

NATIONAL
COVERAGE

MULTI-
PRODUCT
SPECIALISTS

24/7
CUSTOMER
SERVICE

AUTO
CUSTOMER
REPORTS

ACHIEVE
ENERGY
SAVINGS



Quantum

Technical Services

The **fresh** approach to **all** your servicing needs



AIR CONDITIONING

Quantum Technical Services is the preferred choice for air conditioning servicing and maintenance for over 1000 clients across Australia. Our innovative energy reduction and temperature controlling technologies provide commercial HVAC solutions that reduce energy costs and consumption.

NATIONAL SALES & SERVICING

Our high quality technical team is available nationally and also at a state or local level. National coverage gives us flexibility and scale to provide tailored multi-site customer care across state and regional offices.

24 HOUR SUPPORT ACROSS AUSTRALIA

You're only a phone call away for any servicing, maintenance or breakdown support. Simply phone **1300 AIR CON** any time of the day, any day of the week and we will arrange fast responsive service to get you back up and running.

SERVICE CONTRACTS

We understand you want worry-free HVAC. Regular scheduled servicing is the only answer in avoiding equipment breakdown that can be costly. Our clients across retail, national fast-food, government, hospitality, cinemas and hospitals value regular scheduled maintenance and fixed-price service contracts across our range of preventative maintenance programs.

THE HIGHEST LEVEL OF SERVICE

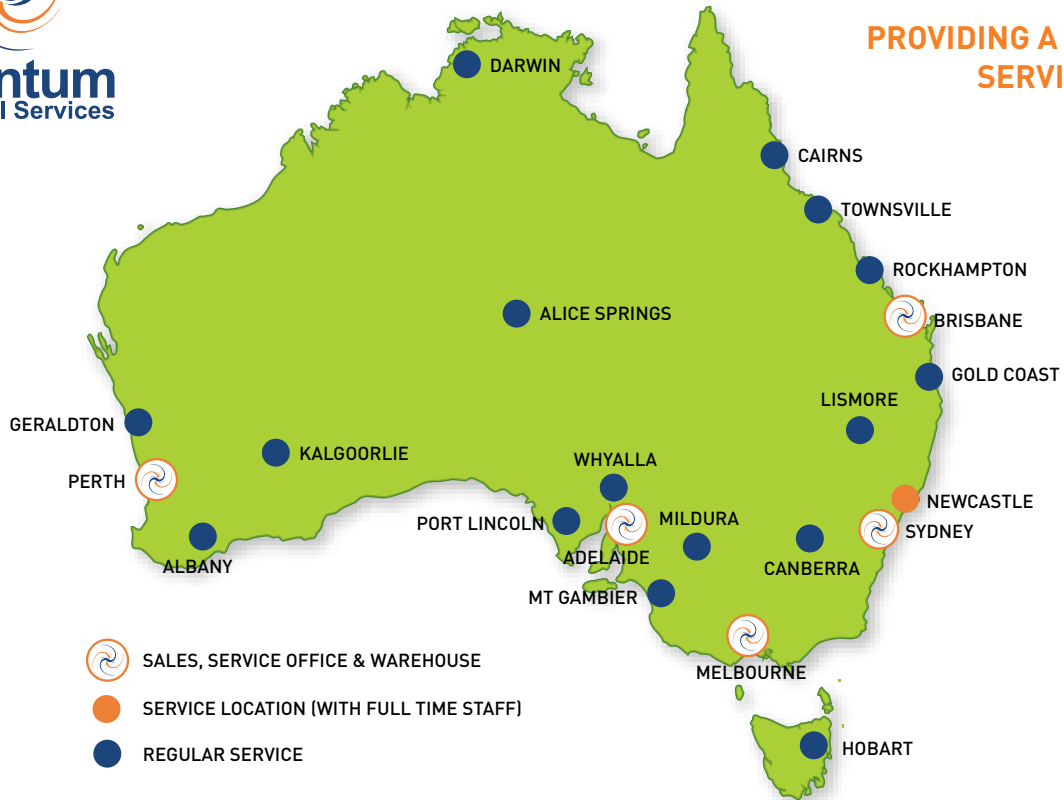
With over 100 fully qualified technicians Quantum Technical Services provides the highest level of service including:

- Performing diagnostics with latest technology testing equipment
- Checking control setpoint and calibration
- Monitoring system performance against design parameters
- Inspecting and cleaning filtration as per Australian standard
- Carrying out full functional test of electrical components

Large enough
to be national
small enough
to care

Our goal is to provide long term savings by designing comprehensive preventative maintenance programs





REFRIGERATION

CHILLED TO PERFECTION

Accurate and reliable refrigeration without breakdowns can make or break a business, especially in the heat of summer across Australia. Quantum Technical Services understands refrigeration as we have been installing, servicing and maintaining commercial fridges, cool rooms, freezers and open display cases for over ten years.

Our most popular preventative refrigeration maintenance is quarterly servicing that includes:

- Checking operation of cycling (control) thermostat
- Recording voltage readings and motor running amps
- Conducting a leak-check system
- Monitoring system pressure

We can help you achieve more from your refrigeration to experience more consistent temperatures, infrequent defrost, less humidity and condensation.



“So when energy costs are rising rapidly, we help you to bring them down”

ENERGY SAVINGS

SAVE MONEY – REDUCE ENERGY

Quantum Technical Services is an environmental leader when it comes to innovative solutions to reduce energy consumption, your carbon footprint and your energy bills.

We are proud to partner with XDX Australia who supplies us with its patented technologies that change the world of refrigeration and air conditioning. Quantum Technical Services installs and maintains the XDX valve which can be added to most types of cooling equipment to produce energy savings.

The XDX valve has been an international success as it breaks conventional rules of refrigeration. In a conventional refrigeration coil, refrigerant flows into the evaporator at a low temperature and low pressure and then gains heat as it passes through and is passed out of the evaporator warmer at a higher pressure.

The XDX valve is added to your existing system before the refrigerant enters the coil, and the flow is altered to an annular flow which results in a more even heat transfer and significantly greater efficiency.

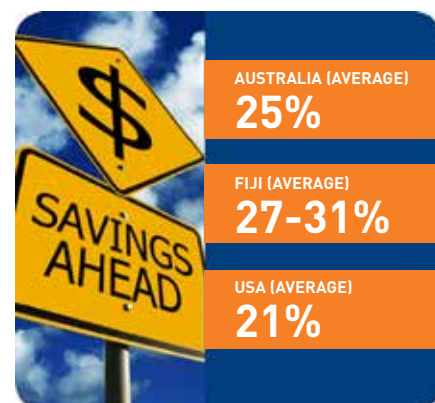
Quantum Technical Services & XDX together provide:

- Significant energy savings
- Reduced defrost cycles
- More consistent temperatures
- Lower maintenance costs
- Extended equipment life
- Increased product shelf life
- Reduction in both shrinkage and spoilage
- Return on investment 9 - 36* months



Guaranteed energy saving is based on regular maintenance of your equipment.

*Data provided by XDX Australia



Enquire about our Energy Measurement Audit. Call 1300 AIR CON or speak to your Quantum Technical Services sales representative.

COFFEE

FRESHLY GROUND COFFEE EVERY TIME

Producing consistently good quality coffee is not just the art of a trained barista. A carefully maintained commercial coffee machine is essential to producing the perfectly calibrated latte, short black or macchiato every time.

Quantum Technical Services proudly partners with Australian coffee companies to install, maintain and repair leading international and Australian coffee machine brands. Our coffee machine servicing includes:

- Perform relevant service for cup count or time period
- Access error log & repair identified problems
- Update software
- Confirm cup volumes
- Sample coffee for quality & taste
- Adjust recipes if required.

Our technicians receive ongoing technical training and carry a complement of OEM spare parts to ensure we meet manufacturers' standards.

All Quantum Technical Services coffee technicians are trained baristas



POST-MIX and CO₂ MONITORING

FAST RELIABLE COLD DRINKS

The daily volume demands of post-mix machines means they need to be 100% reliable to dispense the perfect balance of flavour syrup and effervescence.

Quantum Technical Services maintains post-mix machines around Australia for leading fast-food companies. Our service includes:

- Pump and dispenser valve maintenance
- Superchiller maintenance
- Check syrup supply & ratios
- Check product filtration
- Installation and maintenance of CO₂ monitors as per AS5034-2005



MISTING



ACHIEVE LONGER SHELF LIFE AND PRODUCT FRESHNESS

Quantum Technical Services has partnered with internationally renowned misting and humidification systems company Miatech to supply, install and maintain Australian supermarkets with its leading technology.

Why not freshen up your store or outdoor areas with a Miatech solution installed and maintained by Quantum Technical Services?

- Fresh produce misting
- Deli case misting for seafood, chicken & deli meats
- Cool room & post harvest warehouse humidification
- Outdoor people-misting
- Energy mist for condenser cooling
- Air-borne bacteria control systems (ozone)



Quantum Technical Services can help you achieve energy savings with our range of products and temperature controllers.

The easiest of changes can have dramatic and positive impacts on energy consumption.

We've put together this checklist to get you started.



TEMPERATURE SETTINGS

Adjust the temperature according to the season rather than setting a constant 21-23 degrees all year round.



OFF-PEAK TIMES

Program systems to turn off at off-peak times and when your building, store or office is not occupied.



INVEST IN ENERGY SAVING DEVICES

Install more efficient systems and products to existing equipment which can reduce energy consumption. The XDX valve which can be added to most types of cooling equipment has seen savings of around 25%*, with more consistent temperatures and lower maintenance costs.



GO WITH THE RIGHT FLOW

Ensure you are heating and cooling main areas. Block vents in areas that are unoccupied such as storerooms to avoid wasting energy in low-traffic areas.



KEEP WINDOWS AND DOORS SHUT

Energy costs can soar as equipment has to work harder when doors and windows are left open. Keep them closed where possible.

SPEAK TO US ANYTIME BY PHONING 1300 AIR CON THAT'S 1300 247 266 TO DISCUSS YOUR SERVICE REQUIREMENTS.

Due to our streamlined administration we are able to keep our costs down and share those benefits with you.

Large enough to be national - Small enough to care.



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