

CAPABILITY STATEMENT





OUR STORY

PSE Refrigeration and Air Conditioning are committed to delivering reliable, efficient, and high-quality climate control solutions for commercial, and industrial clients in the refrigeration and HVAC industries.

We pride ourselves on producing workmanship of the highest standard, ensuring every project is completed with precision, care, and attention to detail.

To uphold this level of quality, we ensure all staff are trained to the utmost professional standards, continually developing their skills to stay aligned with industry best practices. With a strong focus on customer satisfaction, we provide expert installation, maintenance, and repair services for a wide range of refrigeration and HVAC systems.

Our team values professionalism, energy-efficient practices, and long-lasting results, guaranteeing comfort and performance our customers can depend on.

OUR SERVICES

PSE Refrigeration & Air Conditioning provides complete mechanical services from concept through to ongoing asset maintenance. Our team partners with commercial, industrial, and government clients to deliver reliable, energy-efficient refrigeration and HVAC solutions tailored to each project's operational requirements. Whether delivering a new design and construct project, responding to an urgent system failure, or implementing a preventative maintenance program, we focus on minimising downtime, maximising system performance, and ensuring compliance with all relevant Australian standards.

With experienced technicians, responsive service, and a commitment to quality workmanship, PSE delivers practical solutions that keep critical refrigeration and climate control systems operating safely, efficiently, and reliably.

HVAC

Refrigeration

Design and construct

Engineering

Preventative Maintenance

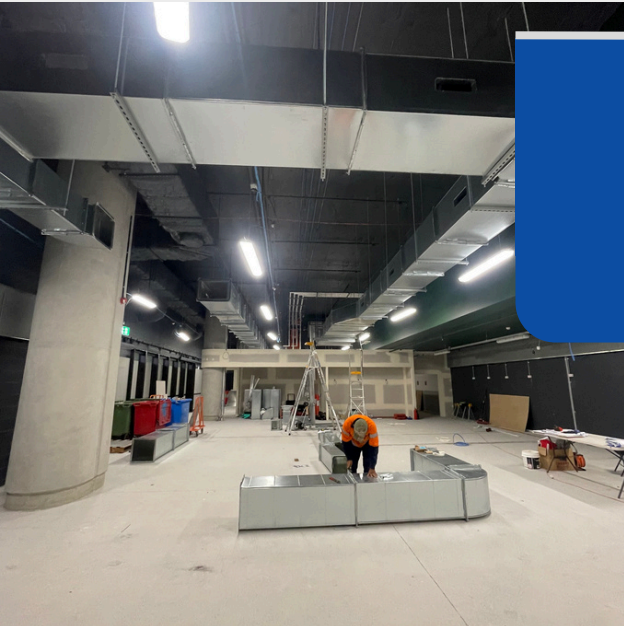
Breakdown & Repairs





OUR PROJECTS

For more than 30 Years PSE refrigeration and Airconditioning have completed hundreds of projects across the industrial and commercial refrigeration and HVAC sector.



PROJECT

- Johns Lyng Group
- \$140K
- Mechanical Fitout – IGA Parkville



PSE Refrigeration & Air Conditioning were engaged to complete several fitout projects within the metro tunnel project at Parkville, Anzac-Domain, State Library and Town Hall Stations.

PSE took the lead in re-designing the provided HVAC specification and design brief to provide the end client with a system that would deliver comfortable and reliable cooling and heating in year-round. PSE provided 2 large 4-pipe cooling and heating fan coil units along with all required pipework and valving reticulation, ductwork, hardware and mechanical services switchboard and controls.

This build as with all Metro projects required stringent adherence to the Metro design guidelines and requirements to ensure the system was safe, compliant and most of all robust for providing years of reliable operation.





PROJECT

- Prydes Confectionary
- \$400K
- Chiller plant upgrade and Heat Recovery



PSE Refrigeration & Air Conditioning take pride in ensuring our customers are provided with the best service and the best equipment available. When it came time to consider options on Prydes Confectionary's main process and HVAC chilled water plant unit after a catastrophic failure, PSE worked with the end client to see what option would best suit them going forward.

Rebuilding of the 30 year old Ammonia Chiller's screw compressors was tabled however the sizeable input power over the long term, coupled with no heat recovery currently in place and an ageing casing structure and electronics meant that other, more service friendly options were investigated.

The decision was made to install a 900kw (nominal) Mitsubishi Electric Climaveneta chiller with full capacity heat recovery (refrigerant desuperheaters). As Prydes has a constant base load throughout the year, hot water can always be generated as a by product of the refrigeration cycle. This in turn can be utilised to lower the heat load demand of process heating, climate heating, domestic hot water and so forth.

PSE coordinated, along with our team and sub contractors, the decommissioning of the ammonia plant, crange removal and installation, pipework, insulation and commissioning of the unit.

Talk to PSE Refrigeration & Air Conditioning about how we can assist in your process or climate chiller requirements by contacting our sales and engineering teams.



PROJECT

- PACT Group
- \$800K
- Chilled Water and Compressed Air pipework reticulation upgrade and plant relocation



PSE Refrigeration & Air Conditioning have assisted PACT Group for many years, from service and routine maintenance to projects large and small across the HVAC, Refrigeration and Mechanical Services sectors.

When it came time to consolidated plants into their existing Dandenong South facility we were ready to assist in a design and construct capacity to meet the end requirement on scope and on budget. The project included structural bracket sets for not only the mechanical services but the accompanying electrical, material conveying and process ductwork services. We then got busy with what we do best, quality refrigeration and mechanical installations. This included a 200m chilled water main constructed from spiral stainless tubing, ~220m of compressed air ring and then end connections to nine blow moulding machines and 5 automated baggers to breathe life into a state-of-the-art moulding and packing facility.

Our team also assisted with relocating several large chilled water units from a defunct PACT Group site in the south-east and re-installed them with new and/or refurbished pumps, storage tanks and associated infrastructure to complete the project.

CONTACT INFORMATION

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