



# **SAMKYO INVESTMENTS LIMITED**

Cooling Solutions

## **CATALOGUE**



**GENERAL CONSTRUCTION  
COLD ROOMS/ COLD STORES  
MECHANICAL VENTILATION  
REFRIGERATION  
AIR CONDITIONING**



# COMPANY

# PROFILE

## SAMKYO INVESTMENT

### WHO ARE WE?

SAMKYO INVESTMENT LTD is a registered company in Kenya specializing in; General Construction, Mechanical ventilation, Air conditioning as well as Refrigeration. We build and maintain the roads, Bridges, Culverts and property developments using latest technology as well as equipment.

SAMKYO INVESTMENT LTD Construct prefabricated houses, which are ideal for Schools, Police Stations offices etc. we also construct Hospitals, Halls, swimming pools among others. We notably construct plant chillers, Beer industry milk industry and soft drinks.

### OUR SERVICES

SAMKYO INVESTMENT LTD has over 10 years experience in road construction and maintainance, Culverts, PREFAB and EPS Panels construction. SAMKYO INVESTMENT also install and supply Air refrigeration equipment, installation and supply of refrigeration equipment.

#### WHY SAMKYO INVESTMENT LTD

##### ROADS

Expert personnel and a professional Engineers  
Fit for purpose solutions for any type of client, whether it be government, designer, contractor, (raw materials) supplier  
State-of-the-art knowledge.  
SAMKYO is a forerunner in new developments in road construction. We have participated in the development of several new road

##### REFRIGERATION

SAMKYO has emerged to meet the growing demand for the supply, installation and repair of all refrigerated systems from a simple fridge, Air conditioning units, Refrigerated Automobiles, Vehicle air conditioners, Cold Stores, Air ventilation, Ice banks and all other cooling systems.

##### AIR CONDITIONING

At SAMKYO INVESTMENT, we offer the largest selection of heating and cooling solutions to suit all environments and personal preferences. Including but not limited to Home, Industries or Corporate world

#### TECHNICAL TEAM

Our team comprises of widely experienced technicians who are fully trained & are able to undertake any situation that may arise during the handling of the units in the various departments and also cable of attending emergency calls from our clients without delays.

#### Our Fields of Specialization are:

- Commercial & Industrial Refrigeration cold stores
- Supply of generation air conditioning parts and components
- Designing commercial kitchen for hotels and restaurants.
- Air conditioning installation from small domestic houses/ offices to large commercial sized works.
- Mechanical ventilators installation in kitchens and large multi-stored buildings
- Commercial gas installation in research laboratories
- Servicing of kitchen and catering equipment
- Electrical Works, power generators, installation and repair of electrical.

We design all types of jobs with the client's needs and quality at heart. The costs are negotiated with the customer's needs and affordability. Workmanship, quality and time limits are our top priorities. We cater for the needs of all clients, from those with domestic household equipment to corporate and institutional clients.

# AGENT BRANDS



*Danfoss*

*Bitzer*  
**BITZER**  
I·N·T·E·R·N·A·T·I·O·N·A·L

 **CHIGO**  
AIR-CONDITIONING

  
**GÜNTNER**

 **LG**

  
**UNIWELD**

**Maneurop**<sup>®</sup>  
RECIPROCATING COMPRESSORS

**Copeland**<sup>®</sup>  
brand products



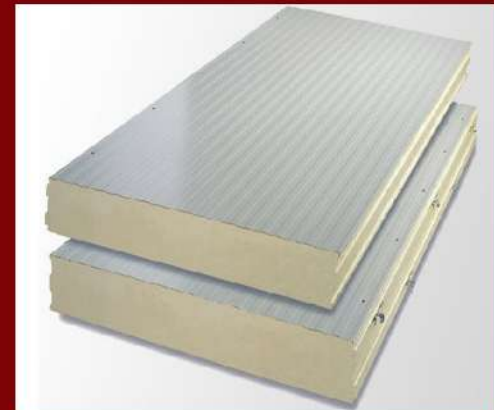


# REFRIGERATION APPLIANCES AND SPARE PARTS

## COPPER PIPES AND FITTINGS



## Installation Materials



## condensate Pump





## Motor and fan



## Service Tools



## Condensing Unit



## Oil Filter







## Valves



TXV



Solenoid Valve



## Capacitor



## Capacitor



## Controller





# SAMKYO PRODUCTS



**Duct Axial Fan**



**wall split AC**



**Mini VRF**



**Mini Chiller**



**air to water heat pump**



**modular 65/130 kw**



**30rb Modular**



**D Series Modular**



**30XQ Screw Chiller**





**water cooled chiller**



**water cooled chiller**



**Rooftop Package  
AC unit**



**AHU air handling unit**



**Cabinet Air Handler**



**Jet Flow AHU**



**Duct FCU Fan Coil Unit**



**Cassette FCU**



**Ceiling and Floor FCU**



**Floor-standing & ceiling  
fan coil unit**



**Coolink Limited  
Fan Coil Units**



**MedicalExpo  
Duct fan coil unit**





# COLD ROOMS

**Samkyo investment has undertaken several projects in constructing cold rooms in various sectors such as in hospitality, hospitals, agriculture sectors and food industry. among many other**



Rooms are defined as; modular structures that are especially designed to preserve uniform temperature within. They are made up of panels with flexible sizes in order to ensure that there is enough space for storage. Cold Rooms are available in multiple dimensions, outfitted with features for optimal temperature management. In actual fact, typical cold rooms have the ability to maintain temperatures ranging from  $-50^{\circ}\text{C}$  to  $+15^{\circ}\text{C}$ .

When it comes to make your mind up to buy walk in cold rooms, always spend money wisely. It must be reliable, energy-efficient and ideal enough to keep your products at perfect temperature and to maintain a high level of hygiene ensuring that products are stored in a controlled environment.

Features of a Typical Cold Room constructed by SAMKYO INVESTMENT include;

- Modular construction that enables quick and easy installation
- Flexible panel sizes
- Optimal temperature management over a wide range
- Have multi functional settings to suit different products
- Cam locking- It ensures that walls, ceilings, doors, corners and floors are perfectly aligned
- Sweep gasket maintains an airtight seal and helps maintain flexibility across temperatures
- Consists of sliding doors
- In some Cold Rooms, there is a view port that allows one to look inside the cold room without the need to open the door



A cold rooms constructed by SAMKYO are essential to several industries, providing an ideal storage solution to preserve different products like foods and medicines. It is also used for both commercial and scientific applications to control the temperature in a specific environment including data centres and laboratories.

The industrial refrigeration systems installed in cold rooms will depend on the requirements and specifications:





# TYPES OF COLDROOM

## Remote Refrigeration Systems

A remote refrigeration system normally comprises a condenser unit, evaporator unit and other various parts such as sight glass, dryer, expansion valve and pump down solenoid thermostat. The evaporator unit is installed inside the walk-in refrigerator/chiller, while the condenser unit is located outside the building or in a plant room to prevent it from generating additional heat inside the building and the cold room.



## Standard Top Mount Refrigeration Systems

Standard top mount refrigeration systems are commonly used in small to medium-sized restaurants and convenience stores. They are designed to maximise storage space within walk-in coolers or freezers. They are also highly optimised to hold low temperature levels, even after long hours.



## Penthouse Refrigeration Systems

A penthouse refrigeration system is ideal for small spaced walk-in refrigeration as it leaves more usable space for storage racks. Its units are placed on the rooftop and not inside the cold room.



## Saddle Mount Refrigeration System

Saddle mount refrigeration systems are hung over the wall before the ceiling installation. These systems are installed on a panel with slots cut on top, allowing the bracket to go through the wall. Installing a saddle mount refrigeration system doesn't require the services of a licensed refrigeration technician.







# MILK COOLERS & TANKERS

**Milk Transfer tanks are specifically insulated stainless steel tanks ensuring safe milk transportation. They guarantee stable temperature for long time periods, are easily installed on vehicles of varying types and allow multiple shipments from different producers. All types of Milk Transfer tankers have a double-AISI304-stainless steel wall with high quality, environmentally friendly, polyurethane foam insulation to keep milk cold during transport (8-12 hours) without the use of cooling units.**

## REFRIGERATED MILK COOLERS AND TANKERS



## BLAST FREEZERS

**There's a piece of equipment that's slowly been making its way into restaurant kitchens: the blast chiller. It does exactly what it sounds like: cool things down quickly using fast-moving cold air. Blast Chiller is appliance designed to store food between +3c and +5c, but the blast chiller is a higher grade and more expensive appliance and is usually only found in commercial kitchens.**







# PREFABRICATED HOUSES

**Prefabricated homes are nothing more than houses that are pre-built in a factory. Instead of being built on-site, the house is built in a controlled environment by highly skilled workers.**

**Unlike in the traditional building process, factory production requires a lot of preparation. When a house has to be made in a factory, details are very important (we'll come to that in a moment).**

**Prefabrication can be done to different degrees, depending on how finished the house has to be when delivered on-site.**

**The two main types of prefabrication "options" are modules and elements (also known as panels).**

**Building with elements gives more architectural flexibility.**

**Building with modules saves considerable time on-site while limiting the size of rooms and the shape of the building.**



**Our modular prefabricated Houses come with economic design practical and fast installation. EPS panels can be used as a substitute to traditional materials in erecting walls, stairwells, floors and roofs is expected to reduce construction periods as well as direct and indirect building costs efficiency and functional usage**

## ADVANTAGES OF PREFAB HOUSES

### **High Speed Construction**

**The house is water resistant & fire retardant**

**Termite proof & has superior handling of adverse weather conditions**

**Fully Integrated Building System**

**Easy Integrated Building system**

**Save time, time and reduced labour requirements**





# PREFABRICATED HOUSE & 3 D EPS PANEL

**EPS is used widely in the building and construction industry. EPS is an inert material that does not rot and provides no nutritional benefits to vermin therefore does not attract pests such as rats or termites. Its strength, durability and lightweight nature makes it a versatile and popular building product. Applications include insulated panel systems for walls, roofs and floors as well as facades for both domestic and commercial buildings. It is also used as a void-forming fill material in civil engineering projects, as a lightweight fill in road and railway construction, and as floatation material in the construction of pontoons and marinas.**

**SAMKYO INVESTMENT manufacturers and suppliers of these EPS Insulated Panels, we engage in using the finest raw materials that are available in the market. For the purpose of maintaining its quality, we abide by the industrial guidelines.**



**Not all styrofoam manufacturers design and make their materials to exceed current standards in the industry. At SAMKYO, your application is at the heart of all we do; infacts, EPS and GPS foam blocks and products from Samkyo investment foam out perform other products being sold today.**

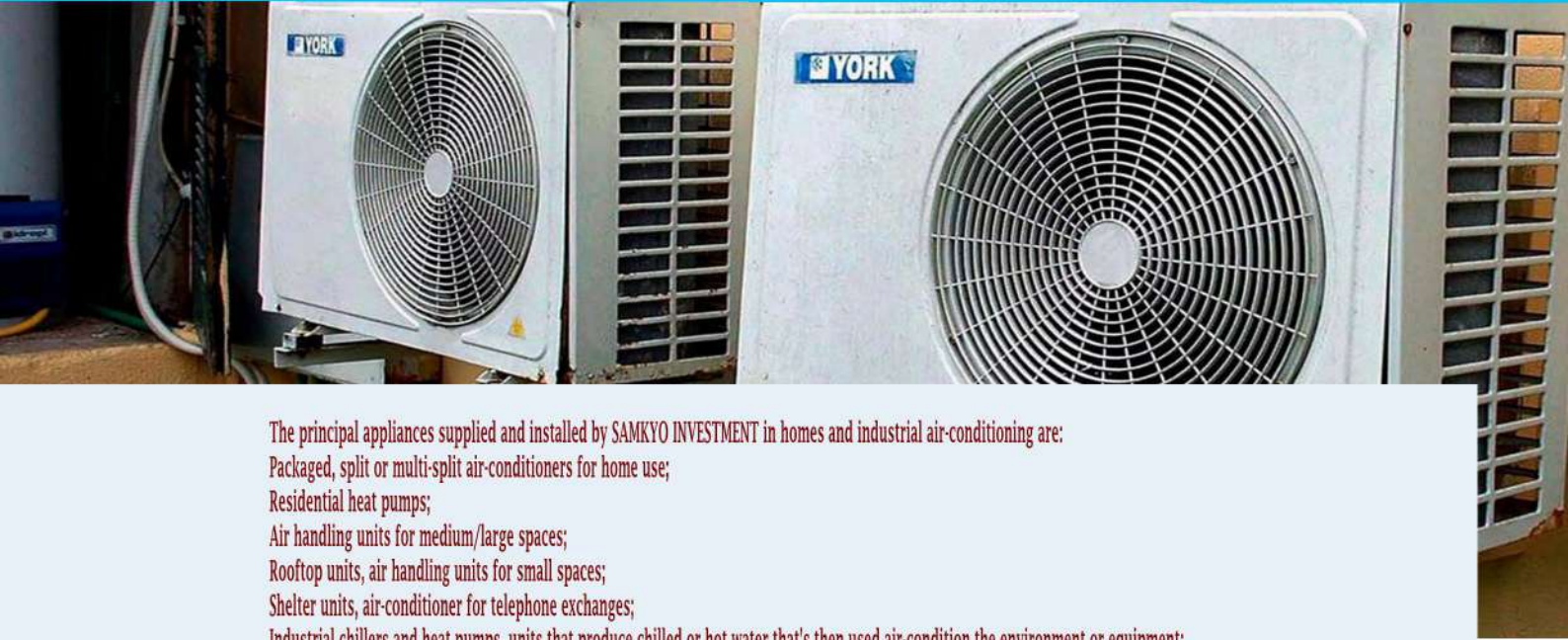


**Considerable quantities of EPS are also used in packaging applications. Its exceptional shock absorbing characteristics make it ideal for the storage and transport of fragile and expensive items such as electronic equipment, wines, chemicals and pharmaceutical products. The outstanding thermal insulation and moisture resistant properties of EPS enables freshness extension of perishable products such as produce and seafood. Moreover, its compression resistance means that EPS is ideal for stackable packaging goods. The majority of EPS packaging manufactured in Australia is used in the transport of fruit, vegetables and seafood. EPS packaging is used extensively for both the domestic and export market.**





# AIR CONDITIONERS



The principal appliances supplied and installed by SAMKYO INVESTMENT in homes and industrial air-conditioning are:  
Packaged, split or multi-split air-conditioners for home use;  
Residential heat pumps;  
Air handling units for medium/large spaces;  
Rooftop units, air handling units for small spaces;  
Shelter units, air-conditioner for telephone exchanges;  
Industrial chillers and heat pumps, units that produce chilled or hot water that's then used air-condition the environment or equipment;  
Close control units, precision cooling units for servers or telecoms equipment;  
Fan coils and hydronic systems, systems using chilled water circuits and terminal units for air-conditioning buildings.

**DUCTLESS, MINI-SPLIT  
AIR CONDITIONER**

**WINDOWS UNIT  
AIR CONDITIONER**



**PORTABLE UNIT  
AIR CONDITIONER**

**AIR DRYER**

**HYBRID AIR  
AIR CONDITIONER**

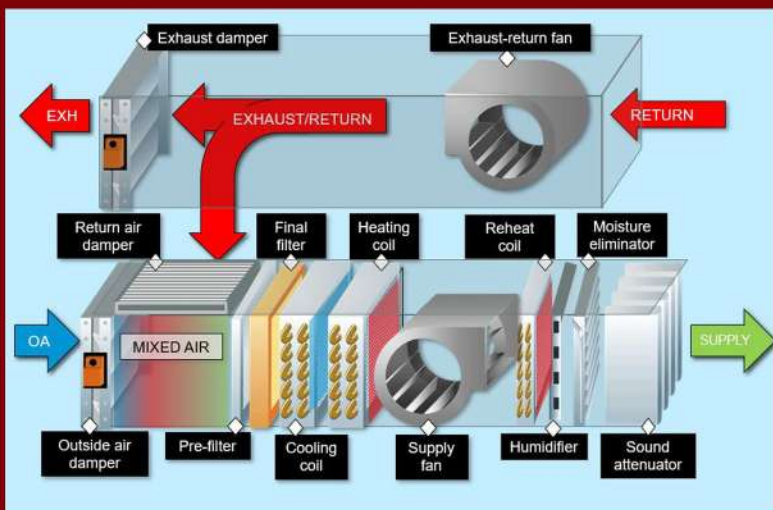
**GEO THERMAL HEATING  
AND COOLING AIR CONDITIONER**



**BTU SPLIT**



## AIR HANDLING SYSTEMS



**SAMKYO INVESTMENT specialist in server room air conditioning installations team will keep your server and computers**

### MECHANICAL WORKS

**Ducts & grills  
Diffusers  
Flexible ducts  
Kitchen hoods  
Ventilation & extractor fans**

## SINGLE PACKAGED AIR CONDITIONING SYSTEM (CHILLERS)

**HVAC air conditioning systems are systems are required in commercial buildings as a means of generating of cooling effects. The purpose is to offset building heat gained through many internal and external loads. Some of these loads for external influence include sun, wind and outdoor temperature heat. Indoor factors include moisture from people, lighting and electrical or mechanical equipment.**



### LABORATORY GAS INSTALLATION

**Installation are carried out using expertise gained over many and varied systems to install fully tested and functioning systems on time at a competitive price. Our Installations are carried out by experienced engineers with knowledge of laboratory instruments as well as gas systems Design & installation enquiry. Some of the key benefits you will realise from Samkyo Investments LTD designed system are:**

- Fewer fittings for reduced cost**
- Correctly sized tubing to achieve maimum purity saving gas and time**
- Design that complies with Codes of Gas Association.**





# DUCT & GRILLS

## DUCTS & GRILLS

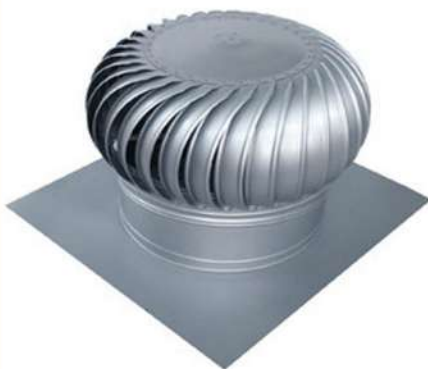
Grill is extremely used for various duct installation works. The vanes of the grill are individually adjustable. The blades in the deflection grills are fixed by wire and best known for their easy adjustment at 0-180 degree of angle

## DUCTS & GRILLS



## VENTILATION & EXTRACTOR FANS

An extractor fan is excellent at helping to help remove moisture and unwanted odours from your home or office. Our extensive range has got you covered with products available in a range of styles and colours to suit all room sizes and locations, the right extractor will help to prevent unwanted steam from lingering







# KITCHEN HOODS

**Samkyo investment are manufacturer of innovative and well-designed kitchen hoods**  
**A professionally-run company that pays attention to technology developments and market needs, the motivation and skills of our staff**



**CUSTOM STAINLESS FABRICATED  
KITCHEN HOOD**



**DUCTLESS WALL MOUNT  
HOOD**



## **GAS WORKS**

**Kitchen gas installation**  
**Laboratory gas installation**  
**Servicing of catering equipment**  
**Commercial and domestic gas installation**

## **KITCHEN GAS INSTALLATION**

**We carry out the installation and Commissioning of kitchen equipment in many of the most successful pub and restaurant chains in the country. All of these are completed to an exceptional standard. Our services are available at any hour of the day or night, as we fully appreciate the challenges and tight schedules of our industry.**



## **COMMERCIAL REFRIGERATION**

**SAMKYO INVESTMENT specializes in Sales, Supply, Installation and Maintenance of Air Conditioners, Commercial Refrigeration Products, Ventilation Systems, Cold Room Compressors, Milk Processing Tanks, Milk Dispensing Machines/ Milk ATM Machines, Chillers Units, General Hardware supplies and services New Air Conditioning units LG, SAMSUNG, DAIKIN etc. We deliver and provide full air conditioning installation Maintenance, Cleaning and air con repairs for a wide range of customers in kenya and East African Region. This also involves installation and maintenance in offices, shops, surgeries, waiting rooms, Pharmacies, Salons, Industries Premisesas well as domestic premises**





# AIR DRIERS AND AIR COMPRESSORS



The CompAir refrigerant dryers are characterised by their energy efficiency which helps to reduce running costs, thanks to their patented heat exchanger technology. High quality heat exchanger with low pressure loss +3C pressure dew point low operating costs. Environmentally friendly R134 and R407C Refrigerants effective condensate separation minimum space requirement due to compact dimensions easy to install, operate and maintain,

## AIR CONDITIONING

Office Split type  
Server room & computer room air conditioners  
Air handling systems  
Multi split systems  
VRV & VR system HVAC



## SERVER ROOM & COMPUTER AC

In order for critical IT equipment to perform at maximum efficiency, managing the environment in which it is stored is crucial. Selecting and maintaining the correct type of air conditioning system ensure that the conditions within your data center or server meet the specific requirements of the sensitive equipment.





# ROAD CONSTRUCTION

**We have a proven expertise and an excellent track record in the roads and bridges sector, working as the main road construction contractors on traditional schemes or as a partner on larger design and construct projects, whether frameworks or Public Private Partnerships.**



**Samkyo Investment build and construct these types of roads**

- 1. Earth Road and Gravel Roads**
- 2. Soil Stabilized Roads**
- 3. Marrum Road**
- 4. Bituminous or black top road**
- 5. Cement Concrete Road etc**



## **SERVICE CENTER AND REPAIR SHOP**

**We also undertake after sales support to our clients by making sure the spares are available and at reasonable prices. Preventive service maintenance is also undertaken. This runs for an agreed duration with the client with a view of safe guarding our products. In the event that you have your in-house technician team, we are glad to provide a wide range of spare parts for your equipment.**

## **ENVIRONMENT**

**In enhancing both safety and comfort, we never forget our responsibility to preserving the global environment. In this respect, we use non-ozone depleting chlorine free refrigerants. This is in line with the environmental fight against greenhouse emission. We only stock and deal with the best quality in spares and fittings for your equipment. With our vast experience, given an opportunity we will provide technical solutions in the above fields and establish a long term customer based business relationship for our mutual benefit.**





**PHYSICAL LOCATION:**

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