

Duct & Ductless Systems

When it comes time to pick out a new air conditioning system for your home, you will have to make the choice between ductless and duct models. While both of these types of systems have their advantages, the specifics of your situation will go a long way to determining which one is right for you.

Ductless air conditioning systems are becoming more and more popular these days for a number of reasons. For one, they are generally considered more energy efficient than their ducted counterparts. Also, ductless systems are often cheaper and simpler to install, particularly in a house that does not already contain ductwork.

These types of air conditioners use refrigerant lines to connect the indoor unit or units to the outdoor compressor. The refrigerant lines take up much less space than ducts do and they also are much easier to install. Refrigerant lines can also reach into areas of your house that ducts may not be able to, making it possible for you to bring the benefits of air conditioning to places that did not have access to it before.

The indoor unit of a ductless air conditioning system can generally handle the cooling load of one or two rooms, but if you want to cool a larger space, it will be necessary to install

multiple indoor units throughout the house. All of these units can connect to the same outdoor compressor and they can also be controlled individually. That means that you can set different temperatures in different parts of your house and you do not have to pay to cool the entire space if no one is occupying certain parts at the moment.

A duct air conditioning system also involves indoor and outdoor components. However, these elements are connected to each other by a system of ducts rather than by refrigerant lines. In a duct system, cooled air is brought inside from the compressor and then circulated through various ducts by the air handler.

The latest duct systems are quite energy efficient as well, and they can also be coupled with zone control systems to create different climate zones within your house. Particularly if you already have some ducts in place, a duct air conditioning system can be a great option for you.

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ABSOLUTE
CENTRAL AIR CONDITIONERS

COMPANY PROFILE

- Marine HVAC
- Residential, Commercial Industrial HVAC
- AMC & Preventive Maintenance
- Refrigeration, Cool Rooms
- Duct or Ductless System



Who We Are

When you call Absolute Central Air Conditioners, you're getting a team of experts dedicated to prompt and reliable service. Whether you need installations, maintenance work or repairs, we pride ourselves on making a positive impression and establishing lasting relationships with our customers.

Our service technicians are skilled and knowledgeable. We listen to your concerns, answer all your questions and discuss your options to help you determine what best meets your needs.

And, we take care of your home as if it were our own. Our work is meticulous and tidy and always up to code standards.

When choosing a company to handle your heating and cooling needs, the Better Business Bureau recommends that you:

Research the company's background and licensing.

Compare prices and service packages.

Review warranty coverage.

Ask about energy efficiency.

We couldn't agree more because once you do these things, you will know Absolute Central Air Conditioning is the right choice for you.

Call us at (02) 444 7724 or mail to absolutecacm@gmail.com for a free installation estimate, references, recommendations, questions or anything else.

Marine HVAC

Our Mission: Preferred customer partner for HVAC&R solutions through the lifecycle of any Marine assets, delivering world-class service, energy and operational performance

Product and system innovation

Absolute Central Air Conditioners advances its product portfolio introducing new, state of the art green technologies for new buildings as well as smart upgrades and optimal refrigerant conversions for existing fleets. Absolute Central Air Conditioners Marine solutions and products are tailored and optimized for each specific application and are based on the actual operating scenarios and energy monitoring/audits. In addition advanced waste heat recovery solutions further reduce fuel consumption on the newest ship platforms. New centrifugal chiller technology enables energy cost savings up to 30% compared to the solutions used only a decade ago. When choosing air handling unit (AHU) with enthalpy wheel technology it will be possible to save about 50% of the energy in the AC system compared to the conventional mixing chamber type. In both examples the added benefit is reduction of the CO2 emissions and improved environmental image for the ship-owner.

Real life experience

Complete chiller replacement on a cruise vessel can reduce annual energy consumption by up to 5000 MWh, the CO2 equivalent of which is 4500 tons; while a more simple compressor and controls retrofit can give up to 2000 MWh savings per annum, equivalent to 1800 tons of reduced CO2 emissions. Thanks to reduced fuel cost, reduced maintenance costs and down time of the new equipment, the new green technology from Johnson Controls Marine reduces the overall life cycle cost of the HVAC & R equipment on board.

Products and solutions:

- Full range of marine centrifugal and screw chillers
- Variable geometry diffusers and OptiSound controls for centrifugal chillers
- Magnetic bearing centrifugal chillers
- Variable speed drives
- Refrigeration systems and equipment for provision stores, technical spaces & ice rinks
- Air distribution & refrigeration systems and equipment for cargo spaces
- Application and ship integration expertise and engineering
- RADAR remote monitoring system



AMC & Preventive Maintenance

Scope of Non-comprehensive AMC

Absolute offers to take the responsibility of supporting its supplies for facilitating smooth operations at sites. It offers to minimize losses due to breakdown by preventive maintenance, promptly attending complaints, quickly responding to customer complaints, educating operators to proper usage, providing timely operational guidance to users and supplying product modifications, alterations or enhancements during the period of contract.

Additional Scope of Comprehensive AMC:

Absolute comprehensive AMC covers against all hardware components, instruments and PLCs supplied by Absolute as a part of product or solution except for special components if any. Absolute protects the above mentioned components and instruments against failure or natural damage. All parts which are either non-repairable or damaged beyond reparability are replaced with no additional cost to the customer. IDS stocks basic components at each site for quick replacement.

AMC services could be customized based on customer preferences.

Service commitments:

Breakdown calls: Action will start ASAP depending on the time of intimation of breakdown. If the telephonic troubleshooting fails, the person shall leave for the site after narrowing down the possibilities. He shall start for site within 8/18hrs* of intimation. He shall be well prepared and carry relevant spares tools and jigs.

Critical Calls: The problem would be considered critical when production is not affected, but normal operations are partially paralyzed. After narrowing down to the problem by telephonic trouble shooting, software-related problems could be addressed by remote access; or else the person shall leave within 48 hrs after the decision is taken.

Non-Critical calls: All non critical requirements would be noted, understood and shall be implemented during the scheduled visit to the site. However, software related requirements could be met with through remote access by appointment.



Quality Policy

Our prime objective is to offer products and solutions with unique features that would ensure smooth processes: maximizing automation and minimizing human intervention. Here at IDS complete integration of the core technologies benefitting the manufacturing industry come together under one roof, enabling comprehensive products and solutions possible for the concrete industry.

Customers of IDS always receive only the best in standards and our extremely satisfied customer base is a testimony for the same.

Refrigeration, Cool Rooms

Absolute Central Air Conditioners, we understand all aspects of commercial refrigeration including installation, service and maintenance.

Our direct customer involvement ensures that your project is delivered on time, on budget and exceeds your expectations.

This has resulted in Impact Refrigeration developing one of the best reputations for service quality and advice in the industry. Impact Refrigeration is the supplier of choice for some of the industries biggest names in Melbourne and rural Victoria.

View our latest projects

We supply and service:

Pubs
Hotels
Restaurants
Cafes
Butchers
Green Grocers
Supermarkets
Hospitals
Aged Care Facilities
Factories
Take Away Outlets
Night Clubs
RSL Clubs
Social Clubs
Sporting Clubs