



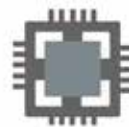
Maintenance | Engineering | Technology



Maintenance



Engineering



Technology

www.technotechdudai.com

Company Profile

We would like to introduce our company as one of the leading organization that caters to the needs of the:



The success of TECHNO TECH Group is attributed to the capability of maintaining strong business relationship with the customers by offering high quality products and services.

The varied services we are providing in engineering, contracting and technological sectors to clients is an added advantage for them to getting different services at one point .

Before beginning any job, we always visit the site for a consultation. The combination of the customer's requirements and our knowledge of the available products allow us to tailor a home that is best suited for the individual's tastes, needs and expectations

Our Mission



- To deliver high quality, cost effective projects on schedule by employing & supporting motivated, flexible and focused teams.
 - To ensure the longevity of our company through repeat and referral business achieved by customers satisfaction in all areas including timeless, attention to detail and service-minded attitudes.
 - To maintain the highest levels of professionalism, integrity, honesty and fairness in our relationships with our suppliers, subcontractors, professional associates and customers.
 - To provide our employees with an honest and helpful working environment, where every employee individually and collectively, can dedicate themselves to providing our customers with exceptional workmanship, extraordinary service, and professional integrity
-

Our Activities

ENGINEERING

SOLAR HEATING DIVISION

- ◆ Solar and Thermal Systems
 - ▶ Solar water Heaters
 - ▶ Heat Pumps
 - ▶ Calorifiers
- ◆ Swimming Pools
 - ▶ Swimming pools
 - ▶ Water Features
 - ▶ Jacuzzi
 - ▶ Steam and Sauna

WATER TECHNOLOGY DIVISION

- ◆ Pumping Solutions
 - ▶ Building Services
 - ▶ Residential & Commercial
 - ▶ Irrigation & Agriculture
 - ▶ Industrial & Infrastructure
 - ▶ Waste Water
 - ▶ Dewatering
 - ▶ Groundwater Supply

Maintenance

Air Conditioning

Water Pump Repairing

Electric Motor Rewinds

Plumbing & Electrical

OUR PRODUCTS : (DOMESTIC & INDUSTRIAL)

- ▶ Solar water heaters
- ▶ Water tank cooling systems
- ▶ Hot water heat pumps
- ▶ Heat exchangers heating & cooling

Roof water tank Cooling Systems
Domestic / Industrial



Hot Water Heat Pumps
Domestic / Industrial



Solar Water Heaters Solutions
Residential / Domestic



Heat Exchangers
Domestic / Industrial



Solar Water Heaters Solutions
Commercial / Industrial



Solar Systems

HAIROS THERMO HF

Indirect Thermo siphon Solar System For Sanitary Water Heating

- Reduced Heating Time
- Self supporting Frame For Flat Roof Simplify Installation
- Indirect Exchange To Avoid Freezing Risk
- Fast And Easy Installation

Comfort

- ▶ Reduced Time To Reach Comfort Temperature
- ▶ Limited Risk Of Over Heating
- ▶ Efficient Stratification System

Flexibility

- ▶ Wide Range To Cover Different Domestic hot Water Needs
- ▶ Fast Connector On Hydraulic Pipes
- ▶ Easy Installation-By Self supporting-Frame For On roof And Flat Roof Installation

Extra Features

- ▶ Structural Strength Of Cylinder And Collector
- ▶ Possibility To Integrate Solar By Electrical Resistance Inside Cylinder

Range

- ▶ 150lt, 1 collector, on roof and flat roof
- ▶ 200lt, 1 or 2 collectors, on roof and flat roof
- ▶ 300 lt, 2 collectors, on roof and flat roof



Solar Thermal

CF 2.0

Solar Hot Water Heating

Benefits

- Aperture area 1.82 m^2
- Absorber area 1.74 m^2
- Frame : grey rockwool aluminium
- Insulation : 50 mm anodised
- Special solar glass high transparency, tempered, anti reflective and reflective and prismatic
- Low mounting profile
- Absorber plate : high grade copper with
- TINOX titanium coating

XP 2.5 HORIZONTAL

Solar Hot Water Heating

Ariston offers all components needed for a solar thermal system giving a complete solar package from a single source

Benefits

- Total surface area 2.5 m^2
- Aperture area 2.25 m^2
- EN12975 approved
- Frame : Grey anodised aluminium
- Insulation : 50mm rockwool
- Low mounting profile
- Integrated solar probe pocket
- Rapid connection
- Special solar glass high transparency, tempered, anti reflective and prismatic
- Low mounting profile

XP 2.5 VERTICAL

Solar Hot Water Heating

Benefits

- Total surface area 2.5 m^2
- Aperture area 2.25 m^2
- Rapid connection
- EN12975 approved
- Frame : grey anodised aluminium
- Insulation : 50mm rockwool
- Integrated solar probe pocket
- Low mounting profile
- Absorber plate: high grade copper with tinnox titanium coating
- Special solar glass high transparency, tempered, anti reflective and prismatic



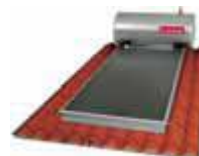
Guiding to making a choice

Suitable for 2-3
people
average consumption
100 litres

Solar kit 150/1 TR CN
on the ground (TOP or BASE)



Solar kit 150/1 TR CN
on the rooftop (TOP or BASE)

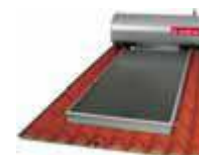


Suitable for 2-3
people
average consumption
150 litres

Solar kit 200/1 TR CN
on the ground (TOP or BASE)



Solar kit 200/1 TR CN
on the rooftop (TOP or) BASE

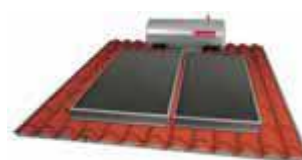


Suitable for 3-4
people
average consumption
150 litres

Solar kit 200/2 TR CN
on the ground (TOP or BASE)



Solar kit 200/2 TR CN
on the rooftop (TOP or) BASE



Suitable for 4-5
people
average consumption
200 litres

Solar kit 300/3 TR CN
on the ground (TOP or BASE)



Solar kit 300/2 TR CN
on the rooftop (TOP or) BASE

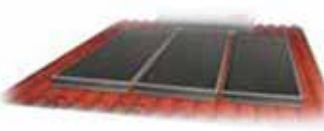


Suitable for 5-6
people
average consumption
250 litres

Hit solare 300/3 TR CN
a terra (TOP or BASE)



Solar kit 300/3 TR CN
on the rooftop (TOP or BASE)



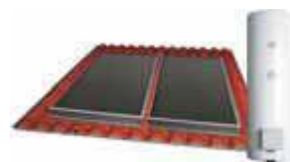
Guiding to making a choice

Suitable for 3-4
people
average consumption
150 litres

Solar kit 200/2 TR CF1
on the ground (TOP or BASE)



Solar kit 200/2 TT CF1
on the rooftop (TOP or BASE)

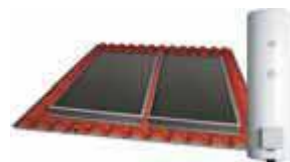


Suitable for 3-4
people
average consumption
150 litres

Solar kit 200/2 TR CF2
on the ground (TOP or BASE)



Solar kit 200/2 TT CF2
on the rooftop (TOP or BASE)

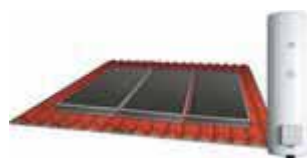


Suitable for 5-6
people
average consumption
250 litres

Solar kit 300/3 TR CF1
on the ground (TOP or BASE)



Solar kit 300/3 TT CF1
on the rooftop (TOP or BASE)

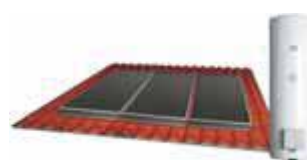


Suitable for 5-6
people
average consumption
250 litres

Solar kit 300/3 TR CF2
on the ground (TOP or BASE)



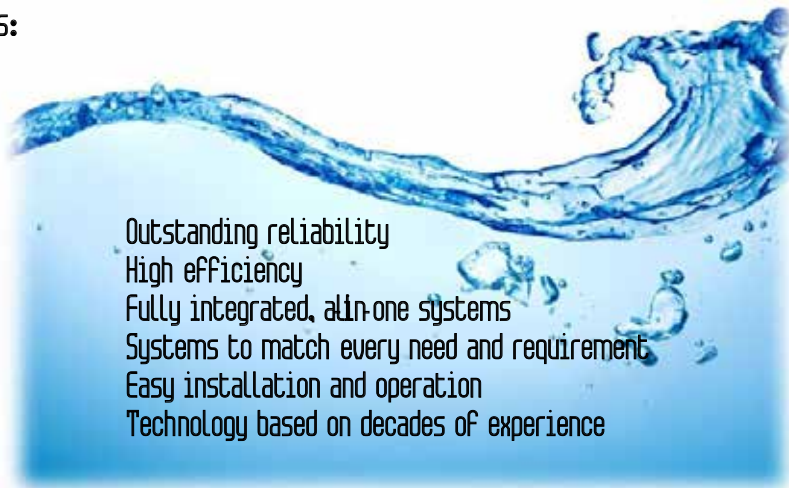
Solar kit 300/3 TT CF2
on the rooftop (TOP or BASE)



WATER TECHNOLOGY SYSTEMS

Our system controllers can handle even the most difficult applications with ease and accuracy, simply because they are manufactured to the highest quality standards in the industry.

Systems Features:



Our water Technology System uses some of the world's leading brands -each, accepted globally, and among customers for reliability and efficiency .Further, our systems are tailor made for project conditions and the endresult incomplete control, optimum flexibility of system output and unbeatable efficiency at all times .



WATER SUPPLY

Designed to meet the demands of water supply systems and pressure boosting -in multi storey buildings -which can vary significantly during a day - our system handles these situations easily, even when the equipment faces extraordinary demand .Optimum comfort for the user is always maintained, as a steady supply of water at all levels and at all times is available, easily .

Be it in residential buildings or in industrial applications, Fast Solutions Water Technology System is capable of maintaining pre-set constant pressure or required water/temperature levels .This capability prevents undesirable fluctuations and keeps energy consumption at the lowest level possible while reducing wear and tear on pipes and valves .

INNOVATIVE TECHNOLOGY

Pump Technology For Superior Efficiency

At the heart of every Fast Forward Water Technology System is an engineering experience that takes the efficiency and reliability of pumps to the highest level .

Substantial Savings on Energy

As our system offers higher pump efficiency, energy is saved for every single run .. When pumps are in operation for several hours everyday, such improvements provide substantial annual savings on energy costs

Fast and Easy Maintenance

While our various systems incorporate many features that make maintenance work easy and fast, the overall design of the entire system itself makes it easy to install



Product Range

THE WIDE PRODUCT RANGE INCLUDES :



- Transfer PumpSet
- Booster PumpSet
- Drainage PumpSet
- Sewage PumpSet
- Sump PumpSet
- Control Panels
- HotWater Circulating PumpSet
- Pressurization Units
- Plumbing Materials
- Cooling-Heating Systems

COMPANY'S BRAND PORTFOLIO

- Grundfos
- Lowara
- Ebara
- Espa
- Armstrong
- Flygt
- ABS
- Davey
- SPP
- Kirloskar
- Pentair





Air Conditioning

Air Conditioning System Installation, service & Repair

Specializing in residential and commercial air conditioner replacement, service & repair, TECHNO TECH Air Conditioning is dedicated to keeping clients in Alsip cool. No job is too big or small, and we deliver 100% customer satisfaction on every project.

Air Conditioning System Installation

We offer a wide selection of air conditioner models at affordable prices to meet your AC installation needs. We offer free estimates on new equipment.

Why Work With Us

When you work with TECHNO TECH Air Conditioning, our trained service technicians will sit down with you to discuss your needs and help you find the best air conditioning system for your budget. We pride ourselves on working hard to ensure not only affordability, but quality and complete customer satisfaction as well. So whether you need air conditioner installation for a single unit or an entire office building our highly trained and experienced contractors will provide the speedy high - quality service you can depend on.

Air Conditioning repair

No matter how old your system is, we'll do our best to repair it in a quick and cost-effective fashion. Equipment breakdowns can be extremely stressful, especially if they occur during the warmer months. It's essential that your AC unit be repaired as quickly as possible. A trained HVAC technician will be able to pinpoint system issues and recommend a repair strategy. Remember that scheduling regular air conditioning service will limit future repair calls.

Here to Help

At TECHNO TECH we'll work to keep your air conditioner or cooling system running at full capacity. No job is too big or small, and we strive for 100% customer satisfaction on every project. So whether you need air conditioner repair work for a single unit or an entire office building our highly trained and experienced contractors will provide the speedy high - quality service you can depend on.



Why Choose TECHNO TECH Air Conditioning



- ▶ 24 Hour Emergency service
- ▶ 100 % Comfort Guarantee
- ▶ Over 5 Years Experience
- ▶ Free Estimates on New
- ▶ Installation & Replacement Equipment
- ▶ Trained and Certified NATE Technicians
- ▶ Prompt Professional service
- ▶ Licensed , Bonded & Insured
- ▶ Priority Service & Savings with our Maintenance Plans
- ▶ Wide selection of Parts & Equipment

Air Conditioning Service

Air Conditioning is essential part of modern life. So if you're having trouble with your system or are in the market for a new installation , call the professional technicians at Amber Heating and Air Conditioning in Alsip. Our experts understand how important air conditioning is, and respond with prompt professionalism to each and every job.

Giving You Options

At TECHNO TECH Air Conditioning, we offer a range of services, including new system installation , preventative maintenance, and ductwork repairs. When you call us , you can count on:



Courteous and knowledgeable professionals
The latest in diagnostic and repair techniques
Last-minute service calls and efficient installations
Resonable prices and clear invoices



We are professionals that stick to our word.

So don't suffer through the swelter of summer or the worry that your system just isn't working as well as it used to.

Motor Rewinds

Electric Motor Rewinds

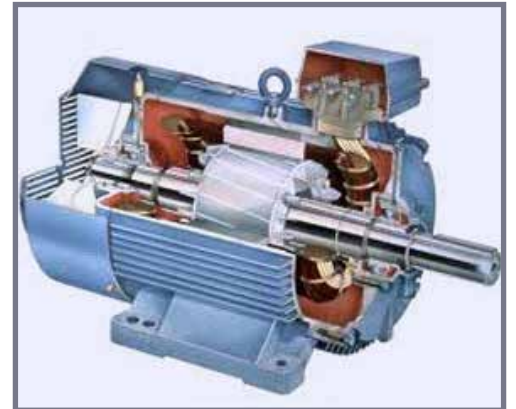
Electric motors are amongst the highest reliability incident reports for many companies. This leads to a continual cycle of costly repairs, inconsistent quality and unplanned downtime factors that can hurt your bottom line

Many times, it is more economical to repair or rewind than to replace your motors and generators. We will inspect and advise you as to what is your most cost effective option. All repairs and rewinds are delivered back to you in better than new condition backed by our repairs. This means we go further than most standard rewind companies, not only so we repair and refurbish your motor but also provide root cause failure analysis on why it has failed. We consistently provide repairs and refurbishments that are better than new motors.



Specifications of scope of work

- Disassembly of motor in workshop.
- Cleaning of all components with high-pressure water cleaner.
- Collection of winding data.
- Immersion of motor in chemical tank to soften the varnish.
- Removal of burnt stator/ rotor coils.
- Cleaning and anti-rust treatment of stator /rotor.
- Insulation of stator/rotor coil slots using class H nomex paper.
- Insertion of new coils into stator/rotor slots
- Immersion of completed stator/rotor into class H varnish until all cavities between coils and lamination are filled with varnish.
- Oven baking in an electrical controlled oven with gradual and controlled temperature rise up to minimum 120 degrees centigrade for a duration of 6 to 8 hours.
- Remove excess varnish from stator/rotor laminations.
- Dynamic balancing machine to balance rotating elements for quiet vibration free operation.
- Refitting of new bearing and assembly of motor.
- Standard no load testing.
- Spray painting.



Electrical & Plumbing

Plumbing Problems ?

Plumbing problems always occur at the most inconvenient times, with daily use and environmental factors, one of the most frequently damaged parts of a house is its plumbing. Water can be extremely damaging to any structure. Luckily, most blockage problems are fairly easy to detect. However, leakage in pipes can be a serious problem. By seeing into the foundation of a house the water will seriously weaken its structure. If this problem goes undedicated for a long period of time, the affected area could develop Fungi due to excess moisture. This can become a huge health risk.

Electrical Problems?

Electrical Problems are highly unpredictable and can occur at any time. Situation may arise where an electrical appliance suddenly stop working, a plug socket starts to malfunction or your light fixtures and dimmers fail. electricity can be extremely dangerous and many problems can occur when a layman attempts to fix the appliances themselves. This is why trained, licensed and insured professionals are an important part of the process to safeguard against any electrical failure or short within the wing. The good news is that an electrician knows what to do in any type of electrical failure situation. If you suspect that there is a problem with any of your electrical appliances don't try to diagnose and fix it yourself, contact us. leave the professional tasks to the experts and you can relax knowing that your home is in good hands.

TECHNO TECH offers a fully comprehensive inspection of your electrical system to determine its condition, bringing to light to any pressing safety issues. As an electrical fault can occur at any time we provide full re-wiring, installation and re-fit on all of your electrical appliances. We will advise on the best consumer unit to install and then carryout the electrical work quickly, safely and efficiently. This will allow you to plan both preventative maintenance and address any pressing safety issues or electrical faults. If an appliance suddenly stops working it may be due to faulty electrical wiring or a blown fuse, which will cause the appliance to constantly "trip". A blown fuse can severely damage the electrical circuit and must be replaced immediatly. This is when a circuit breaker, one of the most important safety mechanisms in your home, comes in to play. It is an automatically operated electrical switch designed to protect an electrical circuit from damage caused by a blown Fuse. For your safety alone it is imperative that both the fuse and the circuit breaker are fully functioning



Assuring you of
our service at all times!

Contact us!

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