

**AIRFAST**  
AIR CONDITIONING

# Air Conditioning & Mechanical Services

Integrated commercial heating, ventilation and  
air conditioning (HVAC) solutions across Sydney and Greater NSW



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# About Us

Airfast Air Conditioning Pty Ltd is a NSW-based mechanical services company that has been providing commercial heating, ventilation and air conditioning (HVAC) services since 2002.

With more than 30 years of experience in the industry, the team at Airfast are known for their expertise in their field and are highly skilled across all areas of mechanical services, including design and construct and project management.

At Airfast we understand that air conditioning and mechanical services are an important aspect of all commercial properties, and our complete range of integrated HVAC solutions are suited to all sizes and sectors.

## Commitment to safety

Airfast is highly committed to the health and safety of its employees and subcontractors at all times. With strict on-site safety policies outlined in a comprehensive Work Health and Safety manual, we take all necessary measures to identify and control any potential risks and/or hazards.

## Our Expertise

The team at Airfast are skilled in providing mechanical services to building projects across a wide variety of industries.

Our portfolio of past projects features a diverse range of construction services including (but not limited to):

- Office Refurbishments
- Shopping Centres
- New Commercial Office Buildings
- Office fitouts
- Plant Replacements – Major & Minor
- Plant Refurbishments
- Cooling Tower Replacements
- Clubs and Hotels
- Car Park Exhaust Systems
- Schools
- High End Residential
- Aged Care
- Commercial Kitchens
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# Featured Projects

Airfast Air Conditioning Pty Ltd has a broad range of experience providing HVAC services across various industries in the commercial sector, including education, hotels, aged care, churches and automotive.

Some recent projects are:

## St Mark's Coptic College

YEAR: **2021-2022** | SECTOR: **EDUCATION** | BUILDER: **PROJECT CO-ORDINATION**

For St Mark's Coptic College Airfast installed multiple Daikin VRV systems connected to 85 fan coil units spread across 3 buildings which were piped back to a centralised roof plant area. Multiple exhaust systems were installed throughout the buildings.

**Key Features:** LG VRF systems, general supply air systems, general exhaust systems and mechanical electrical





## 72-84 Foveaux Street, Surry Hills

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YEAR: **2021-2022** | SECTOR: **COMMERCIAL**  
BUILDER: **INFINITY CONSTRUCTIONS**

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This project included the refurbishment and partial reconstruction of two separate buildings to be combined together to make one commercial building with multiple spaces spread over 9 levels.

Airfast used Yanmar Gas Powered Chillers and VRF systems to meet the building requirements as there wasn't sufficient power to run conventional chillers & VRF systems.

The installation of the Building Management Control System (BMCS) was to give the building one centralised system to integrate all the building's services into one.

The installation of a commercial kitchen required a Kitchen Exhaust Systems complete with a makeup air system.

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**Key Features:** Yanmar Gas Powered Chillers, Water Pumps, Air Handling Units, Yanmar Gas Powered VRF systems, Kitchen Exhaust System, Mechanical Electrical and full BMCS.



## PCYC, Walgett

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YEAR COMPLETED: **2021** | SECTOR: **EDUCATION/LEISURE**  
BUILDER: **CARFAX COMMERCIAL CONSTRUCTIONS**

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Situated 648km from Sydney, this new construction PCYC is purpose built for the youth of this rural community.

This design and construct project consisted of a LG VRF air conditioning system to service the offices and gym areas.

The use of round sheet metal and fabric duct connected to four evaporative coolers was used for the court areas.

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**Key Features:** LG VRF Air Conditioning System; Seeley Evaporative Coolers (Climate Wizards); multiple ventilation systems.



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## Anglicare Commercial Production Kitchen

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YEAR COMPLETED: **2020** | SECTOR: **INDUSTRIAL/AGED CARE/HOSPITALITY** | BUILDER: **ROHRIG CONSTRUCTIONS**

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Airfast was awarded this design and construct project in 2019.

This commercial production kitchen was designed to cater quality and tasty food to service the aged care sector.

The new installation included a chilled water circuit, hot water circuit, condenser water circuit, steam circuit and compressed air circuit to service the specialised equipment required for the newly reconstructed premises.

The team at Airfast were able to meet construction deadlines while facing overseas delayed procurement in the early stages of COVID-19.

**Key Features:** Cooling Towers, Chillers, Hot Water Boilers, Steam Boilers, Compressed Air System, Pumps, Air Handling Units, Kitchen Exhaust Systems complete with Make Up Air Systems, Mechanical Electrical and BMCS.

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## Barker College, Hornsby

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YEAR COMPLETED: **2020** | SECTOR: **EDUCATION** | BUILDER: **PRIME CONSTRUCTIONS**

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This sports and learning precinct for Barker College is an architecturally unique building in which we provided centralised tempered air systems for the sports areas which fed air conditioned air to a 100 metre oval duct and temperature controlled jet diffusers.

The learning spaces were equipped with Daikin VRV ducted systems and various ventilation systems were installed throughout the building.

**Key Features:** Daikin VRV systems, Tempered Air Rooftop Package systems, Carpark Exhaust systems, general exhaust systems, mechanical electrical and BMCS.



## Hillsong Church, Macquarie Park

YEAR COMPLETED: 2020 | SECTOR: CHURCH | BUILDER: REITSMA CONSTRUCTIONS CONSTRUCTIONS

This building conversion transformed a commercial and warehouse space into a modernised place of worship.

The installation of Samsung VRF systems and Energy Recovery Package systems, provided the required mechanical needs for the church.

**Key Features:** Samsung VRF systems, Energy Recovery Package systems, general exhaust systems and mechanical electrical.



## No.1 Fire Station, Sydney

YEAR COMPLETED: 2020 | SECTOR: GOVERNMENT  
BUILDER: CARFAX COMMERCIAL CONSTRUCTIONS

Airfast was engaged to upgrade mechanical works for the new refurbishment of No. 1 Fire Station. These works included expansion of the chilled and hot water systems, installation of air handling units and fan coils. Upgrade of BMS, new mechanical ventilation to change rooms, toilets and engine bay exhaust.

**Key Features:** Mitsubishi VRF; Temperzone AHU; BMS upgrade; Temperature and Zone Control for individual recline rooms; Engine Bay Exhaust System





## Bankstown RSL

YEAR COMPLETED: **2019** | SECTOR: **HOSPITALITY**

BUILDER: **INFINITY CONSTRUCTIONS**

Airfast were engaged to provide various HVAC services to the new club, including new air cooled chillers, hot water boilers, air handling units, kitchen exhaust systems, air cooled air conditioning systems, general exhaust systems, smoke and fire dampers, mechanical electrical & complete new BMCS & EMS system.

**Key Features:** Air Cooled Chillers, Hot Water Boilers, Air Handling Units, Water Fan Coil Units, Kitchen Exhaust systems, 4 Stage Kitchen Exhaust Air Filtration Unit and BMCS.



## Cobar Hospital, NSW Health

YEAR COMPLETED: **2019** | SECTOR: **HEALTH** | BUILDER: **HUTCHINSON BUILDERS**

Airfast were awarded the mechanical services contract to supply and install multiple VRF systems, exhaust air systems, fresh air systems and a complete BMCS system.

**Key Features:** Mitsubishi VRF, Ventilation Systems & BIM Co-Ordination.

Airfast were also engaged to fully co-ordinate the BIM modelling and clash detection process for all services. This allowed the installation to be installed with very minimal problems.



## St Catherines Aged Care

YEAR COMPLETED: **2018** | SECTOR: **AGED CARE** | BUILDER: **PAYNTER DIXON**

St Catherine’s Aged Care facility was a staged refurbishment with additions to residential rooms, bathroom amenities and communal spaces. Airfast were given the contract to install multiple new VRV air conditioning and new exhaust systems. Because the facility was already occupied Airfast had to ensure that the installation process would not disrupt the usual day to day processes for the facility.

**Key Features:** Daikin VRV systems, general exhaust/supply air systems and mechanical electrical.

## The Ponds Aged Care, Macquarie Park

YEAR COMPLETED: **2017** | SECTOR: **AGED CARE** | BUILDER: **TOTAL CONSTRUCTION**

The Ponds Residential Aged Care Facility in Sydney’s Hills District, was completed in January 2017 as a new residential aged care facility that comprises of 104 beds spread across 8 wings.

Airfast was engaged to provide various HVAC services to the facility, including air conditioning systems, exhaust systems and smoke and fire dampers. In order to meet the project’s tight deadline, the site was divided into two different zones so that work crews could work concurrently to meet each milestone.

**Key Features:** Daikin VRV systems, Energy Recovery ventilators, general exhaust/supply air systems, commercial kitchen exhaust systems and mechanical electrical.

This required the Airfast team to be extra vigilant in meeting strict on-site safety policies.





# Current Projects

## Campion College

YEAR: 2022 | SECTOR: EDUCATION | BUILDER: REITSMA CONSTRUCTION

This design & construct project consisted of four new boarding houses and a large new library/admin building. Airfast will be installing Daikin VRV systems throughout the project along with rooftop package units.

**Key Features:** Daikin VRV systems, Daikin Package systems, general exhaust systems and mechanical electrical services.



## Bankstown Airport - Site 112

YEAR: 2022 | SECTOR: AVIATION | BUILDER: PROJECT ONE

Airfast will be installing an LG VRF system and multiple exhaust/supply systems throughout this Greenstar rated project. We are also modifying existing central plant by reconfiguring existing ductwork and introducing new VAV terminals complete with electric reheats. The centralised air conditioning systems are controlled via an Innotech control system.

**Key Features:** GREENSTAR Rating, LG VRF systems, Holyoake VAV Terminals, general exhaust/supply systems, Innotech controls and mechanical electrical services.

# Previous Projects

## Hospitals

Blacktown Hospital  
Cobar Hospital  
Nepean Hospital  
Norwest Private Hospital Suite 203  
Ryde Hospital  
Westmead Hospital  
Wollongong Hospital – Mortuary

## Hotels/Clubs

Barrenjoey House  
Glenorie RSL  
Hornsby RSL  
Lithgow Workers Club  
Lynwood Golf Club  
Maroubra Bay Hotel  
Metro Hotel Sydney  
Narellan Hotel  
Newtown Hotel  
Nomad Restaurant  
O'Donoghues Irish Pub, Emu Plains  
Paragon Hotel  
Parramatta PARKROYAL Hotel  
Patonga Hotel  
Robin Hood Hotel  
St Marys District Band Club  
The Office Hotel CBD  
The Red Cow Hotel Penrith  
West Tradies Club

## Others

ARB Moorebank  
ARB Seven Hills  
Bethal Mar Thoma Church, Horsley Park  
Ferrari-Maserati Showroom, Waterloo  
Holy Family Parish, Ingleburn  
Judith Neilson Institute Sydney  
Katoomba Courthouse  
Petbarn, Campbelltown  
Roselands Shopping Centre  
Sell & Parker Metal Recycling Services  
Sisters of the Holy Family, Plumpton  
SMEG Australia Head Office, Banksmeadow  
Stockland Corrimal Shopping Centre  
Stockland Shell Harbour  
Stratco Warehouse  
Student Plaza, University of Western Sydney  
Sydney Jewish Museum, Darlinghurst  
Sydney Markets – Warehouse Z  
Sydney University Childcare Centre

## Aged Care

Ashburn House, Christadelphian Aged Care  
Cherrybrook Christian Care, Cherrybrook  
Governor Phillip Manor, RSL Life Care  
Lober House, Anglican Retirement Village,  
Pacific Lodge Aged Care Plus Centre, Collaroy  
Quakers Hill Nursing Home  
St Catherine's Aged Care Services, Eastwood  
The Ponds Aged Care, Anglican Retirement Village

## Education

Barker College, Hornsby  
Brescia Building, St Ursula's College  
Cathwest Emu Plains  
Cathwest Mt Druitt  
Chevalier College, Burradoo  
Domremy College, Five Dock  
Freeman Catholic College, Bonnyrigg Heights  
Hills Adventist College, Kellyville  
Kitchen & Dining Refurbishment, Ascham School  
Mamre Anglican School  
Marist College, Eastwood  
Marist College, Kogarah  
Mountain View Prep School  
Nagle College, Blacktown  
New Sports Precinct, Abbotsleigh, Wahroonga  
North Rocks Preschool  
Nowra Anglican College  
Nowra Christian School  
OLMC Parramatta  
Oran Park Anglican College  
Oxford Falls Grammar School  
Pacific Hills Christian College  
Penrith Anglican College  
Penrith Christian School  
Rouse Hill Anglican College  
St Anthony's Catholic College  
St Benedicts Catholic College, Oran Park  
St Brigid's Catholic College, Lake Munmorah NSW  
St Gregory's, Campbelltown  
St Joseph's, Orange NSW  
St Luke's Catholic College, Marsden Park  
St Marks Coptic College, Wattle Grove  
St Matthew's Catholic School, Mudgee NSW  
St Patrick's, Strathfield  
St Patrick's Primary School, Parramatta  
St Paul's, Camden  
The Kings School, Parramatta  
Thomas Hassall Anglican College  
Tyndale Christian School  
Wollondilly Anglican College