



AIRSTREAM COOLING SYSTEMS

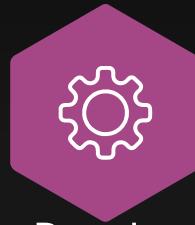
Company Profile



Inspections



Installation



Repairs



Maintenance

ABOUT US

AIRSTREAM COOLING SYSTEMS was established in 2019. It has now established itself as a very reputed organization providing one stop solution for Industrial Refrigeration requirements, catering from small organizations to large Chemical-Pharmaceutical Plants, from small food processing units to large Dairy plants while still maintaining expertise in our Installations.

AIRSTREAM COOLING SYSTEMS supplies heating, air-conditioning, and refrigeration equipment. The Company offers residential and light commercial air conditioning systems and accessories, building systems and services, truck refrigeration, and refrigeration products such as freezers, coolers, cold room, and related products.

We also provide maintenance, repair and consultancy services to manufacturing, retailing, mining and petrochemical companies in Kenya. We have expertise in chillers, air-conditioners, energy conservation, automation and advanced control systems.

We understand that the comfort and safety of the work place are key to every customer's satisfaction and productivity. We work diligently to ensure that our clients heating and cooling systems are always operating at their optimum efficiency at all times, guaranteeing increased energy efficiency, extended equipment life time, consistent comfort in their work and office space, as well as a peace of mind that comes from knowing that your equipments will always perform as expected.



Welcome to AIRSTREAM COOLING SYSTEMS

MISSION

Committed to providing quality Services at competitive rates in timely manner while observing Governing Laws.

VISION

To create a better environment for all

We realize that every customer has their own specific requirements that are unique in their own way. This knowledge allows us to approach each client project differently, and design solutions that best satisfy the needs of each application.

CUSTOMER SERVICE

We believe in building value adding relationship with our customers in the following ways:

- Understanding our clients' business and future plans.
- Continually monitoring our supply, installation and maintenance works.
- Being in constant touch with our customers.
- Ability to commence works as soon as called upon to do so.

BUSINESS AIM

We aim to become the leading supplier in its market of expertise and we acknowledge that only through the highest levels of commitment, can this goal be achieved and maintained.

Whether the need is to control the quality or continuity of heating and cooling systems, electrical appliances, or boiler and pump solutions, we are certain to be there to help and give it our ultimate level of expertise.

EXPERIENCE

We have a rich experience of installation, maintenance, repairs and supply of air conditioning and refrigeration.

EXPERIENCE AND KNOWLEDGE

We are very proud to offer the following engineering disciplines as part of its portfolio of services offered to our clients:

- Refrigeration system design
- Refrigeration contracting services
- Refrigeration plant design & manufacture
- Air Conditioning design & installation
- Ventilation & extraction design and installation

Air Conditioning -

- Commercial Air Conditioning – Design, sales, service, installation.
- Domestic Air Conditioning – Design, sales, service, installation.
- Ground Sourced Heat Pumps – Design, sales, service, installation.
- We offer planned maintenance and breakdown service for all your air conditioning needs to ensure you are running smoothly.

Refrigeration -

- Commercial Refrigeration – Design, manufacture, sales, service, installation.
- Industrial/commercial specialized refrigeration process cooling and automation.
- Specialised environment applications, laboratories, health facilities, clean rooms etc.
- Refrigeration and dehumidification projects for primary producers and processing facilities.
- We offer planned maintenance and breakdown service for all your commercial & industrial refrigeration needs to ensure you are running smoothly.

Ventilation -

- Ventilation
- Heat recovery ventilation
- LEV testing and installation
- Fume / dust extraction

Your dependable
experts



SECTORS THAT FALL UNDER OUR SERVICES



Food Retail Supermarkets & Convenience Store Operations



Non Food Retail Sections



Cold & Frozen Storage



Food Manufacture



Restaurants & Leisure



Hotels & Hostels

OUR SERVICES

AIR CONDITIONING

Aircons for home use



Ceiling Cassettes

This type of air conditioning is primarily used in commercial environments, like restaurants, hotels, supermarkets and large offices however it can be installed anywhere where there is a ceiling.



Floor (Free) Standing

This type of air conditioning units stands on its own to blend perfectly with the surrounding décor.



High Wall Splits

These units can be easily installed in offices or rooms and offers exceptional cooling and heating performance. We supply sizes from 9 000-36 000btu.



Horizontal Ducted/ Hide Away

Hidden under the ceiling, this type is designed for buildings that require floor level air conditioning for many individual rooms or large areas, like restaurants, concert hall and hotels.



Under Ceiling (Ceiling/Floor)

Depending on space availability, this type of air conditioning can be installed either on the ceiling or standing on the floor. The vertical flow of the cool/warm air can be controlled by remote control.



Window Type

These units can be installed easily in offices or homes through the window or wall opening.



SPARE PARTS

When you invest in an air conditioning or heating system for your home or business, it's only natural that you want it to last as long as possible. However, sometimes things don't always go to plan, and your trusty air conditioning or heating device may require repairs.

Not only do we carry the largest and widest range of spare parts, machinery, equipment, tools, refrigerant gases (including the new ozone friendly R134A / R404A) and accessories

Below are some of the Air Conditioning Spares:-



Blowers



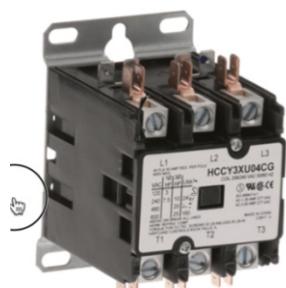
Blowers



Condensing Units



Copper Pipes



REFRIGERATION

From catering refrigeration to large central plant systems for major supermarkets, we offer an extensive range of services, covering the design, supply and installation of all types of refrigeration technology:-

Cold Rooms

Chilled and frozen food display and storage cabinets

Freezers

Cold rooms are the most popular option when it comes to cold storage of the large stocks of food products. There are several options for you while choosing cold rooms. The same freezer room cannot be used in all the business. Every business has its own needs and requirements so each business requires a cold room with different specifications.

The different types of cold rooms includes:



Modular Cold Room

The modular cold rooms are used most commonly in the food industry. This cold room uses the panels and insulation's materials which are very safe for the food. The materials used in the modular cold rooms are very easy to clean.



Walk-in cold room

This room allows you to walk inside the cold room as suggested by the name. This refrigerated can both be modular or combi.

The advantage of this room is that it offers a much larger storage capacity as compared to the cabinet sized chiller. You can easily store a large stock of food in this room.

FREEZERS

Freezers are electronic equipment where food is stored and frozen for a long time.

There are several different types of freezers available in the market these days for using it commercially and some which are suitable for domestic purpose.

There are different types and sizes of freezers. Today there are many technically superior and high class freezers available.

Here are various types of freezers:-

- Chest Freezers
- Frost Free Freezers
- Drawer Freezers
- Portable Freezers



Chest freezers are usually used for large households which need to stock food in big quantity. They are usually installed in garage or at store rooms because to their size. These are considered as energy proficient freezers.

Chest Freezers



This is perfect for easy access of food as it can put in the kitchen and its vertical shape allows you to reach for the food products easily. These units mostly feature auto defrosting which makes the maintenance of the unit much easier and it is also easy to clean.

Upright Freezers



Drawer freezers are typically found in larger kitchens or gourmet kitchens and provide convenience for the cook who needs to have certain items at hand while preparing foods.

Drawer Freezers



Portable Freezers

The development of small, portable freezers has made it possible to transport items in danger of spoiling without the mess and inconvenience of a cooler filled with ice.

CHILLERS



Industrial Chillers

Chiller systems are essential for temperature control and cooling in several industries. Choosing the right kind of industrial chiller for process and space cooling can lower cooling costs, minimize downtime, and improve operational efficiency.



Water Cooled Chillers



Air Cooled Chillers

The most common types of water chillers use water from an external tower to cool the gaseous refrigerant in the condenser. After expelling its heat, the refrigerant undergoes a phase change into a liquid and is re-circulated into the system.

Air-cooled chillers use ambient air to reject heat from the refrigerant in the condenser before condensation and re-circulation. Additionally, air fans attached to the unit help speed up the cooling process.



Air Cooled Chillers

Vapor compressor chillers use a compressor to pump refrigerant which extracts unwanted heat from a process. The components of the system are the same as in the absorption type – we have an evaporator, a condenser, and an expansion unit. However, there is no absorbent medium in the unit.

DOMESTIC CHILLERS

Commercial Display Fridges are a great investment. Not only do they help to keep your chilled food and drinks at the perfect serving temperature, they also help you to merchandise your products effectively to maximize sales.

Commonly seen in cafés, bars, takeaways and canteens, a front of house display fridge needs to be able to reliably hold large quantities of stock with minimal maintenance, whilst also providing easy access for customers or staff.

The type of display freezer may be chosen according to the food products you need to store.

There are different types Display Freezers with Glass Door used nowadays, they are:-



Multideck chiller

The Multideck Display Unit are mostly found in big grocery shops or the supermarkets because of its gracious capacity. These units are very good for self-service. It has multiple shelves as suggested by the name and can store large number of food products.



Upright glass display

Our standing cabinets are ideal for use within busy catering environments. Choose from slimline single-door options or opt for extra capacity with a double-door cabinet, all fitted with robust glass fronts



Counter top display

A Serve Over Counter can often be one of the largest front-of-house appliances in a food service business. Designed to effectively merchandise chilled food and drinks such as pastries, cheese, cooked meats or fish, a serve over counter offers a versatile assisted service solution.



Patisserie Display

These units are perfect for displaying ice cream as it is equipped with all of the necessary features which are required to store the ice cream. It has the temperature range which allows it to store ice cream for a long time.



HOME APPLIANCES

Cook every meal with power and precision. We provide cooker ranges and ovens that boast innovative technology for restaurant-worthy performances every night of the week and with their stylish clean lines, they'll blend seamlessly into your decor.

For cooking, dishwashing, doing laundry, refrigerating, preparing food or making coffee: You'll love the quality, reliability and precision of our kitchen appliances.



Refrigerators



Bain Marie



Ice Make



Washing Machines



Deep Fryers



Cooker Range



Compressor



Charging Line



Capillary Tube



Gas Cookers



Automatic Dish washer



Tea Urn



Coffee making machine

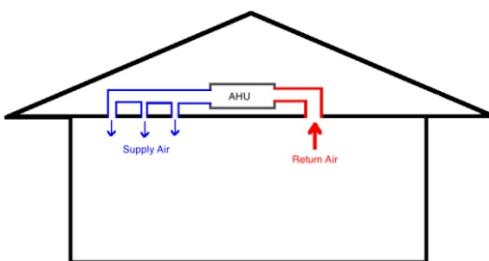


Gas-Salamander

HVAC SYSTEMS

HVAC systems are more used in different types of buildings such as industrial, commercial, residential and institutional buildings. The main mission of HVAC system is to satisfy the thermal comfort of occupants by adjusting and changing the outdoor air conditions to the desired conditions of occupied buildings.

The three main functions of an HVAC system are interrelated, especially when providing acceptable indoor air quality and thermal comfort. There are nine parts to your HVAC system that you should be familiar with the air return, filter, exhaust outlets, ducts, electrical elements, outdoor unit, compressor, coils and blower.



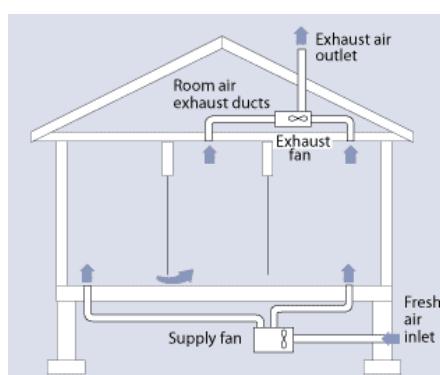
Air

Air return is the part of your system that marks the starting point of the ventilation cycle. This return sucks in air, draws it through a filter, and then passes it into the main system. Pro tip: Make sure to dust your returns frequently as debris and dust can easily build up on your filters.



Filter

Filter is the second part of the air return in which the air is drawn through. Pro tip: Make sure to change your filters regularly to keep your system in tip-top shape.



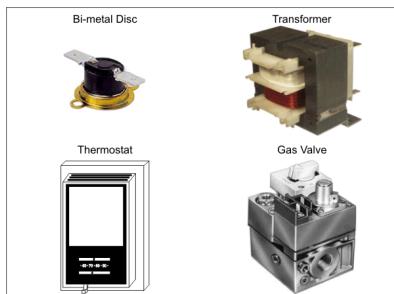
Exhaust Outlets

Another part of your system is the exhaust outlets where the exhaust created by the heating system is expelled.



Your ducts are the channels in which the heated or cooled air passes through.

Ducts



This part of your system can be a bit trickier, but often problems originate here first.

Electrical Elements



This is likely the part of your system you think of when someone mentions an HVAC system. The outdoor unit houses the fan which provides air flow. Keep your unit clear of debris and vegetation as it can cause serious problems if plants are sucked into your fan.

Outdoor Unit



Its another part of the outdoor unit, coils cool the air as it passes through with a little help from the refrigerant.

Coils



The blower draws in warm air through the main section of the unit. The more efficiently this air moves through, the more durable your system will be.

Blower

ATMS

We sell the dispensers of different carrying capacity as per the customer's needs and preference. We also sell various accessories and the replacements spares for the various different dispensers.

We provides customers with solutions for milk dispensers and salad oil dispensers commonly referred to as milk ATM and salad oil ATM respectively. The dispensers are convenient for vending milk and cooking oil in a shop or a supermarket.

The dispensers are able to:

- Record total daily sales.
- Take volume of the milk / oil that is fed into the dispenser and the remaining volume after sales.
- Track sales
- Have self cleaning menu
- Have user protection security



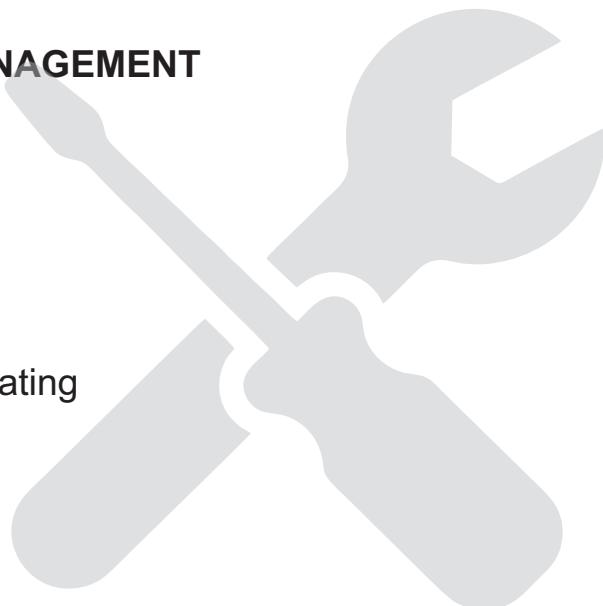
MILK & OIL ATMS

MAINTENANCE & REFURBISHMENT SERVICES

We provide maintenance & refurbishment services which includes:

INDOOR AIR QUALITY MANAGEMENT

- Coil Cleaning
- Cleaning of Strainers
- Identification of Hot and Cold spots
- Indoor Air Quality Testing Indoor Air Quality Treating
- Gauging Electrical Systems
- Thermostat calibration



AIR DISTRIBUTION

- Air Filter Cleaning
- Air Filter Inspection
- Annual Inspections
- Duct Cleaning

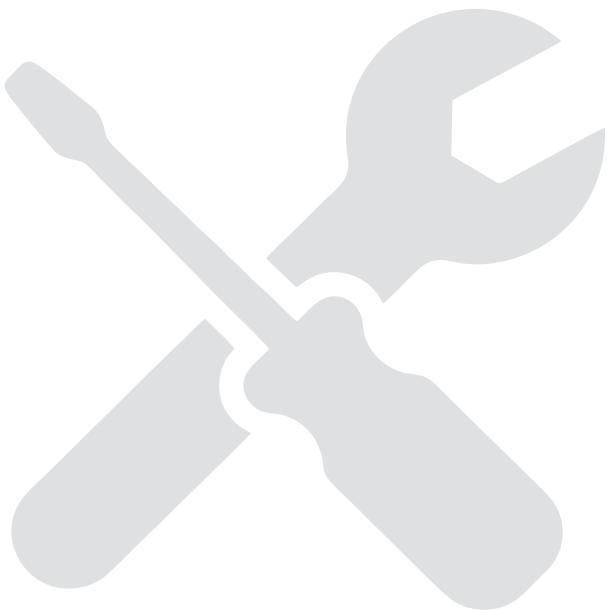


we strive to meet the needs of
every client.

REPAIR SERVICES

We provide excellent repair services which includes:

- Air Balancing
- Air Conditioning
- Repair Air Duct Repair
- Air Duct Sealing
- Air Zoning Expansion of Existing System(s)
- Electric Furnace Repair
- Heat Pump Repair
- Leak Repair
- Modify Existing System(s) to Meet Codes and Regulations
- Heat Exchangers
- Redesigning Existing System(s) to Improve Efficiency
- Fans & Motors
- Other Equipment Repair
- Vent Hoods and Ventilation Repair



OUR REFERENCES

We have out stood in serving small businesses, corporate companies, corporations and Individuals.

We have continued to proof to be one of most trusted, reliable and best company when it comes to solving problems.

Below are some of our references that we have worked with:-

- **Msingi East Africa limited**
Contact person Franklin
- **Rekit benkister**
Contact person Davis
- **Brighter Monday**
Contact person Alex.



WHY CHOOSE US

We have a large and dedicated team of engineers and support staff who are always ready to assist clients by first understanding their needs and requirements.

We consider ourselves as both engineers and contractors, with a determination to deliver functionality and aesthetically pleasing masterpieces in all our client installations. We are all about the details.

Our experience has equipped us with the knowledge and expertise necessary to install systems that are most cost efficient and effective to the benefit of our clients. We are able to effectively manage and control electricity consumption, resulting in cost savings by automating and optimising your air conditioning and control systems.

We are a professional and established company with a dedication to deliver quality workmanship. We always deliver. With Airstream Cooling Systems on board, you can trust that your project will be delivered on time, budget and beyond your expectations.



AIRSTREAM COOLING SYSTEMS

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