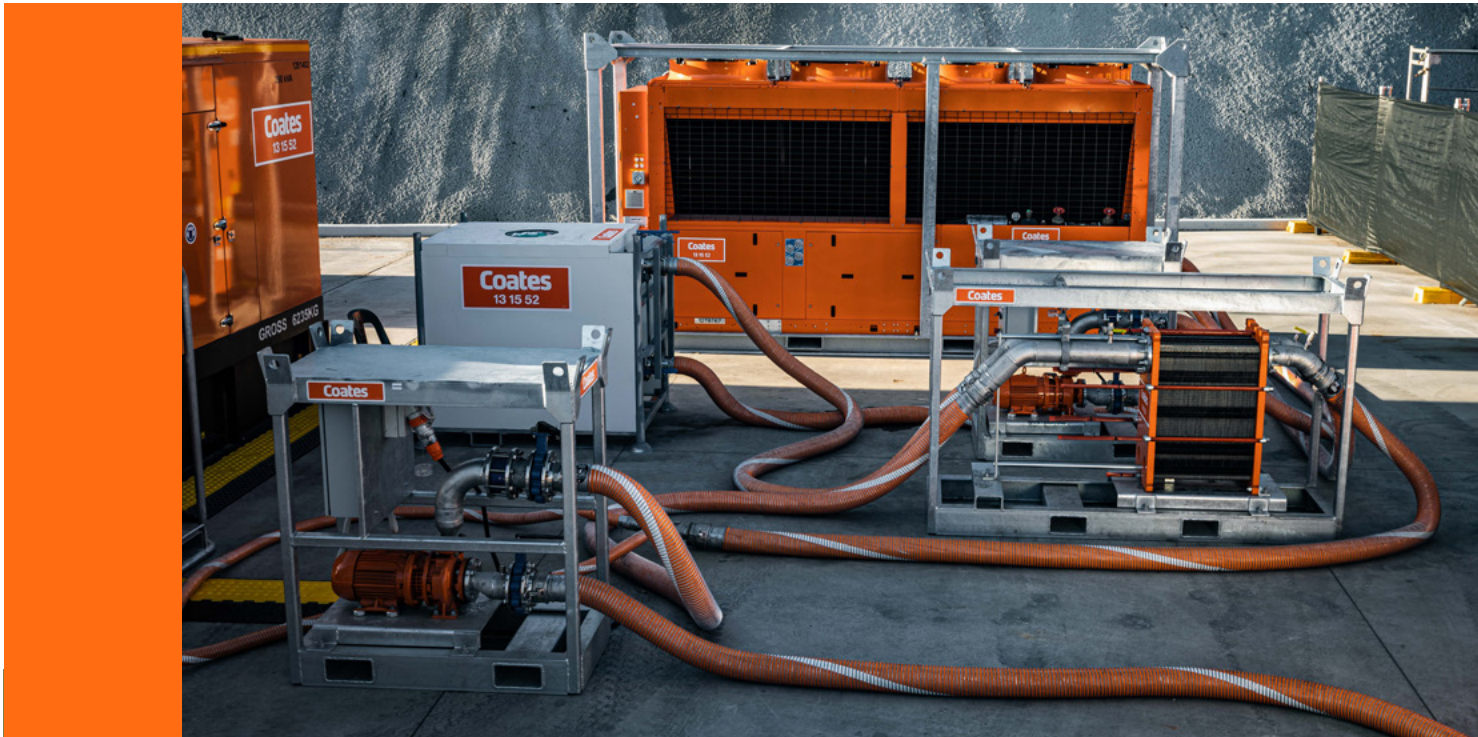
25



Welcome to Coates
Power & HVAC

MASTERFLOW
powered by Coates

Specialists in temporary power, compressed air, climate control and process cooling



When you need to power your site, manage temperature or provide compressed air during industrial processes, reliability and performance are key.

Coates Power & HVAC delivers turnkey solutions for power, compressed air, climate control and process cooling to keep your operations running. Our hire-ready range of diesel, electric, petrol and hybrid equipment, backed by end-to-end service and support, enable your business to work safely without interruption.

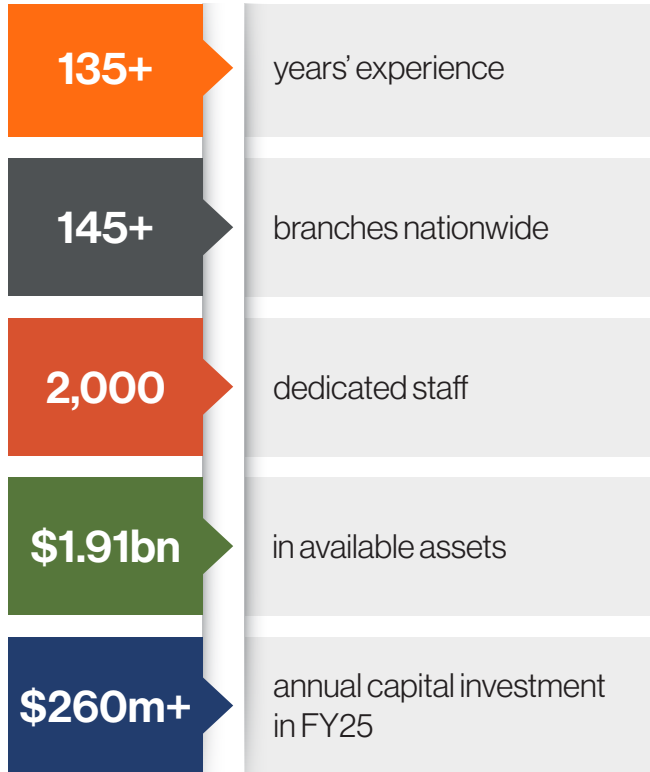


Scan QR code to watch our brand in action

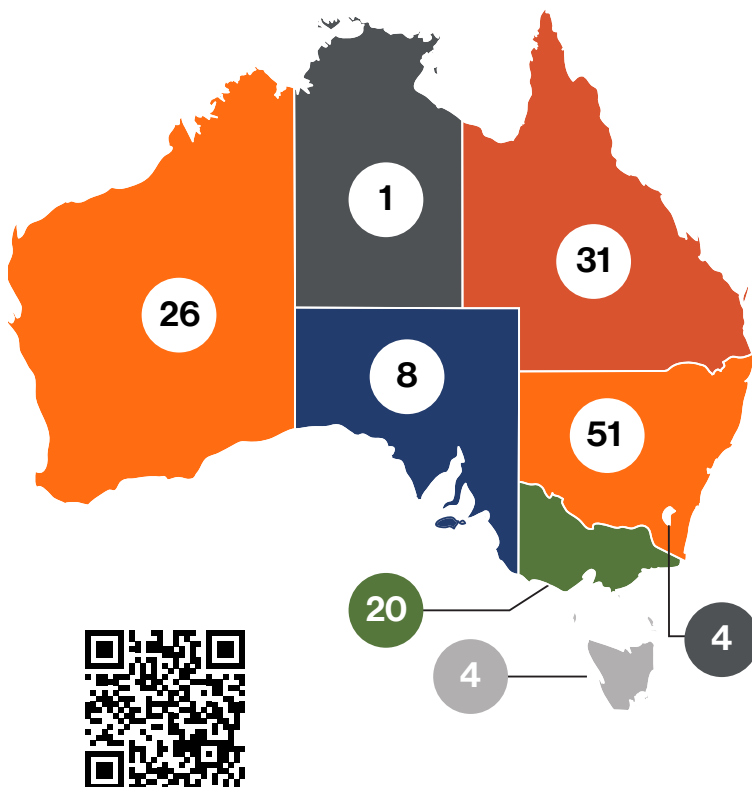
Coates: An industry leader

Coates Power & HVAC is part of Coates, Australia's leading equipment hire and solutions company, which provides end-to-end solutions across four key areas:

- Equipment Hire
- Engineering Solutions
- Industrial Solutions
- Power & HVAC



National branch network



Scan QR code to see
our full branch network

As at September 2023

Proudly Australian-owned

SGH | Industrial Services, Media,
Energy and Investments



BORAL

ALLIGHT

SGH | Energy











About us

Coates
13 15 52

Why choose Coates Power & HVAC?

Major organisations rely on us to support Australia's most iconic infrastructure projects and events, including Snowy Hydro, NorthConnex and the Formula 1® Grand Prix. Here's what sets us apart.

	Modern fleet	Our equipment has been custom-built according to our own rental specifications. We continually invest to refresh and grow our fleet, so you're assured of the latest equipment.
	End-to-end solutions	Save time, effort and money by engaging one supplier. We'll manage all your equipment and service needs, from planning and system design through to servicing and remote monitoring.
	Nationwide network	Our national footprint of more than 145 branches means we can support power and HVAC installations anywhere in Australia, ensuring minimal downtime and disruption at your site.
	24/7 service reliability	Coates maintenance teams regularly service all hire equipment to ensure safe and efficient operation. For urgent repairs, field service teams are available 24/7 across the country.
	Experienced team	In-depth product knowledge and industry expertise mean you can rely on our team of qualified fitter-mechanics, electricians, engineers, product specialists and project managers.
	Safety & compliance	From risk assessments, service history and equipment specifications to HSEQ certification and incident reporting, we'll support your HSEQ compliance standards.

“ I don't think there's another supplier in the market that has the all-encompassing capability to meet our needs in the way that Coates does.

Matthew Walton, Australian Grand Prix Corporation



Embedded across Australia

Operating from seven key hubs and supported by a network of regional branches, Coates Power & HVAC services metro, regional and remote locations across the country.





Our core
capabilities

Service & Support

Whatever the scale or complexity of your power, heating, ventilation or cooling project, our specialist team are available to provide end-to-end service and expert advice, including 24/7 field support.

System Design

Our team of qualified engineers provides a detailed design service to maximise efficiencies. We'll support you from concept to the final design of a complete power or HVAC system, including mechanical, electrical and pneumatic components, tonnage, locations, elevations and more.

Project Management & Logistics

Experienced Project Managers coordinate all aspects of your hire, including consultation and site inspection, design and specifications, logistics, system commissioning and maintenance. They'll ensure the recommended solution supports your technical and commercial requirements, and is on schedule and on budget.

Installation & Commissioning

Incorrect installation can affect the operation of your temporary power or HVAC system. Our team of engineers, technicians and installers manage system installation, component and operational testing at site, commissioning, reporting and demobilisation of all hire equipment to ensure ongoing reliability and efficiency.

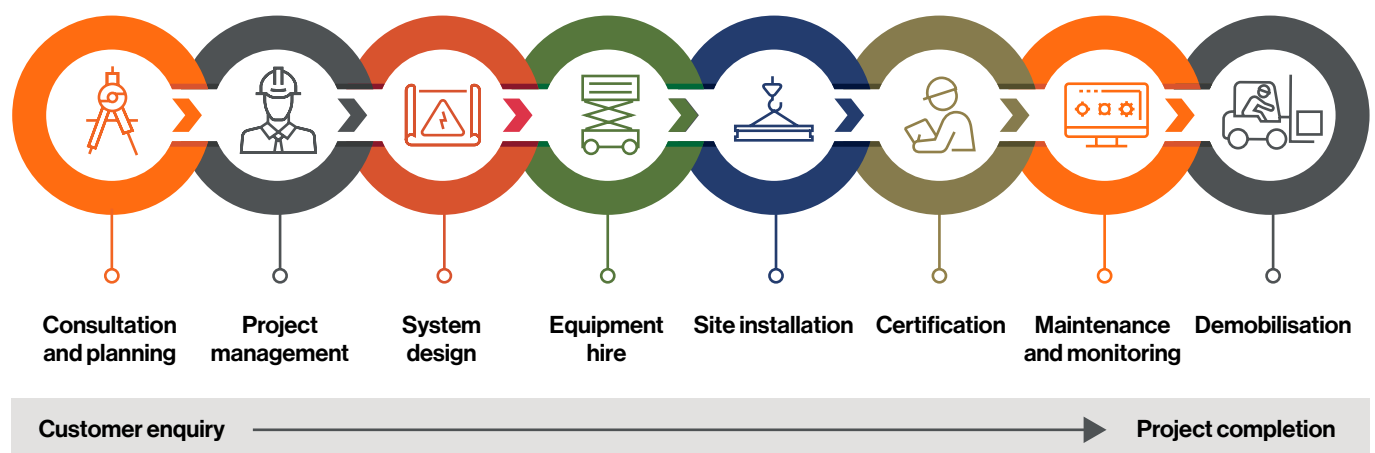
Servicing & Local Support

All equipment is regularly serviced by our own maintenance teams. We provide tailored maintenance programs based on required operating hours, site and environmental conditions, plus operator training for your on-site team if required. In the event of equipment failure or breakdown, our field service teams provide 24/7 breakdown support.

Remote Control & Monitoring

For total peace of mind, we offer remote control and real-time monitoring of your hire equipment. This allows us to identify and respond quickly to performance issues or equipment failure, and arrange servicing, shutdown or even relocation of the machine before it affects your operations.

Complete project support



Rapid & Emergency Response

When disaster strikes, Coates can rapidly mobilise equipment and personnel across the country to provide a full turnkey site management solution to businesses, government agencies or communities in need.

Breakdown of critical equipment

Breakdown of critical equipment at complex or high-traffic sites is not just costly and disruptive, it can be a showstopper. Coates can support you during your immediate emergency, and provide contingency planning and standby systems so you're prepared for the future.

Unplanned maintenance / plant or site upgrades

Whether an industrial maintenance event is planned or unplanned, every day of lost production affects your bottom line. Working alongside Coates Industrial Solutions team, we can support all your plant maintenance activities, including:

- Temporary power for maintenance activities
- Chiller systems to crash cool product, plant or keep workers cool in hot spaces
- Compressed air for tooling during a shutdown
- Bespoke bridging solutions for shorter-term power, air or temperature control needs

Increased production demand

When market conditions change and you need to turn up the dial on production processes, or sudden weather fluctuations put your fixed plant under pressure, Coates Power & HVAC can help you safely boost production in line with demand.

- Critical supply arrangements or redundancy options
- Standalone temporary power or HVAC systems
- Integrate rental equipment into your fixed plant systems

Disaster response

Coates is uniquely positioned to support emergency response teams across the country during natural disasters and other emergency situations. We'll deliver integrated equipment solutions to support fully plumbed and powered mobile command centres, camps for emergency workers, and community relief centres.

- **Equipment hire:** Generators, air conditioning units, lighting, portable buildings, ablution blocks, traffic management and much more
- **24/7 field support:** Supply of consumables, daily sewage pump outs, fuel deliveries and storage, cleaners, security guards, and other critical site services and amenities
- **Turnkey project management:** Key contact to manage your project from start to finish, including equipment hire, transport, installation, trades, site services and more



See how Coates established a 500-bed camp with full infrastructure for the NSW Rural Fire Service (RFS) in just 48 hours in flood-affected northern NSW.





Power

When electrical downtime is not an option, you can trust us to keep the power on. Whether you need long or short-term hire, temporary or emergency power, Coates Power & HVAC can provide a turnkey solution.

Power Generation

Coates generators are designed and built to our own specifications to deliver in challenging Australian conditions. Keep your site running with a turnkey package, including installation and all supporting accessories, project management, refuelling, transport, maintenance and 24/7 on-call support.

Range includes:

- Container style generators 650 kVA -1400 kVA
- Skid mounted or silenced generators 10kVA - 650 kVA
- Trailer mounted portable generators 11 kVA - 100 kVA
- Auxiliary fuel tanks, cables, transfer switches, marshalling panels and distribution boards
- Load banks

Applications:

- Small construction, residential, event and leisure applications
- Large construction, commercial and remote applications
- Major industrial, commercial or utility applications
 - Customised power solutions with multiple generators, synchronised to support critical loads reliably and effectively
 - Support on- or off-grid, shutdowns, scheduled outages or maintenance of any size and duration
 - Provide prime power, back-up power and emergency support during a sudden power cut

Key benefits:

- Reliable and uninterrupted power supply
- Easy to transport and manoeuvre, thanks to certified lift points
- Fast and easy to operate, due to plug-and-play capabilities
- Mobile units built for flexibility
- Fuel-efficient to save you money
- Peace of mind from remote monitoring and control

Power

Battery & Hybrid Power

For a cleaner and more cost-effective way of generating power on your site, Coates Power & HVAC offers battery and hybrid power solutions. Whether your site is off-grid or connected to the power grid, we'll help you cut both greenhouse gas emissions and operating costs.

Range includes:

- Battery Energy Storage Systems (BESS)
- Bespoke hybrid power systems (HPS)

Applications:

- Construction projects
- Industrial shutdowns
- Commercial activities
- Events
- Mining & remote sites

Key benefits:

- Reliable power for sites with limited or no power
- Reduced greenhouse gas emissions
- Less noise
- Significant fuel savings
- Uninterrupted Power Supply (UPS) during power outages or generator failure
- Ideal for noise-sensitive applications
- Optimise diesel plant by acting as a buffer for fluctuating power and load demands



Power

Power Distribution

An efficient power distribution system will ensure the power reaches all corners of your site without compromising quality or stability. Our equipment is regularly tested and tagged so it's safe and ready to go. Small or large, simple or complex, we can design, supply and install a turnkey solution compliant with National Electricity Rules.

Range includes:

- Distribution boards from 10A - 1600A
- Transfer switches from 125A - 1000A
- Purpose-built panels, such as marshalling panels rated from 250A - 1600A
- Single-phase and three-phase accessories, such as leads, cables, cable covers and distribution boards
- Specialist all-weather accessories, including cables, large distribution boards, marshalling panels and transfer switches

Applications:

- Large-scale power distribution for industry
- Temporary power systems for shutdown and maintenance activities
- Construction sites
- Outdoor applications
- Events
- Film & TV

Key benefits

- Plug-and-play equipment for quick and safe setup
- Highly flexible, modular distribution equipment
- Easily scaled to suit your requirements
- Inbuilt RCDs improve site safety
- High compliance and high spec distribution equipment for all-weather duty



Heating, Ventilation & Air Conditioning (HVAC)

Fluid Chilling

When you require precise process cooling, Coates has a custom-built fleet of chillers, air handling units, cooling towers and heat exchangers. Hire a modular unit that's easy to scale, or we'll build a bespoke, semi-permanent system to suit your longer-term cooling requirements.

Range includes:

- Chillers from 30 kW to 800 kW
- Air handling units
- Cooling towers
- Heat exchangers
- Variable speed pump sets
- Tanks, hoses and fittings
- Ancillary equipment

Applications:

- Process cooling
- Industrial cooling
- Pharmaceuticals
- Mining
- Food processing
- Ice rinks

Key benefits

- Flexibility, eg. skid-mounted heat exchangers can be combined with fluid chillers
- Create industrial-scale air cooling systems with modular, scalable units
- Meet safety standards with very cold or sub-zero temperatures.



Heating, Ventilation & Air Conditioning (HVAC)

Air Conditioning

Temperature extremes can impact your operations and affect the health and safety of your workforce. Whether you need to cool temporary structures for an event or keep IT servers cool, our plug-and-play, high-capacity air conditioners can be quickly deployed to provide immediate relief.

Range includes:

- Air conditioners from 4.5 to 100 kW
- Reverse cycle packaged units
- Skid-mounted and portable units
- Evaporative coolers

Applications:

- Industrial shutdowns
- Building comfort cooling or heating
- Event cooling or heating
- Tunnel or shaft cooling
- Critical environments (eg. data centres, remote mines)
- Warehouse cooling
- Construction

Key benefits:

- Suitable for a wide range of industries and applications
- Compact units that are easy to install and transport
- Plug-and-play features for quick setup
- Low noise emissions



Heating, Ventilation & Air Conditioning (HVAC)

Heating

Heating is often overlooked in Australia's warmer climates, but it's an important element of industrial and manufacturing processes. Suitable for a wide range of applications, our industrial heating equipment will assist your temp positive applications, including load testing and load banking.

Range includes:

- Reverse-cycle chillers
- Hot water heaters
- Electric heaters
- Load banks
- Direct / indirect diesel furnaces
- Gas furnaces
- Diesel-fired boilers
- Portable units, temporary installations and bridging solutions
- Bespoke, standalone heating systems

Applications:

- Climate control
- Drying and curing
- Heat load testing

Key benefits:

- Provides year-round comfort
- Helps minimise downtime
- Helps manage unpredictable weather events
- Can integrate with existing climate control systems



Heating, Ventilation & Air Conditioning (HVAC)

Ventilation & Air Quality

Poor ventilation and air quality can expose workers to potentially hazardous health and safety conditions, and damage valuable equipment. With the right ventilation and air quality system, we'll help you eliminate fumes, control and filter dust or heavy particulate, and control humidity on your jobsite.

Range includes:

- Skid-mounted and portable exhaust fans
- Space cooling fans
- High static fans
- Pedestal fans
- Filtration options
- Desiccant dehumidifiers
- Refrigerated dehumidifiers
- Flexible ducting

Applications:

- Industrial manufacturing
- Construction works
- Tunnelling works
- Plant shutdowns

Key benefits:

- Protect workers from airborne contaminants
- Maintain productivity with comfortable temperature and humidity levels
- Reduce potential fire or explosion risks
- Protect critical assets and equipment





Compressed Air

From mining, drilling, oil & gas to construction, manufacturing, food processing and more, Coates Power & HVAC can provide a cost-effective, energy-efficient compressed air solution to ensure safe and productive operations.

Industrial Air

The right compressed air system for your plant or processes will lead to better performance, reliability and energy efficiency. Our experienced team will assess, specify, install and commission a single or multi-stage compressed air system to suit your needs regarding air pressure, flow, quality, storage and monitoring.

Range includes:

- Single or multi-stage air compressors, including rotary screw and piston single-stage air compressors
- Standard pressure units (5 – 7 bar / 70 - 100 psi)
- Medium pressure units (10 - 14 bar / 150 - 200 psi)
- High pressure units (15 - 35 bar / 200 - 500 psi)

Applications:

- General production processes:
 - Fabrication
 - Manufacturing
 - Mining
 - Metal refining and processing
 - Construction
 - Agriculture
 - Abrasive blasting and painting
 - Drilling
 - Refinery
- More demanding applications:
 - Exploration drilling
 - Marine and military
 - Chemical processing
 - Oil & gas
 - Pipeline testing and cleaning
 - Well maintenance

Key benefits:

- Provides a reliable power source
- Delivers power smoothly and consistently
- Operates safely in volatile and harsh environments

Compressed Air

Oil-Free Air

For critical applications requiring compressed air quality to ISO 8573.1 Class 0, oil-free systems operate with zero oil in the compression stage, eliminating the risk of oil contamination. From low pressure blowers to high pressure systems up to 40 bar or higher, you can rely on us to provide pure air and peace of mind.

Range includes:

- High pressure systems (20-100 bar / 300-1400 psi)
- Medium pressure systems (5-14 bar / 70-200 psi)
- Oil-free blowers (<4 bar / >60 psi)

Applications:

- High pressure systems:
 - PET bottle blowing and plastic injection moulding
 - Metal smelting and refining
 - Electronics manufacturing
- Medium pressure systems
 - Automotive
 - Food and beverage manufacturing
 - Pharmaceutical and chemical applications
 - Petrochemical and oil refinery processes
 - Power generation
 - Paper, packaging and textile manufacturing
 - Natural gas pipe cleaning
 - Snowmaking
- Oil-free blowers:
 - Mining
 - Chemical and petrochemical
 - Wastewater management
 - Food and beverage manufacturing

Key benefits:

- Low risk of contaminating end products or processes with oil
- Energy efficient air compressors
- Quiet operations
- Environmentally friendly
- Less maintenance intervals and cost (less down time / less parts needed)
- Less damage or contamination to pipe network.



Compressed Air

Quality Air

Whether industrial or oil-free, it's vital that your compressed air system is free of contaminants such as water, dirt, odour and oil (from industrial air compressors). To maintain optimal performance and air quality, Coates has a range of air filters and dryers designed for all ISO air purity classes.

Range includes:

- Air filters for contaminant removal
- Air dryers for water removal
 - Refrigerant dryers up to 2000 cfm for medium-level dry air
 - Desiccant dryers up to 5000 cfm for ultra-dry air
- Ancillary equipment, such as hoses, manifolds, air receivers, filtration packs, oil / water separators, blowpipes

Applications:

- Construction
- Mining & industrial
- Food and beverage manufacturing
- Pharmaceutical production
- Metal processing
- Medical applications
- Spray painting
- Sandblasting
- Pneumatics and instruments

Key benefits:

- Ensure the reliability of air-powered tools
- Safeguard production integrity and efficiency
- Improve hygiene and performance in compressed air systems



Compressed Air

Nitrogen Generation

Need nitrogen for your manufacturing, plant or laboratory processes? Hiring a nitrogen generator and air compressor package or connecting a nitrogen generator to an existing compatible air compressor, takes the hassle out of managing your nitrogen gas supply.

Range includes:

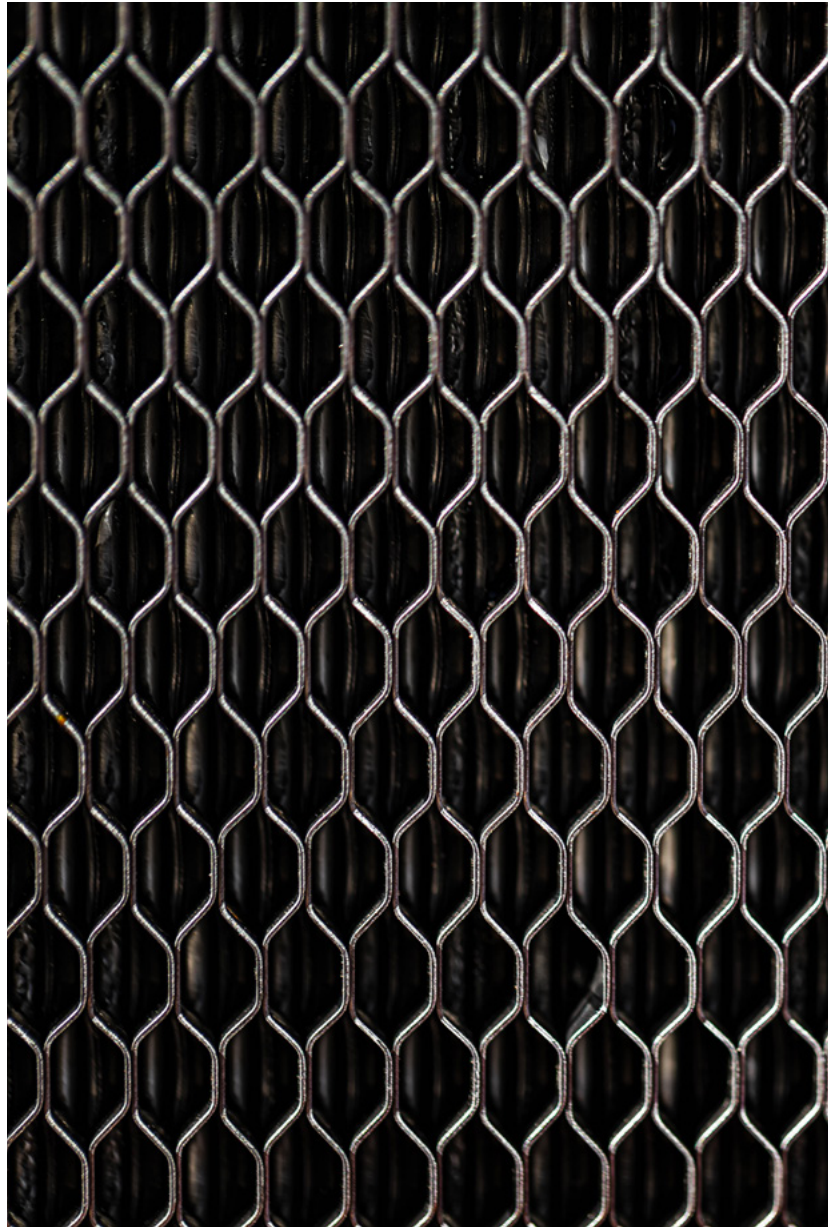
- Nitrogen generator packages comprising:
 - air compressor
 - membrane or PSA nitrogen generator

Applications:

- Industrial or scientific applications
 - Membrane nitrogen generator is suitable for low nitrogen purity levels (90-99%)
 - PSA nitrogen generator is required to achieve very high purities (99.999%)
- Chemical plants
- Pharmaceuticals
- Food packaging
- Mining

Key benefits:

- Flexible on-site nitrogen generation
- Complete package to meet your purity, flow and pressure needs
- More convenient and cost-effective than using liquid nitrogen cylinders



Compressed Air

Air-Operated Tools

Driven and operated by compressed air instead of electricity, industrial air tools (or pneumatic-powered tools) are a mainstay of remote sites with little or no access to grid power. Our quality air-operated tools are ideal for both workshop and on-site mining, construction and industrial applications.

Range includes:

- Air impact wrenches
- Air hammers and chisels
- Air grinders and cutters
- Air drills
- Air nutrunners
- Air rivet guns
- Air grinders
- Air scabblers and scarifiers
- Mine spec air tools

Applications:

- Mining
- Construction
- Industrial
- Workshop and on-site
- And much more

Key benefits:

- Suitable for hazardous environments, as no electric leads, sparks or shocks
- Lighter and less bulky than electric tools, so less operator fatigue
- Greater power-to-weight ratio than electric toolst



Case studies



Partnering for success

No matter how complex the project or site, Coates Power & HVAC helps customers like these solve their temporary compressed air, power, climate control and process cooling challenges.

Emergency spot cooling



Boral
Berrima Cement Works, NSW

Challenges:

- Need to provide urgent relief for contractors working in 50-plus degree temperatures while servicing the cement kiln during Boral's annual shutdown

Solutions:

- Designed, installed and commissioned a bespoke spot cooling system within 36 hours
- System consisted of 2 x Air Handling Units and 200kW Fluid Chiller
- Powered by 250kVA generator, 4500L fuel cell and LG17 distribution board

Impact:

"The solution is another good example of Coates stepping up to meet our needs."

Mick Davis, Boral

Industrial chiller breakdown



Visy
Moorabbin bottling factory, VIC

Challenges:

- An industrial chiller was urgently required by Visy after an existing chiller failed, resulting in lost productivity of four million plastic milk bottles over four days

Solutions:

- Dispatched an 800-kilowatt chiller from Sydney
- Accompanied by a Coates Product Specialist to facilitate installation and commissioning

Impact:

"The chiller was operational within 36 hours from time of order, allowing the factory to resume production."

Paul De Villiers, Coates

Temporary power generation



Australian Grand Prix Corporation
Albert Park GP circuit, VIC

Challenges:

- The circuit is non-permanent and effectively rebuilt each year, requiring a large amount of temporary power that must be delivered seamlessly
- Sustainability is an increasingly important consideration
- Changing scope demands a supplier who is flexible and capable of scaling up quickly

Solutions:

- Supplied more than 1,400 assets including generators, lighting towers (including battery solar and hybrid), portable buildings, portaloos and traffic management equipment
- Included 2 x 15kVA hybrid power systems and 2 x 45kVA Battery Energy Storage Systems (BESS)

Impact:

- Greener Choices hybrid power generation and lighting products displaced 3.5-tonnes of CO₂e and saved 1,300 litres of diesel over four days



Scan to read more case studies or visit coates.com.au/customer-stories



Sustainability

Coates

A partner for positive change

Towards sustainability

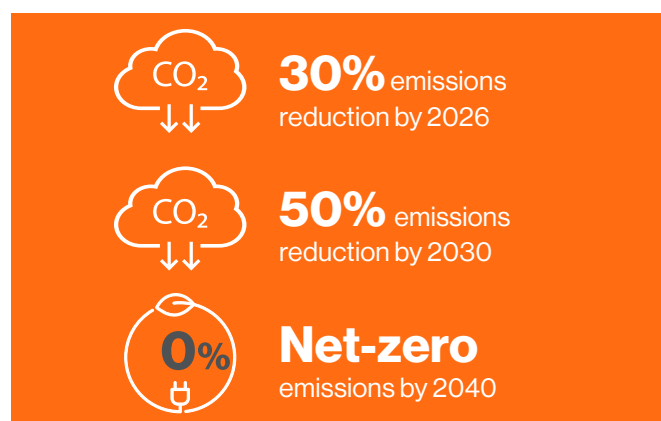
We know you want a partner who shares your values. That's why we've committed to net-zero targets and established a sustainability framework to help drive positive change for our stakeholders and wider society.

Our Sustainability framework includes five key pillars:

- Eco-efficiency
- Greener Choices
- Our People
- Our Communities
- Resilience

This is underpinned by the circular economy concept, which aims to extend product lifecycles through practices like reuse, maintenance, refurbishment and recycling, while minimising waste. Hiring equipment instead of buying it aligns with circular principles and is cost-effective, resource-efficient and environmentally friendly.

There are challenges ahead, but by working together, we can turn shared vision into meaningful action.



Providing Greener Choices

As you look for ways to improve the sustainability of your projects and organisation, we're responding by providing a range of more sustainable equipment and solutions to help you reach your green goals.

Our Greener Choices range includes battery electric, hybrid, solar, low pollutant engines and biofuel blend compatible equipment across categories including Access, Materials Handling, Lighting, Site Accommodation, General Hire Tools, Traffic Management and Solutions.

Supporting our communities

Coates is extremely proud of the role we play across Australia, supporting not only our customers, but also providing a helping hand when communities need us. Here's how we make a difference:

- **Local communities:** Each year, Coates supports local communities with access to equipment and services for sporting activities and events.
- **Emergency services:** For over a decade, we've worked with the NSW Rural Fire Service (RFS) to deliver critical temporary infrastructure and project support for communities in distress.
- **Coates Foundation:** Launched in 2021, the Foundation allows our business and our people to meaningfully contribute to positive social impact. Since 2021, we've contributed \$1.6 million to our selected charity partners. Meanwhile, in FY24, our employees contributed more than 2000 volunteer hours, up from 600 hours in FY23.

Supporting reconciliation

As an Australian-owned business, we're proud to be on the path to reconciliation and are committed to working with your organisation to help close the gap.

Having completed our 'Reflect' Reconciliation Action Plan (RAP) in 2021 and largely fulfilled our 'Innovate' RAP commitments in 2024, we're turning good intentions into measurable actions. Key reconciliation achievements include:

- ✓ Established formal partnerships with Indigenous chambers of commerce NSWICC, Noongar, Kinaway and GABC
- ✓ Created partnerships with Aboriginal and Torres Strait Islander businesses, which often supports the growth and expansion of their capabilities.
- ✓ **500% increase** in Aboriginal and Torres Strait Islander employee participation rate since our first RAP
- ✓ Provided all employees with an opportunity to engage in Cultural Awareness training
- ✓ Donated equipment and services to Aboriginal and Torres Strait Islander businesses and communities

Targets for Aboriginal and Torres Strait Islander representation

- 10% of apprentices by 2025
- 2.5% of employees by 2025
- 5% annual spend for two procurement categories by 2025



Partnering with the Clontarf Foundation

Our partnership with Clontarf helps support 150 academies across Australia, with more than 11,500 students enrolled. In 2024, Coates renewed the three-year partnership for another three years.

Key highlights of the partnership to date include:

- ✓ Employment of 15 Clontarf graduates at Coates
- ✓ Over 1,000 Clontarf students have participated in work site visits or work experience with Coates nationwide
- ✓ Coates staff have participated in more than 200 activities per year on average, including carnivals, morning trainings, employment forums and awards nights.

Championing diversity and inclusion

Coates is committed to promoting and encouraging female participation in the construction industry, aiming for 25% representation of women in leadership roles by 2025. Key milestones achieved over the past four years include:

- ✓ Winner of the Crystal Vision Awards at NSW National Association of Women in Construction (NAWIC) Awards for Excellence 2023
- ✓ Elevated female representation across all roles, including 78 leadership positions. As at May 2024, 23.1% of roles and 23.7% of leadership roles are filled by women – well ahead of the industry average
- ✓ Empowered 85 women through four cohorts of our Leadership, Excellence and Performance (LEAP) program
- ✓ Improved policy and procedures around parental leave
- ✓ Launched women's development and networking workshops
- ✓ Enhanced hiring practices to promote inclusivity.

Click to read more about our
Sustainability commitments or visit
coates.com.au/sustainability



Coates

POWER & HVAC



Contact us

For more information,
contact our experts today.

📞 13 15 52

✉ powerandhvac@coates.com.au

🌐 coates.com.au/power-and-hvac

