

# TABCO

GENERAL TRADING L.L.C

**YOUR  
TRUSTABLE  
PARTNER**





## TABCO

Tabco one of the leading importers, Re-Exporters and Suppliers of Engineering products for Civil Engineering, Building Construction, Infrastructure, Irrigation, Landscaping, Water Treatment, Marine & Oil Field, Industrail, Hardware & Safety Equipment.

Tabco a startup company based in Dubai-UAE and established in 2024. Our operations are with a professional team of Engineering, Marketing, Sales & Service.

Tabco has tied up with many internationally recognized brands from different countries like UK, US, Balkan Peninsula, Italy, Germany, Austria and the Middle East, which are well known for their reliability and durability.

Tabco has established its name, as one of the most reliable suppliers for more than 5000+ products. Our well established Trading & Engineering division playing a significant role in the development of Gulf & Middle East and North Africa (MENA) region.

## VISION & MISSION

Our main focus is on exploring innovative ideas by taking different initiatives and to be the leader in Engineering Materials industry for all sectors across the Middle East.

# OUR PRODUCTS

1. **ELECTRIC WATER HEATERS**
2. **SOLAR WATER HEATERS**
3. **HOT WATER CALORIFIERS**
4. **HIGH-TEMPERATURE HOT WATER HEAT PUMPS**
5. **SWIMMING POOL HEAT PUMPS**
6. **DOMESTIC WATER COOLING SYSTEM**
7. **GAS BOILERS**
8. **WATER PUMP SET**
9. **PPR PIPES & FITTINGS**
10. **PEX PIPES**
11. **GRP TANKS**
12. **HEATING ELEMENTS**
13. **HEAT EXCHANGERS**

# ELECTRIC WATER HEATERS

Domestic hot water is a basic need, for which every household has a different solution.

An electric water heater offers numerous benefits: the water is only heated when it is needed. This reduces electricity costs without sacrificing convenience, as the water is available immediately. Other benefits of electric water heaters are virtually maintenance-free operation and relatively low acquisition costs.

Last but not least, heating domestic hot water with electricity is extremely convenient, with many different models to choose from. Domestic hot water systems are available in many output stages, sizes and colours. In many cases, the water temperature can be accurately set to the selected degree. The most common electric DHW systems include DHW cylinders.



# SOLAR WATER HEATERS

A solar hot water system uses the sun's energy to heat water. When there isn't enough sunshine to fully heat the water, a gas or electric booster will kick in as a back-up. Solar hot water systems only heat water and don't generate electricity.

Process and Technology Status. Solar heating collect the sun's thermal energy and transfer it into a heat transfer fluid. If the heat transfer fluid is water can be directly used or piped to a storage tank.



# CALORIFIRES

Calorifiers are water heaters used in a heating and hot water system to provide domestic hot water.

The calorifier tank is designed to be connected to an external heat source, such as a gas boiler, an oil boiler, or a renewable energy system such as a heat pump, wood or pellet boiler, or an electric boiler.



 **ARISTON**

 **tmi**  
INDUSTRIE L&D  
INNOVATIVE TANK SOLUTIONS

**AGUAMAN®**



**SS316L, GLASSLINED, EPOXY**

# HEAT PUMPS

Heat pumps are used to move heat from one medium where it's readily available to another medium that can accept it. The medium donating the heat is called the "source," while the one receiving the heat is called the "sink."

They absorb heat from outside air and release that heat into a forced-air distribution system within the building. The heat is moved using a standard vapor-compression refrigeration cycle. Cold liquid refrigerant is evaporated within the outside heat exchanger. The heat-laden refrigerant gas is then piped to the compressor that greatly increases both its pressure and temperature. The hot gas is routed inside to a refrigerant-to-air heat exchanger where it condenses back to a liquid giving up the heat it transported to the building's forced-air distribution system. The final step is to pass the cooled liquid through a thermal expansion valve that lowers its pressure and temperature, readying it for another trip to the outdoor unit.

By reversing the flow of refrigerant, air-source heat pumps can also operate as cooling systems. Heat absorbed from inside air is transported outside and rejected. The ability to function as both a heating and cooling system is without a doubt the biggest attraction of heat pump systems, especially in mid- to lower latitudes where cooling is a necessity.



**TABCO**

**AGUAMAN®**

**O5**

## SWIMMING POOL HP

Swimming pool helps you extend the swimming season so you can enjoy water at the perfect temperature whenever you want. Since a Heat Pump transfers warmth from the air to your pool, it helps you enjoy a heated pool when you want it without a big increase in your energy costs.

During the heating season, heat pumps move heat from the cool outdoors into your warm house. During the cooling season, heat pumps move heat from your house into the outdoors. Because they transfer heat rather than generate heat, heat pumps can efficiently provide comfortable temperatures for your home.



APH013 APH018 APH026 APH040 APH050 APH065  
APH085 APH105 APH125 APH165 APH190



## DOMESTIC WATER COOLING SYSTEM

Domestic Water Cooling Systems are used for Hotels and Villas to maintain water temperature between 20°C - 25°C in summer. This is the most energy saving technology in Middle East.

A storage tank cooling arrangement incorporating a plate heat exchanger in a system which is fully pumped for a more successful and efficient cooling solution.

Water cooling system including a plate heat exchanger for greater balanced all round performance.





# WATER PUMPS

## TRANSFER PUMP

- Duty + standby pumps (assist / jockey pumps as per requirement)
- Control panel – dol, star / delta, bms outputs, plc, vfd, hmi / alarm
- Suction discharge manifolds – (moc) ss304, ss316 / ms / gi / copper
- SS / brass / bronze / ci– valves
- SS / brass – check valves (nrv)

GRUNDFOS

TERAL

LOWARA

DAB  
WATER•TECHNOLOGY

GOULDS  
WATER TECHNOLOGY  
a xylem brand

wilo

DAVEY

## BOOSTER PUMPS

- Duty + standby pumps (assist / jockey pumps as per requirement)
- Control panel – dol, star / delta, bms outputs, plc, vfd, hmi / alarm
- Suction discharge manifolds – (moc) ss304, ss316 / ms / gi / copper
- SS / brass / bronze / ci– valves

All Pumps has a solution to your pressure boosting needs.



## CIRCULATION WATER PUMPS

Circulator pumps (also known as circulation pumps, circulating pumps, recirculating pumps and recirculation pump) circulate fluid in a closed circuit and since the fluid always flows back to the pump, most of the effort is used when it expends pushing water upward. Circulator pumps are commonly used in circulate water in a heating or cooling system.

HOT/COLD water circulators can be used in a range of applications including domestic and commercial buildings to save water and time, cooling & heating of machinery and other processes.

Supplied with suction & discharge isolation and check valves and stainless steel manifolds these systems are a user friendly “complete packaged pump solution”.



## SUBMERSIBLE SUMP PUMPS

SUBMERSIBLE SUMP PUMPS with a choice of single or three phase motors 240 or 415 volt Vortex, Drainage, High Head, Low Head, Cutter, Grinder, Automatic & Manual

- pumping of waste water with soft solids in suspension
- storm water
- grey water pumping
- sewage / septic effluent disposal
- sump emptying
- water transfer
- pumping of light slurries and factory waste



## GAS BOILERS

A central heating system has pipework and radiators which are connected to a boiler. The boiler provides the heat and the pump moves heated water from the boiler through the pipework to the radiators, and back to the boiler for reheating. It also provides hot water to the hot taps in your required places.



 **ARISTON**  **BOSCH**

## PPR PIPES

PPR pipes are widely and equally used for hot and cold water supply systems in residential, commercial, and industrial buildings. They can withstand high temperatures and pressure and can distribute heat evenly which makes them ideal for transporting water in such systems.



PPR pipes are resistant to corrosion which makes them most suitable for hot & cold water usages.



**novatherm®**  
PP-R PIPES & FITTINGS

**Emipipe**

**TABCO**



## PEX PIPES

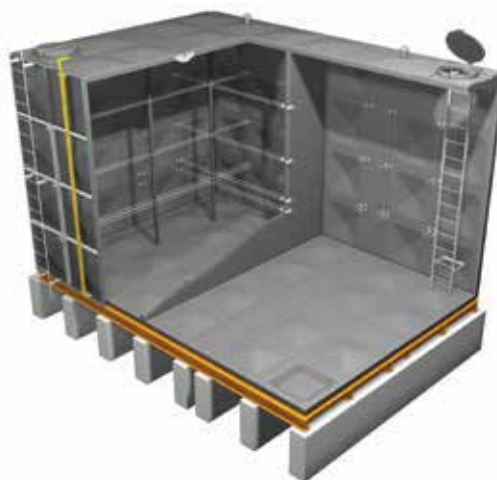
PEX pipe or PEX tubing is made of a cross-linked polyethylene plastic, which is a flexible plastic. Because of the versatility of PEX piping, and the fact that it's flexible and cheap, it's used for plumbing in both residential and commercial buildings. There are three types of PEX piping: A, B, and C. PEX piping comes in four colors: red, blue, white, and gray. Red is traditionally used for hot water. Blue for cold water. White and gray can be used for both hot and cold water.



**fripex** *san*  
Water Technology

## GRP TANKS

GRP Water tanks, or Glass Reinforced Plastic water tanks, are now the leading industry standard water containment unit currently found on the market. Given their lightweight, sturdy yet workable fibreglass design, GRP tanks provide safe storage for water without the risk of corrosion or contamination from bacteria.



— GRP Building Materials Company —  
SUNG IL. **SUNG IL CO., LTD.**

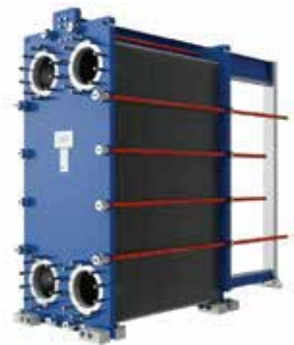
## HEATING ELEMENT

Heating elements find application in a wide range of domestic, commercial, and industrial settings: Home Appliances: Common household appliances such as ovens, toasters, electric stoves, water heaters, and space heaters rely on heating elements to generate the necessary heat for their functions.



## HEAT EXCHANGERS

Heat exchangers are used to transfer heat from one medium to another. These media may be a gas, liquid, or a combination of both. The media may be separated by a solid wall to prevent mixing or may be in direct contact. Heat exchangers are required to provide heating and/or cooling to meet a process requirement.



# OUR PRODUCTS



Office 16, Shaikha Mhara Building, Al Qusais 2, Dubai

M: +971 58 567 2898

[sales@tabco.ae](mailto:sales@tabco.ae) | [info@tabco.ae](mailto:info@tabco.ae)

[www.tabco.ae](http://www.tabco.ae)