



**Abans**  
Engineering (Pvt) Ltd.



Professional  
Service,  
**Personal  
Commitment**



**Abans**

# Company Introduction



## Our Vision

To attract and retain our  
"CUSTOMERS FOR LIFE"

## Our Mission

Adding value to our most precious asset our customers by bestowing a novel range of world class products and services that reflects comfort, convenience and quality.

## Background

Abans Engineering (Pvt) Ltd, a member of the Abans Group of companies, was established in 1994. The company has been in operation for 21 years and is the most experienced and professionally geared in designing, installation and maintenance of MVAC Central Air Conditioning Systems. In addition, the company is also engaged in supplying, installing, testing & commissioning of Elevators, Escalators and Travelators; Security Surveillance products which include sophisticated IP based systems covering multi locations with central monitoring. Abans Engineering has been awarded the ISO 9001 certification for their efforts for upholding quality management with the company.

Central AC Division, provide complete Mechanical, Air Conditioning, Ventilation services from Designing and installation to Maintenance and after sales services. Above 150 qualified, overseas trained and experienced team of engineers and technical staff are geared to provide an efficient and quick service of both applied and unitary air conditioning systems with back up services of fully equipped, ultra-modern workshop, and on call services.

The scope of work undertaken by the company covers a complete Mechanical, Air conditioning service to Air Port Terminals, Apartments, Shopping Malls, High- Rise Buildings, Operation Theatres, Office Complex, Hotels, Restaurants, Film Theatres and Factories, etc.

## Abans Group of Companies

Abans Engineering (Pvt) Ltd is a subsidiary company of Abans Group of companies. Abans Group of Companies, a large diversified entity that is throbbing with energy and dynamism decades on. The group mainly focuses on Retail, Engineering, Agriculture, Logistics, Hospitality, Services and Real Estate with over 25 companies operating within those Strategic business units. The group of companies has grown over the years from a small operation into a mega business empire with 13,500 employees today. Abans Group has 450 retail outlets and 700 group dealers island wide. Financial stability of the group is a great strength and an asset to Abans Engineering as well.



## Company Introduction

### Our Strength

- A dedicated, trained & experienced Engineering Staff.
- ICTAD M1 Registered company
- Customer requirements are met with a committed Sales Team.
- Bonded Warehouse to facilitate Duty Free facility projects.
- Availability of Spare Parts and back-up service from our PRINCIPALS.
- Technical support, updates and training on a continuous basis locally and overseas.
- Financial Capability of Abans Engineering (Pvt) Ltd.
- Subsidiary of Abans Group of Companies.

### Engineering Services & Maintenance

A qualified, overseas trained and experienced team of engineers and technical staff are geared to provide an efficient and quick service of both applied and unitary Air Conditioning Systems with back up services of fully equipped, modern workshop, and on- call services.

Our maintenance division could be contacted 24 hours a day on the Hotlines assigned to our important clients. Our maintenance division has well trained Technical Staff for trouble shooting and service maintenance on Air Conditioning. Services could be arranged on any day including weekends and holidays as per the convenience of your client.

Separate Technical teams has been allocated to service & maintain systems ranging from chillers, VRF, Package & unitary to provide customers with utmost satisfaction levels.



### Workshop Facilities

Dedicated workshop facilities are available in providing our clients with state of the art AC Ducting solutions with world renowned materials.

# MVAC Solutions



Abans Engineering is the sole agent for Trane Chiller range in Sri Lanka. More than half of the large buildings in the world today are conditioned by a Trane chiller which plays a critical role in creating the right environment. Not only do our chillers serve HVAC systems that deliver the right temperature, humidity and ventilation for the space, but they also help minimize operating costs with superior energy efficiency levels, low sound levels and with minimal environmental impact.

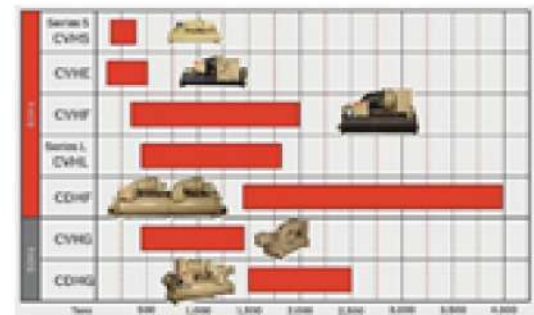
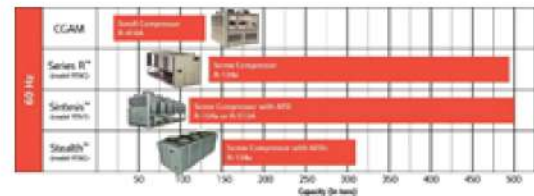
The Trane EarthWise™ CenTraVac™ chiller has received three U.S. Environmental Protection Agency awards, including the Best of the Best Stratospheric Ozone Protection Award in 2007.

Trane product portfolio includes,

## Chiller Systems

The extensive Trane chiller product line has been developed based on decades of knowledge and industry leadership, and includes centrifugal, helical-rotary and scroll compressor chillers, ranging in capacities from 20 to 4,000 tons. Trane chillers are relied upon for both comfort and process applications in every corner of the world.

- Water Cooled Chillers
- Air Cooled Chillers
- Compressor Chillers



## Air Handling Units (AHU)

Trane have been manufacturing air handling units throughout the world for the past 40 years. This proven worldwide experience enables provide world class air handling units to suit customer requirements.

Trane combines comprehensive performance certifications with thorough laboratory testing and manufacturing methods. Together, these elements help assure that each Quantum Climate Changer operates predictably and reliably throughout the life of the unit.

Features and Benefits include;

- Ultra Low Leak Construction
- High Efficiency Performance
- Excellent Condensate Management
- Environmental Friendly Materials
- Optimized Coils
- Suitable for Retrofit, Renovation and Replacement

## Fan Coil Units (FCU)

Trane's new Chilled Water Fan Coils move you to new heights of cooling comfort, with luxurious design, state of the art technology and long life durability. Fan Coil Units with optional digital wired control or LCD wireless control, is easily to use and allows precise room temperature control. With advanced manufacturing techniques, Trane's new AquaStylus Chilled Water Fan Coil is the perfect product for your new lifestyle.

Trane FCU's provide the customers with Full Capacity and Energy Savings, Washable Filter, Low Maintenance, 2-directional Air Discharge Effective Air Discharge, Low Operating Noise and Power Failure Recovery saves settings during a power failure and restarts the system automatically when power resumes.

Different FCU types include;

- Cassette Type
- Convertible Type
- Ceiling Concealed
- Wall Mounted Type

## Products & Services



Mitsubishi Electric is leading VRF solution provider in Sri Lanka and has awarded Abans Engineering with a sole agency to operate in Sri Lanka. Mitsubishi Electric is a world leader in air conditioning systems for residential, commercial and industrial use. Their engineers has developed amazingly sophisticated yet durable units and systems capable of constant use under virtually any natural climatic condition on earth. Each product is an amazing feat in its own, delivering years of quiet operation, energy-efficient performance and minimum impact on the environment.

The technologies that combine to make up a Mitsubishi Electric air conditioner are developed with the same goal in mind: to provide maxi-

mum comfort for the user over the lifespan of the product while protecting the environment from the drawing board to the recycling center. When combined with our 50 years of experience and the MEQ philosophy, this single-mindedness of purpose has resulted in a series of impressive industry-firsts.

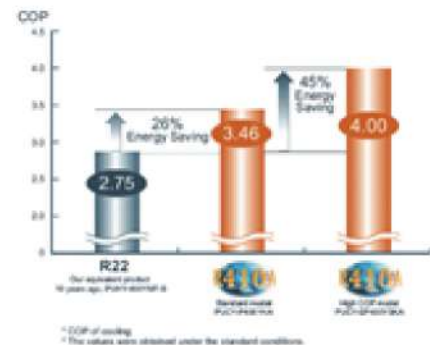
Regardless of building and room size, or the season, Mitsubishi Electric systems offer the flexibility and freedom to ensure a best-fit solution for any cooling and heating need. The Air Conditioning solutions include, VRF solutions, Package cooled systems as well as unitary solutions. Mitsubishi Electric VRF solutions is one of the most sort after solutions in Sri Lanka.

## City Multi VRF solutions

Mitsubishi Electric sets the boundaries of VRF technology with the CITY MULTI range, which is available using R410A refrigerant with zero ODP (Ozone Depletion Potential).

The range has been specifically designed for today's building requirements and addresses key market issues such as energy efficiency, adaptability and reliability.

With user friendly control systems utilizing internet technology and integrated cooling and ventilation indoor units, CITY MULTI is the benchmark and market leader in VRF technology.



## Commercial Package Air Conditioners

### Advanced Energy Saving Performance

Utilizing the latest energy-saving technologies with DC inverter technology at the core, a high level of energy-saving performance is achieved. Combining the many energy-saving technologies, an "Energy Rank A" rating for both cooling and heating has been achieved.

### Silent Control

Fan speed during cooling operation is automatically reduced when the outdoor temperature drops, resulting in quiet, low-noise operation. Operating noise is reduced by 3dB, to half of the audible sound.



## Products & Services



For more than 30 years, MESAN Group has engaged in designing, manufacturing and servicing cooling towers, and is supplying air-conditioning to the industrial, refrigeration and HVAC markets. Headquartered in Hong Kong with offices and factory in Mainland China as well as distribution network across the globe. Abans Engineering is the agent for their product range in Sri Lanka and has been able to become a leader in the Air Cooling Tower segment.

MESAN Cooling Towers Ltd. are designed to meet the thermal performance, energy saving, environmental friendliness with best performing, proven and innovative solutions. In order to meet the demand and requirement of our customers, Mesan Group has integrated the resources and established one of the largest & finest factory and the world's Advanced multi-functional test laboratory-Dongguan Mesan Fiberglass Engineering Ltd. in 2002, which is a wholly owned subsidiary of Mesan Group, Hong Kong. The factory is located in Dongguan, China with the total area of 60,000 square meters and the annual production of 400,000 water tonnage (600,000RT) cooling towers.

With the growth of our business and the technical development with the leading cooling towers specialist from Germany and Australia, Mesan has more than 14 China National Patents and other Invention Patents. MESAN is accredited to the ISO 9001-2000 quality control system and CTI certification.



## Outdoor P3ductal

Abans Engineering is the agent for the P3 ductal in Sri Lanka and has been using P3 ductal solutions in many MVAC solutions. P3ductal manufacture all the accessories, machines and tools needed for the construction and installation of our ducts in Italy with a production capacity of more than 7 millions square metres of panels per year.

The success of an industrial company originates from research and development. They have always placed, at the centre of our way of managing our enterprise, the technical development of the solutions offered to the market. One of the greatest strengths of P3 lies in the constant search for the highest quality of its own products by means of a continual commitment to the careful study of new and better solutions.

Many quality assurance certifications have endorsed their efforts in maintaining high quality standards. The ISO 14001:2004 certificate, OHSAS 18001 certificate and the ISO 50001: 2011 is some of the quality certifications that has been awarded to P3 Ductal.

We at Abans Engineering are using these products of highest quality to provide our clients with ultra-modern, high quality and energy saving solutions.



# Clientele

## High Profile Projects

- Bandaranaike International Airport  
Colombo Katunayake
- Parliament of Sri Lanka
- Nelum Pokuna Rangahala, Colombo 07
- Shangri-La Hotel

## Government Sector

- Sri Lanka Navy
- Sri Lanka Army
- Ceylon Electricity Board
- Central Bank
- Ministry of Health
- Sri Lanka Air Force

## Hospitality Sector

- Colombo Hilton Hotel Echelon Square  
Lotus Road, Colombo 01
- Browns Beach Hotel, Negombo
- Amaya Hills Hotel, Kandy
- Blue Water Hotel, Wadduwa
- Neptune Hotel, Beruwala
- John Keells Holdings Ltd, Colombo 02
- Sinhawa Resort, Tangalle
- Solis Hotel
- Ananthaya Hotels

## Manufacturing Sector

- Lanka Milk Foods (CWE) Ltd, Welisara, Ragama
- Bodyline actory, Horana
- Mas Holdings (Pvt) Ltd
- ISIN Lanka (Pvt) Ltd, Andiambalama
- Perfetti Van Melle Lanka (Pvt) Ltd, Seeduwa
- Colombo Dockyard
- Ceylon Glass Company
- Glaxo Smithkline Ceylon Limited
- Brandix Intimate Apperal

## Telecommunication Sector

- Hutch Telecommunication
- Sri Lanka Telecom

## Healthcare Sector

- Sri Jayawardenapura Hospital, Kotte.
- Hemas Hospital, Waatala
- Vavuniya General Hospital
- Kaluthara General Hospital
- Hambanthota General Hospital

## Finance Sector

- LB Finance PLC, Colombo 3
- National Savings Bank
- Peoples Bank
- Hatton National Bank
- Mercantile Investments & Finance PLC
- Bank Of Ceylon
- Axis Bank

## Retail Sector

- Nolimit, Kegalle
- Prasad Textiles, Piliyandala
- Saratha's Textiles
- House Of Fashions Mega Mall, Colombo 08
- K Zone, Wattala
- Arpico Super Centers

## Education Sector

- SAIM, Malambe
- IPM, Narahenpita
- SAEGIS Campus, Nugegoda
- Northshore College, Mattakkuliya

## Property Development Sector

- Twin Tower Building, World Trade Center,  
Colombo 01
- Premier Pacific international (Pvt) Ltd,  
Colombo 4
- The Sovereign Hotel Apartment, Rajagiriya
- Empire City Residencies, Colombo 02
- Havelock City, Colombo 05



WTC



Arcade Independence



Lanka Hospitals



7Th Sense



Shangri-La



Galadari Hotel



House of Fashion

## Abans Engineering (Pvt) Ltd

128, Airport Road, Rathmalana.

Tel : 0094 11 4216012, 11 7218081, 11 2605068

Fax : 0094 11 4216015, 11 2622537

E mail : [cacmarketing@abansgroup.com](mailto:cacmarketing@abansgroup.com)

Web : [www.abansengineering.lk](http://www.abansengineering.lk)

