

QUALITY PRODUCTS FROM GLOBAL BRANDS

TTE PRODUCTS & SOLUTIONS (BR. OF TTE ENGINEERING L.L.C)



GLOBAL BRAND PARTNERS



ROTHENBERGER

FUJI









MUTRADE[®] MUTRADE INDUSTRIAL CORP.





mckinley



TLS TOTAL LIFTING SOLUTIONS

Haier



Elevation Technologies



Refron

Hisense













Honeywell













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01. INTRODUCTION TO TTE PRODUCTS & SOLUTIONS

TTE Products & Solutions specializes in the supply and distribution of a wide range of HVAC and Refrigeration products and accessories, Variable Frequency Drives (VFDs), Pumps, Advanced Metering Solutions, Copper Coils, PI Ducts, Compressors, and more. Additionally, the company operates an Elevators and Escalators vertical, collaborating with global brands to provide engineering, supply, installation, and maintenance services.

Prominent projects include their involvement in the world's largest Dubai Waste-to-Energy project, where the team played a crucial role in the Design, Supply, Testing & Commissioning of VRF Units, DX Units, FAHUs, and Package Units. Other noteworthy projects include the Greenfield Liquid Terminal, Wild Wadi, Address Downtown Hotel Dubai, GEMS Academy, Elevator installations at Peru Pavilion, Sharjah Sustainable City, Car Stackers at Mercedes Benz showroom, and numerous others.

> From multi-storeyed commercial and residential buildings, hospitals, hotels, shopping malls, banks, universities, schools to fuel stations, district cooling plants, electric substations and server rooms, TTE's sustainable engineering solutions have ensured maximum efficiency and cost effectiveness with a low carbon footprint.

TTE's team of qualified engineers and technical experts are fully trained and stay updated with internationally accepted industry standards, at every step of project execution.













At TTE Products and Solutions, we focus on core engineering and customization to provide the most feasible and optimum solutions to our clients/end users. We have a team of well-experienced engineers to take care of the design and selection aspects for the following verticals-

HVAC: We propose complete solutions with VRF and DX system (Toshiba, Hitachi and Hisense), Copper coils and fittings (Cambridge Lee and Etihad) Pipe Support and Hangers, Vibration Isolators (TAV SSS and Tembo) and Adhesives and Coatings (Bostik).

Refrigeration: We design cold rooms and offer solutions for service industries, hypermarkets, and logistics centers with our brands like Dorin, Alfa Luve and HC.

Metering: We represent ultrasonic metering solutions for Water and LPG segments with brands like Diehl Metering and Flonidan.

Variable Frequency Drives: We are solution providers to HVAC, Water and wastewater segments, DCP's, Desalinations plants, Oil and Gas, Industrial segments with Danfoss VLT, VACON and iC series.

Elevators: We have a team of engineers to design, customize, and refurbish elevators and offer car lifts, stackers, and more, The brands we offer are Fuji, EP, IMEM, Ecospace, Metatrone and Mutrade etc.

Pumps: We provide pumps and motors for residential, commercial, and industrial use from leading brands like Grundfoss, Saer, Homa and LEO.

Our after-sales services include field visits, installation support, and commissioning to ensure seamless operation. Additionally, our TTE Facilities Management division offers AMCs to support your engineering needs.



At TTE, we source the most powerful Air Conditioning technology in the world and deliver it to our clients. Our partnerships with the biggest and best names in the AC industry mean we offer the perfect range of cooling technology- Hitachi & Toshiba VRF solutions with Rotary & scroll compressor, Hisense DX, where we can integrate our unit with major AHU manufacturers. We underpin this with best-in-class customer service, support and technical teams. We're constantly innovating to bring the latest advancements in cooling technology to the UAE, KSA, and Africa.





CHILLERS/AHUS/FAHUS/ FCUS/ERVS



RAC UNITS



We at TTE, are committed in contributing to the region's food safety and security through delivering innovative, energy efficient & environment friendly commercial and industrial Refrigeration Equipment & Solutions. We do Engineering & Supply of Refrigeration products required for the entire cold chain, from farm to fork.



CONDENSING UNITS



DANFOSS OPTYMA



DORIN AIR COOLED



DORIN AIR COOLED DOUBLE STAGE



DORIN WATER COOLED



HC TECUMSEH



HC DORIN RACK



EVAPORATORS, AIR COOLERS & CONDENSERS







ALFA LU-VE OPTIGO CUBIC ALFA LU-VE OPTIGO SLIM ALFA LU-VE OPTIGO DUAL



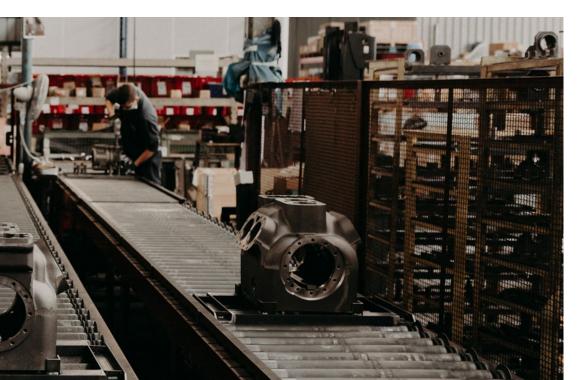
ALFA LU-VE BLAST FREEZERS



ALFA LU-VE CONDENSERS



HEAT EXCHANGERS





TTE, a leading UAE elevator supplier, offers a comprehensive range: passenger, cargo, home lifts, escalators, moving walks, wheelchair lifts, car turntables and car park stackers and more. We specialize in custom-built elevators and partner with top global brands. Our services cover design, supply, installation, commissioning for new builds, and maintenance/modernization for existing ones.



PASSENGER ELEVATORS



ESCALATORS & MOVING WALKS



INDUSTRIAL SOLUTIONS



DUMBWAITERS



CAR LIFTS



MAINTENANCE & MODERNIZATION



OUR KEY STRENGTHS

- A variety of products aimed at meeting the transportation requirements of all kinds of buildings.
- Lifts with luxury, comfort and ease of operation, suited for indoor and outdoor
- Conforming to European standards, our elevators, escalators and services follow stringent quality control.

Danfoss Drives is a global leader in AC/DC and DC/DC power conversion, as well as variable speed control for electric motors. With the world's largest portfolio of power converters, VLT[®] drives, and VACON[®] drives at your fingertips and backing from a partner whose legacy has been built on decades of passion and experience.

ENGINEERING

At Danfoss Drives, you can find electric and energy efficient solutions to help decarbonize any industry. Improve productivity and reduce CO2 footprint in HVAC, water treatment, energy, marine and offshore, mining and minerals, food and beverage, heavy industries, and more.

We're using intelligent, electrified and energy-efficient solutions to help build a better future. Where people can live in sustainable cities without compromising on comfort. Where we can help minimize the impact of a growing global population, urbanization and climate change by enabling our customers to optimize food production and electrified transportation via the power of renewable energy. And as our needs continue to grow, we'll continue pushing ourselves to better serve you while staying at the forefront of sustainable innovation





14 14 14 10 10 10

AQUA DRIVES



AGON

INDUSTRIAL DRIVES



SOFT STARTERS



FILTERS



IC SERIES



SERVICE & SUPPORT

- \rightarrow TTE is an authorized Danfoss Controls Partner.
- \rightarrow Factory certified engineers and technicians.
- \longrightarrow Well-equipped service center with centralized 24/7 toll free system.
- \longrightarrow Ample spare parts maintained in stock to ensure prompt support.
- \rightarrow TTE takes care of AMC, PM of VFD panels to improve the lifetime of systems.



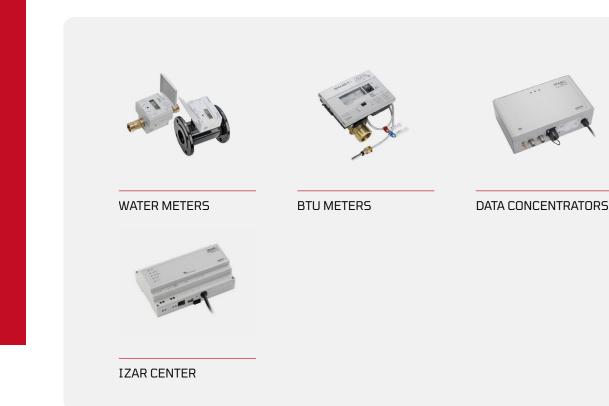
DRIVEPRO® SERVICE PARTNER

As an official DrivePro® Service Partner, we deliver DrivePro® Life Cycle services in the UAE. This enables us to offer our clients access to Danfoss' industry-leading variable speed drives, ensuring optimal efficiency and control for their applications.



SMART WATER METERING SOLUTIONS

Diehl Metering is a worldwide leader in the design, manufacture, and supply of smart metering solutions. With over 150 years of experience, they empower utilities, municipalities, and industries to take control of their infrastructures, bringing greater efficiency, sustainability, and responsibility to the way they manage water and energy. Their ultrasonic water meter is designed for all applications of domestic cold-water supply and in heating/cooling applications enabling accurate measuring with long-term stability under difficult conditions (no measurement of air and insensitive to sedimentation) and for billing purposes respectively.



SMART GAS METERING SOLUTIONS

Flonidan stands out as a frontrunner in the world of cutting-edge ultransonic gas metering solutions. Their focus on innovation allows customers to optimize energy use, cut costs, and promote sustainability. It is intended for energy measurement in residential sites where gas is the energy source. Their bus converter is a low-cost, plug-and-play device for converting data from wireless M-Bus to wired M-Bus. The converter handles a variety of different wireless M-Bus protocols (mode T1/T2 and C1) in the ISM band (868 MHz) and is used for data communication from both for water, heat, cooling, gas, and electricity meters.



INSTRUMENTATION

A broad portfolio of high precision instrumentation is made available setting the standard for pressure, temperature, level, pH, turbidity, water quality measurement making us a reliable partner for utilities, municipalities, and industries for highly efficient and environmentally sustainable solutions.





Ensure optimal air quality, maintain comfortable indoor environments and enhance energy efficiency with our substantial range of high-quality HVAC Controls and accessories. Like a chain is only as strong as its weakest link, any HVACR system's durability is dependent on the reliability of its components. Hence, we deliver the most sought after Danfoss controls and accessories for HVACR applications.



THERMOSTATIC **EXPANSION VALVES**



SOLENOID VALVES & COILS



FILTER DRIERS & STRAINERS



SHUT OFF & DIAPHRAGM VALVES



PRESSURE SWITCHES CHECK VALVES & THERMOSTATS





SIGHT GLASSES





ELECTRIC EXPANSION VALVES



THERMOSTATIC WATER VALVES



ELECTRONIC VALVE CONTROL



SAFETY **RELIEF VALVES**



EVAPORATOR & ROOM CONTROLS



REGULATING VALVES

CONTROL

SENSORS & TRANSMITTERS



TEMPERATURE CONTROLLERS



BRAZED HEAT EXCHANGERS



SAER Elettropompe is a leading Italian manufacturer and supplier of submersible and surface pumps and motors. SAER Elettropompe implements solutions to best meet its customers' needs and requirements, monitoring the evolution of the projects in different fields of application such as Agriculture, Civil, Industrial, Marine, Municipal and Offshore.



MONOBLOCKS ELECTRIC PUMP



LINE PUMP



LONG COUPLED END-SUCTION



SPLIT CASING



SUBMERSIBLE PUMPS & MOTORS



DOMESTIC PUMPS



MULTI-STAGE HORIZONTAL & VERTICAL



LOW VOLTAGE ELECTRIC MOTORS



SWIMMING POOL PUMPS



HOMA is a specialised manufacturer of submersible pumps and systems used mainly in building service and industrial wastewater disposal. The product range includes submersible sewage & drainage pumps, wastewater chopper pumps, submersible mixers, packaged pump stations, propeller pumps and control systems.

TP50 - DRAINAGE WATER & SEWAGE	TP53 - DRAINAGE WATER & SEWAGE	CTP70 - CHEMICALLY AGGRESSIVE DRAINAGE WATER & SEWAGE
K-MA		
MXS - SEWAGE & EFFLUENT	K(X) - SUBMERSIBLE PUMPS FOR SEWAGE & EFFLUENT	CK - STAINLESS STEEL SEWAGE PUMPS
PROPELLER PUMPS	HRS	CHRS



In a short period, TTE has established Etihad as a leading and well-accepted brand in the MENA region competing against some leading multinational brands.

Our range of Copper pipe products comprises superior-quality Copper Pancakes and Rigid Lengths, surpassing the standards and specifications set by these leading global brands.



SOFT ANNEALED COILS



HARD DRAWN STRAIGHT LENGTH PIPES



FITTINGS



COPPER COILS

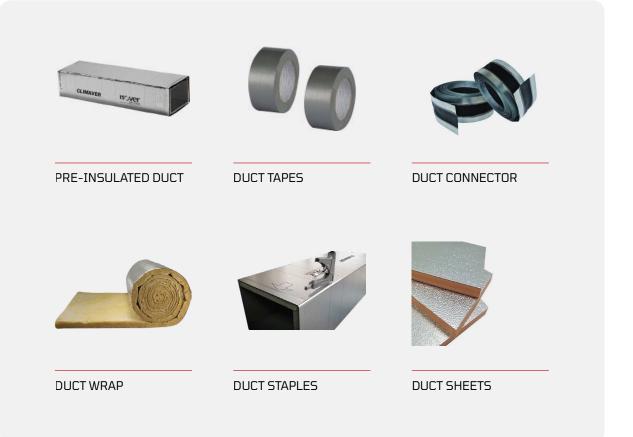
PREMI	UM							
Outside Diameter		Wall Thickness		Length	Weight	Rated Standard Internal Working Pressure (PSI)	Packing	Pallet
inch	mm	inch	mm	mtr	kg/pc	150º - 200º F	pcs/box	pcs
1/4"	6.35	0.030	0.76	15.00	1.813	1195	10	520
5/16	' 7.94	0.032	0.81	15.00	2.464	1017	10	480
3/8"	9.53	0.032	0.81	15.00	3.011	836	10	360
1/2"	12.70	0.032	0.81	15.00	4.110	700	5	240
5/8"	15.88	0.035	0.89	15.00	5.693	700	5	220
3/4"	19.05	0.035	0.89	15.00	6.897	700	3	88
7/8"	22.23	0.045	1.14	15.00	10.255	700	3	36
1-1/8	" 28.58	0.050	1.27	15.00	14.800	700	1	24

	PREMIUM												
PIPES	Outside Diameter		Wall Thickness		Length		Weight	Rated Standard Internal Working Pressure (PSI)		Packing			
	inch	mm	inch	mm	feet	mtr	kg/pc	150ºF	200°F	300°F	400°F	pcs/bundle	
γpΕ	3/8"	9.53	0.030	0.76	19.00	5.80	1.082	1659	1659	1610	1514	25	
HARD DRAWN STRAIGHT LENGTH TYPE	1/2"	12.70	0.035	0.89	19.00	5.80	1.707	1450	1450	1408	1323	25	
NG	5/8"	15.88	0.040	1.02	19.00	5.80	2.462	1325	1325	1287	1209	25	
ШЦ	3/4"	19.05	0.042	1.07	19.00	5.80	3.124	1159	1159	1125	1058	10	
IGH	7/8"	22.23	0.045	1.14	19.00	5.80	3.905	1064	1064	1033	971	10	
TRA	1-1/8"	28.58	0.050	1.27	19.00	5.80	5633	919	919	892	839	5	
S N	1-3/8"	34.93	0.055	1.4	19.00	5.80	7.623	827	827	803	754	5	
RAW	1-5/8"	41.28	0.060	1.52	19.00	5.80	9.815	763	763	741	696	5	
	2-1/8"	53.98	0.070	1.78	19.00	5.80	15.090	680	680	661	574	3	
НАВ	2-5/8"	66.68	0.080	2.03	19.00	5.80	21.313	629	629	661	574	1	
ACR	3-1/8"	79.38	0.090	2.29	19.00	5.80	28.669	595	595	577	543	1	
4	3-5/8"	92.08	0.100	2.54	19.00	5.80	36.935	570	570	553	520	1	
	4-1/8"	104.78	0.110	2.79	19.00	5.80	46.211	551	551	534	502	1	

Note- Shaded area is compliant for 700 PSI systems



Our portfolio includes all components, devices and parts related to ducts and fittings. Our quality products meet the unique requirements of all kinds of projects efficiently.





Precision-manufactured from high-quality materials, our pipe supports provide steadfast stability, while hangers offer secure suspension tailored to your specifications. TEMBO / TAV SSS brand, is leading manufacturer of Pipe Supports & Hanger, specializing in Vibration Control, Seismic Restraint and Acoustics for Electromechanical systems. Our products are Underwriters Laboratories (UL), FM Approval and ISO certified. All our products are manufactured to meet and exceed industry standards set for their design and manufacture.

Engineered to withstand various loads and environments, our products provide solutions for HVAC, Fire-fighting, Oil & Gas, Solar Mounting along with Anti-Vibration Solutions, Fastener and Anchoring etc.



NOISE CONTROL, HANGERS & SUPPORT









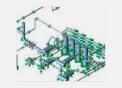
FLEXIBLE CONNECTOR & EXPANSION JOINT

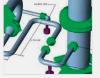






PIPE STRESS ANALYSIS









ROTHENBERGER is a worldwide leader in premium professional tools for installation, maintenance, and AC/Refrigeration technology. Renowned for its quality and design, these tools are widely used across the industry. TTE distributes Rothenberger HVACR tools all across the UAE.



ANALOGUE MANIFOLD TWO-WAY



FILLING HOSE WITH PRESSURE GAUGE

RECOVERY MACHINE



MANIFOLD SET



CHARGING HOSE



MANIFOLD TOOL SET





VACUUM PUMP





RECOVERY UNIT

NITROGEN SET



CHARGING SCALE

LEAK DETECTOR



ROKLIMA® MULTI 4F



ROCADDY 120

DIGITAL MANIFOLD GAUGE



EXPANDER TOOL BOX



ROSCALE 120



HEATING TORCH

BRAZING TORCH



COPPER TUBE EXPANDER



COPPER TUBE CUTTERS





UNIVERSAL INTERNAL & EXTERNAL BENDER DEBURRER



BRAZING ROD & POWDER



COPPER PIPE



ROBEND TUBE BENDER



BRAZING & SOLDERING GAS



MAXI TUBE BENDER SET



PRESSURE TEST PUMPS



FLARING TOOL BOX



FAN MOTORS



CAPACITORS

mckinley Refron Honeywell

TTE distributes a wide range of Refrigerant gases R22, R134a, R404a, R410a which are used in several applications from room air-conditioners, automobile air-conditioners, refrigerators, and chillers, etc.



MCKINLEY R-134A





MCKINLEY R-22



MCKINLEY R-404A



MCKINLEY R-410A



MCKINLEY R-407C



REFRON R-410A



REFRON R-22



HONEYWELL R-410A

HONEYWELL

R-134A



HONEYWELL R-404A



HONEYWELL R-407C



Bostik is a leading global adhesive specialist in industrial manufacturing, construction, and consumer markets. As part of Bostik, the Idenden brand of specialist heating, ventilation and air conditioning products continues to offer a comprehensive range of technologically advanced adhesives, coatings, and sealants.

We contribute to a more sustainable world by offering low-VOC, high-performance products. With accreditation to all recognized quality standards such as UL, EN ISO 9001 and ISO 14001, customers can be assured that Bostik products are fit for purpose and meet or exceed standards set by HVAC and other regulatory organizations.



ADHESIVES



SEALANTS



TAPES



COATINGS



INSULATION

TTE delivers innovative brands to the facilities management companies, kitchen equipment manufacturers and suppliers.



FLY KILLER



🥑 pelsis

INSECT-O-CUTOR

GLUPAC GLUEBOARDS



SYNERGETIC TUBES



FLYTRAP PROFESSIONAL

PROJECT REFERENCES

ELEVATORS



DRIENT TOWERS, AJMAN Passenger & Panoramic Elevator



AL JIMI AVENUE, ABU DHABI Elevators & Escalators



MERCEDES BENZ PREMIERE, **DUBAI** Car Park Stackers & Car Turntable



SPORTS FACILITIES PARKING, DUBAI SPORTS CITY Passenger Elevators



AYA RESIDNECE, **DUBAI** Passenger Elevators



RESIDENTIAL BUILDING, **WADI AL SAFA 5**, **DUBAI** Passenger Elevators

PROJECT REFERENCES

ELEVATORS



ID DESIGN SHOWROOM, **DUBAI** Passenger & Freight Elevator



RESIDENTIAL BUILDING, **RAS AL KHAIMAH** Passenger Elevator



SHARJAH SUSTAINABLE CITY Villa Elevators



EXPO 2020, PERU PAVILION, DUBAI Elevators & Escalators



OSR SHOPPING CENTER & CINEMAS, DUBAI

Elevators & Escalators



AG 7EVEN, DUBAI Passenger Elevators

PROJECT REFERENCES

HVAC & PUMPS



DUBAI WASTE MANAGEMENT Hitachi DX



DUBAI AUTISM CENTER Hitachi VRF



SAADIYAT RESERVE VILLA, ABU DHABI Hitachi DX



PUBLIC SERVICE DEPARTMENT, RAS AL KHAIMAH Dewatering Pump



THE ADDRESS RESIDENCES FUJAIRAH RESORT + SPA

Chill Water Pumps, Booster, Transfer Pumpsets & Recirculation Pumpset



CENTRE OF CURIOSITY ABU DHABI Water Feature Pumps

PUMPS, VFDs AND DUCTS

PROJECT REFERENCES



DISTRICT ONE CRYSTAL LAGOON (MBR AL MAKTOUM CITY), DUBAI

Lagoon Water Pumps



WILD WADI WATERPARK, DUBAI Pumps & VFDs Retrofit



JW MARRIOTT MARQUIS HOTEL, DUBAI VFDs



MERAAS PORT DE LA MER, DUBAI VFDs



SOBHA S TOWER, DUBAI Pre-Insulated Ducts



PIER 8 TOWER, DUBAI Pre-Insulated Ducts

QUALITY POLICY & CERTIFICATIONS



TTE aims to consistently deliver professional and efficient solutions and services. The dedication to provide high-quality products and services necessitates the use of a formal Quality Management Organizational Structure. This ensures that the minimum standards of performance are met to satisfy the needs and expectations of our clients in terms of quality, timeliness, cost-effectiveness, and efficiency.

IMS POLICY

TTE strives to deliver high level customer satisfaction by ensuring Quality, Health, Safety & Environment (QHSE) management in all aspects of activities undertaken.

ISO CERTIFICATION

TTE's ISO certification demonstrates its conformity to the requirements of the latest quality process standards set by the International Organization of Standardization.







تجارب للخدمات الهندسية Abu Dhabi Commercial Engineeri

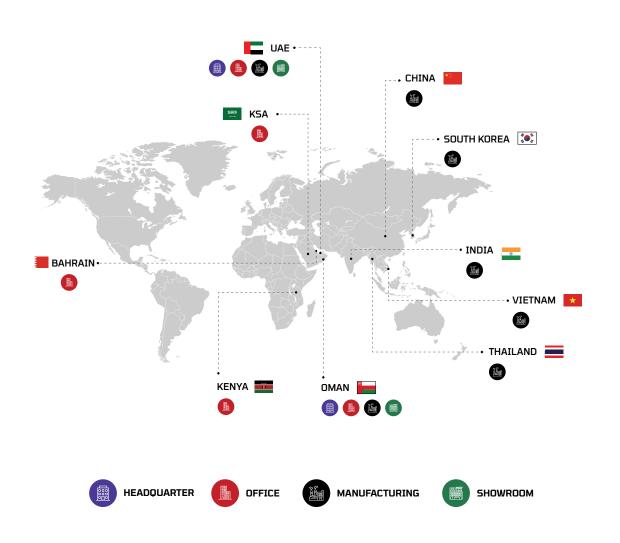


TTE has two top-notch warehousing facilities in the UAE and one in the Riyadh, the Kingdom of Saudi Arabia. These facilities are well equipped and maintained to meet all the storage and distribution requirements of the company and its various business verticals. The working of these facilities is based on efficient and strong infrastructure that ensures the safe and secure storage and management of all our products at all times.

The loading and un-loading docks are equipped with latest technology ensuring quick and easy management of goods and materials. These state-of-the-art facilities have been designed to the nature of our business, and has the capacity to accommodate large to heavy duty goods. All of them, with no exception, follow stringent inventory processes, that helps keep track of all the brands/goods we house and distribute.

We have a team of efficient and dedicated personnel who closely manage the in-flow and out-flow of goods at all times, with assurance to efficiently meet the demand and supply needs of various departments.

TTE is an authorized and exclusive Danfoss Controls partner. TTE Products & Solutions distributes a wide range of Danfoss Controls, VFDs and Automation products in the UAE, Dubai and Northern Emirates. Along with providing access to this exclusive range, TTE also has a Danfoss certified After Sales Service Centre. Located in Jebel Ali, Dubai, the centre houses factory certified engineers and skilled technicians. This is a well-equipped facility that manages AMC, PM and VFD panels, its upkeep and repair works and retrofitting.



HEADQUARTER	DUBAI, UAE	◄					
OFFICE		▼					
UAE - DUBAI, ABU DHABI, FUJAIRAH KSA - RIYADH OMAN - MUSCAT							
KENYA - NAIROBI BAHRAIN - MANAMA							
MANUFACTURING		▼					
VIETNAM THAILAND CHINA INDIA UAE SOUTH KOREA	A						
SHOWROOM	DUBAI, UAE	•					

DUBAI

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KSA

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Products & Solutions Catalog

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