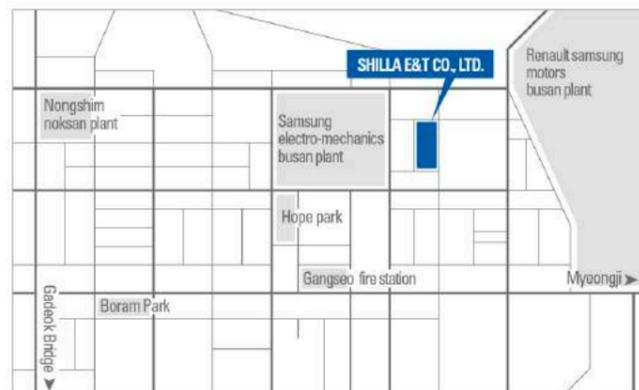




SHILLA E&T

Marine, Industrial, Land

- Water Chiller
- Hybrid Dehumidifier
- Spot Cooler
- Heat Pump
- Air Dryer
- Condensing Unit
- Ice Manufacturing Machine
- Contact Freezer
- Heat Exchanger
- Pressure Vessel
- Air-Conditioner



 **SHILLA E&T CO., LTD.**

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 **SHILLA E&T CO., LTD.**

EQUIPMENT REVOLUTION

Our 21st Century Technology
Taking an aim at World's Best



CEO MESSAGE

We are delighted to the chance to introduce you our company with the great care and producing goods.

We, SHILLA E&T CO., LTD. Company are the specialized company in designing, manufacturing and constructing for the air-handling system and refrigeration system of vessels built in the shipyard (tank lorry vessel, container transportation vessel, the vessel for shipping freight and refrigerating vessel. etc.)

Since established in 1982, we have always put our best efforts to produce the high quality of products, and we have done our best efforts with a sprit of the company to have priority to the client's satisfaction based on the continuous research and development and investment and also thorough realization of the after service.

We hope that you would have chance to consider our company in this opportunity, and also would have chance to call you by telephone for you cordial consideration

Sincerely Yours.

SHILLA E&T CO., LTD.


PRESIDENT

QUALITY MANAGEMENT POLICY

01

Best Service

The Company actively accepting Technology/Quality/Period of Delivery for customer.

02

Quality First

Fraction Defective - Zero system through Proactive quality management system and Continous quality Development

03

Leading Technology

Leading company in Industrial Refrigeration Equipment, Ice Machine, Heat Exchanger Market with advanced technology.

R&D Center



Manufacturing Factory



HISTORY

- Apr. 1982 Established SHILLA REFRIGERANTION CO.
- Mar. 1989 Developed Cool Air Dryer
- Mar. 1999 Developed sea water cooler.
- Apr. 2001 Developed sea water ice-making machinery
- Aug. 2002 Relocated to Noksan National Industrial Complex
- Oct. 2002 Commenced heat exchanger manufacturing
- Feb. 2003 Manufactured Spot Cooler
- Oct. 2003 Manufactured A.H.U for ship
- Feb. 2004 Implemented technology innovation projects of Small and Medium Business Administration (developed tube-type ice-maker using separate ice-making drum)
- Feb. 2004 Acquired ISO 9001
- Nov. 2004 Acquired Class NK certification (Pressure Vessel)
- Apr. 2005 Certified as parts, material enterprise
- Sept.2005 Approved DNV factory (Pressure Vessel Class)
- Jun. 2006 Implemented technology innovation development projects of Small and Medium Business Administration (Development of high performance falling film chiller using SUS embossing cooling plate)
- Sept.2006 Patent registered for tube-type ice-making devices (No. 10-0631794)
- Jun. 2007 Patent registration of hybrid power-saving dehumidifier (No. 10-0733399)
- Jul. 2007 Acquired performance inspections from Korea Institute of Machinery and Materials on hybrid power-saving dehumidifiers
- Oct. 2007 Converted to a corporation - SHILLA E&T CO., LTD.
- Dec. 2007 Acquired an INO-BIZ certification
- Nov. 2011 Patent registered heating equipment using heat pump (No. 10-1090116)
- Feb. 2012 Patent registered low-point, low-temperature humidifier (NO. 10-111773)
- Feb. 2004 Acquired ISO 9001
- Nov. 2004 Approved Class NK (Pressure Vessel)
- Apr. 2005 Approved as an enterprise specialized in component and material
- Sep. 2005 Approved Class DNV (Pressure Vessel Class II)
- Jun. 2007 Registered patent for hybrid power-saving dehumidifier (No. 10-733399)
- Jul. 2007 Completed performance test for hybrid power-saving dehumidifier by KIMM (Korea Institute of Machinery & Materials)
- Oct. 2007 Incorporation of going business as Shilla E&T Co., Ltd.
- Dec. 2007 Acquired INO-BIZ certification by SMBA(Small and Medium Business Administration)
- Jun. 2011 Launched NK/BWT WATER CHILLER
- Apr. 2012 Approved Class GL (Pressure Vessel Class II)
- Jan. 2013 Registered in public procurement service, Participated in bidding
- Jun. 2014 Approved as New & Renewable Energy Facility (Korea Energy Agency)
- Aug. 2014 Acquired approval certificated for manufacturing process by Class KR (Pressure Vessel Class II)
- Mar. 2015 Acquired license for specialty construction (Machinery construction)
- Apr. 2015 Registered specialized enterprise for New & Renewable Energy Facility (N&R Energy Center)
- Jul. 2015 Moved to expanded company (about 2,580m²)
- Sep. 2015 Approved new established technology institute

QUALITY ASSURANCE

Our Company products quality are assuring receiving order, design, purchase, manufacturing, inspection, packing, shipping, installation after sales service. SHILLA E&T's manufacturing and delivering products are required to satisfy various evaluation qualifications of the quality assurance system.



Certificate of ISO 9001 Certificate of ISO 14001 Certificate of CLASS DNV Certificate of CLASS NK Certificate of CLASS KR

Certificate of promising export small & medium business Certificate of enterprise specialized in component and material Certificate of specialized company for New & Renewable Energy Facility Certificate of company-affiliated R&D center Certificate of New & Renewable Energy Facility

Patent No.10-0733399 for Hybrid power-saving dehumidifier Patent for Law dew point and low temperature dehumidifier Patent for Tube-type ice making apparatus Patent for Heating apparatus using heat pump Certificate of Construction Business Registration



REFRIGERATION & AIR CONDITIONING MARKET



PRODUCTS LIST

+ Productions **NEW & RENEWABLE ENERGY**

- GEOTHERMAL SOURCE HEAT PUMP
- SEA WATER SOURCE HEAT PUMP
- WATER SOURCE & HOT WATER HEAT PUMP

+ Productions **Marine, Industrial, Land**

- WATER CHILLER
- AIR DRYER
- CONDENSING UNIT

+ Productions **Marine, Industrial**

- HYBRID POWER-SAVING DEHUMIDIFIER
- SPOT COOLER (FOR ALL SEASONS)
- REFRIGERATION UNIT
- AIR-CONDITIONER(Package Type)
- AIR-CONDITIONER(Deck Unit Type)
- AIR-CONDITIONING UNIT
- COLD AIR DRYER
- CONSTANT TEMPERATURE & HUMIDITY UNIT
- AIR HANDLING UNIT
- COOLING TOWER
- LOW TEMPERATURE COLD AIR DRYER
- ICE MANUFACTURING MACHINE(Flake Type)
- ICE MANUFACTURING MACHINE(Hot-Gas Defrost Type)
- CONTACT FREEZER
- BLASTING FREEZER

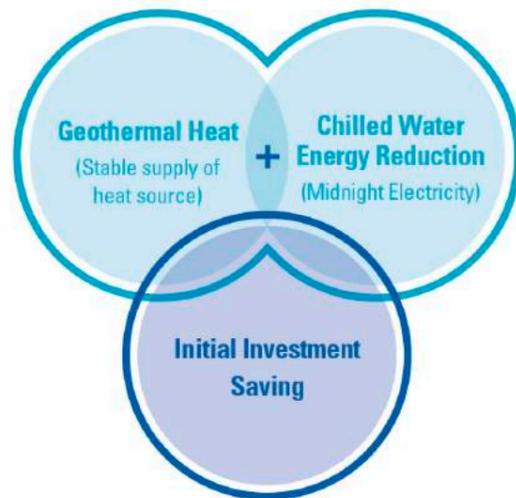
+ Productions **Customer Requirement**

- EMBOSSING PLATE CHILLER
- HEAT EXCHANGER
- PRESSURE VESSEL

NEW & RENEWABLE ENERGY

GEOTHERMAL SOURCE HEAT PUMP

This product is the optimal heating and cooling system using New & Renewable Energy. It uses earth temperature below 150m deep which is remained steady and it forms thermal storage tank with heat pump to be used in heating and cooling.



Having the Nation's Largest Number of Type & Simple Way to Use

Our company is developing and producing the nation's largest number of type of geothermal heat pump and the heat pump with greatest capacity as well as the product certified for New & Renewable Energy Facility. And also, it is an automatic operation type by PLC control and it is easy to use. It has the greatest capacity by loading with Mitsubishi's MS-E Model which is the compressor exclusive for heat pump and it is proud of high performance, high reliability and longest life.



High Efficiency



Reliability



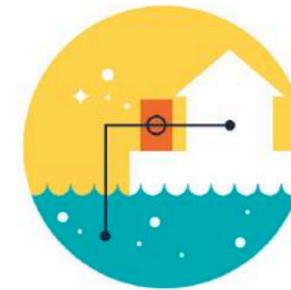
Multi-function



Quite

SEA WATER SOURCE HEAT PUMP

It is optimized for sea water usage environment such as nursery garden, fish farm and etc. It is resistant to corrosion because there is no sea water contact weld zone and it is designed to available in the condition of low sea water temperature(0°C). There is no foreign substance or waste of sea water jam in heat exchanger, and so it can be used semi-permanently.



Available to use 0°C Sea water

Available to maintain a temperature of Nursery garden

WATER SOURCE HEAT PUMP & HOT WATER HEAT PUMP

It is a product that recovers heat source from stream water, waste water, groundwater and etc. and makes hot water for use at hot water supply(process water) and heating. It is available to use Cold water and Hot water at once.



Maximum water output temperature is 95°C

Available to use Cold/Hot Water at once



WATER CHILLER

- Water Cooled Type
- » Cooling Capa. : Max. 2,000kW



AIR DRYER

- Air Cooled, Water Cooled Type
- » Cooling Capa. : 5 ~ 50 CMM



CONDENSING UNIT

- » Freezing Room, Cold Storage
- » Capa. : 2.2 ~ 250kW



HYBRID POWER-SAVING DEHUMIDIFIER

- » Fuction : Blower + Cooling + Dehumidify + Heating
- » Capa. : 4,500 ~ 30,000 CMH



SPOT COOLER (FOR ALL SEASONS)

- » Fuction : Blower + Cooling + Heating
- » Capa. : 2,000 ~ 18,000 CMH



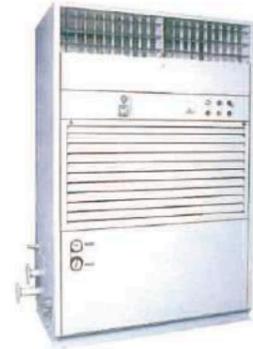
REFRIGERATION UNIT

- » Air Conditioner And Acquired Cooling Capa.
- » Air Conditioner, Keep Food Supplies



AIR-CONDITIONER

- » Package Type Air-Conditioner
- » Capa. : 10 ~ 60kW



AIR-CONDITIONER

- » Deck Unit Type Air-Conditioner
- » Capa. : 10 ~ 60kW



AIR-CONDITIONING UNIT

- » Continuous Cooling System (Specific Location)
- » Capa. : Min. 70kW



COLD AIR DRYER

- » Setting Temperature Range : 18~30°C



CONSTANT TEMPERATURE & HUMIDITY UNIT

- » Water or Air Cooling type
- » Refrigerant : R-22, 134A, 407C, 410A
- » Capa. : 10~70kW



AIR HANDLING UNIT

- » Module type air handling unit
- » capa. : 60~1500 CMM



COOLING TOWER

- » Type : Open, Sealed Type



LOW TEMPERATURE COLD AIR DRYER

- » Constant Humidity, Low Temperature Range : 5~7°C



ICE MANUFACTURING MACHINE

- » Flake Type (Marine)
- » Capa : 1~10 Ton/24hr



ICE MANUFACTURING MACHINE

- » Hot-Gas Defrost Type
- » Ice Thickness (10mm ~ 30mm)Adjustable



CONTACT FREEZER

- » Freezing (Fishery)
- » Capa : 1~3 Ton/Round. (Freezing Time :3hr)



BLASTING FREEZER

- » Container Type
- » Capa : 1~3 Ton/Round. (Freezing Time : 3hr)



+ PRODUCTIONS Customer Requirement



+ EMBOSING PLATE CHILLER

- » Plate Type (Evaporator)
- » Cooling Capa. : 40 ~ 250kW



+ HEAT EXCHANGER

- » Type : Shell And Tube

Application

Fresh Water, Sea Water, Chemical

- » Capa : Customer Requirement Can Be



+ PRESSURE VESSEL

Application

All Kind Of Pressure Vessel

- » Capa : Customer Requirement Can Be

