Pioneering **Solutions in Climate** Engineering

WORLDWIDETRADEX.com

POWERFUL TECHNOLOGY SUPERİOR PERFORMANCE

Maximum efficiency with our state-of-the-art systems.

CONTENTS

The Importance of Climate Engineering in Greenhouse Construction

Climate engineering plays a crucial role in greenhouse construction projects by enabling precise control and optimization of environmental conditions, creating an ideal growth environment for plants. By regulating factors such as temperature, humidity, and CO_2 levels, it promotes optimal plant growth, resulting in higher yields and improved crop quality. Given the increasing challenges posed by climate change, climate engineering is becoming increasingly vital for sustainable and efficient agricultural production in greenhouse construction projects.

Climate engineering becomes even more critical as it provides a stable and controlled environment for plant growth, allowing growers to mitigate the negative impacts of extreme weather events such as heatwaves or cold spells. This flexibility helps safeguard food production and ensures a consistent supply of fresh produce.

Climate engineering in greenhouse construction projects offers opportunities for resource efficiency and sustainability.

Industrial Climate Control Solutions

Our company provides industry-leading, innovative solutions in industrial climate control. With years of experience and a commitment to quality, we offer efficient, safe, and sustainable services. Our customizable products meet the diverse needs of industries such as food processing, pharmaceutical production, warehouse management, greenhouses, and more. We select the best equipment and technologies to ensure energy efficiency and superior performance, guaranteeing that your system meets all requirements.

Key Features:

✅ High Energy Efficiency: Our solutions help your business reduce energy consumption, thereby lowering your carbon footprint.

✅ High Quality and Durability: All our products are designed for long-term use. They are robust, reliable, and supported by a wide range of services to ensure your business consistently performs at its best.

✅ Ease of Use and Maintenance: Our products feature user-friendly interfaces and designs that minimize maintenance requirements, ensuring easy operation and upkeep.

We are here to deliver the experience and quality required in industrial climate control. Contact us to understand and meet your industrial climate control needs. Discover our reliable and innovative solutions to maintain optimal temperature and humidity conditions for your business.

Our Services

Greenhouse Heating Systems

Carbon Dioxide (CO_2) Systems and Buffer Tank

High-Pressure Humidification Systems

Greenhouse Cooling Systems

Lighting Systems

Industrial Heating Systems

Industrial Cooling and Cold Storage

Energy Production System

- Solar Power Plant
- Wind Energy Facility
- Geothermal Energy Facility
- Steam Turbine System
- Hydroelectric Power Plants
- Organic Rankine Cycle (ORC)

THE RIGHT CLIMATE IN EVERY SEASON

GREEN HOUSE : A LEADER IN CLIMATE CONTROL PROJECTS

At Green Climate, we lead the greenhouse industry by embracing and implementing sustainable energy solutions. Our mission is to make the greenhouse industry more eco-friendly, efficient, and sustainable through technological innovations and sustainable practices. We bring extensive experience and expertise in greenhouse heating, cooling, humidification, CO_2 systems, buffer tank production and installation, and industrial climate control solutions.

Additionally, we develop solutions to meet the energy needs of the greenhouse sector by utilizing renewable energy sources. Believing in the necessity of a fully sustainable energy transition, we actively participate in energy production system projects. Through our innovative and sustainable solutions, we aim to enhance energy efficiency and protect the environment in both industrial and greenhouse sectors. At Green Climate, we work every day towards a greener world.
We plan the strategy, layout, logistics, and construction processes of our projects simultaneously. Our core principle is to maximize efficiency and quality while minimizing energy consumption.

With our standard product quality focused on customer satisfaction and our customer-centered projects, we continuously renew our vision and quickly adapt to evolving market conditions. It is our pleasure to serve you.

At GREEN HOUSE , our fundamental principles are honesty, quality, and prioritizing customer satisfaction.

Our Vision

We aim to be a global leader in sustainable air conditioning solutions and to shape the future of the air conditioning sector with enviromental awareness and technological ennovations.

Our Mission

To provide honest, scientific, and efficient services to our customers by offering climate control solutions powered by the latest technologies based on eco-friendly and sustainable energy sources.

Our Values

The successful integration of complex processes and technologies for climate control in your greenhouses and industrial facilities requires a high level of expertise. At Green Climate, we share our extensive knowledge with growers and investors. We understand the critical importance of detailed climate control planning in your projects and are proud to offer professional and personalized advice.

Our greenhouse and industrial climate control technologies cover various areas, including energy efficiency, heating, cooling, humidification, artificial lighting systems, and CO_2 fertilization. Whether you are planning to build a new greenhouse, upgrade the climate control system of an existing one, or meet the climate control needs of an industrial site, Green Climate has the expertise to meet your requirements.

Every greenhouse and industrial facility has unique climate control needs that require diverse solutions. Climatic, social, and economic diversity brings different situations, technical challenges, and solutions within the greenhouse industry. At Green Climate, we recognize that every greenhouse and project is unique, and we customize our services to best meet each client's individual requirements.

Our attention to detail defines the quality of the final product, and we never overlook these details.

1

Innovation

Innovative climate engineering in greenhouse projects transforms environmental control, crop yield, resource efficiency, and sustainability in agriculture.

2

Quality

Climate engineering in greenhouse projects enhances agricultural standards by ensuring optimal environmental control and performance.

3

Integrity

Climate engineering in greenhouse projects promotes honesty, the highest reliability, and ethical behavior standards, building trust and ensuring the highest level of integrity in the industry.

M. Atilla
Founder

Dear Business Partners and Valued Customers,
While operating in the greenhouse climate control sector, we understand that we are not only nurturing plants but also contributing to the growth of the future. At Green Climate, we focus on greenhouse technologies that play a critical role in combating climate change. Since our establishment in 2020, we have been committed to providing high-quality services in heating, CO_2 fertilization, cooling, humidification, and lighting. Although our journey is relatively short, our vision reaches far beyond.
We recognize that industrial climate control is a crucial factor for the full-capacity operation of a building or production line. From ensuring a comfortable working environment in an office building to maintaining precise control over a sensitive production process, the success of climate engineering is vital. Therefore, one of our core missions is to provide you with the highest quality service. Through the climate control systems and solutions we develop, we aim not only to meet your expectations but to exceed them.
However, we are also committed to thinking ahead. As technology and science advance, our climate control systems must evolve and surpass current standards. For this reason, innovation has been and will continue to be one of our company's core values. I assure you that we will always honor your trust and strive to deliver the very best. We are determined to keep up with and lead changes within our industry.
Looking towards the future of energy needs, we are excited to share our interest and expansion plans in the renewable energy sector. Our goal is to provide more sustainable and eco-friendly solutions, and we deeply thank you for your ongoing support and trust in every step we take toward this vision. In the new era, we will continue growing together, embracing innovation, and contributing to a sustainable future.

Sincerely,
M. S Atilla
Founder of GREEN HOUSE

Our Team

As a company that provides sustainable solutions to the agricultural and industrial sectors worldwide, we specialize in climate control for both greenhouses and industrial facilities. Our work focuses on developing resilient solutions to address current and future climate challenges. We are an experienced, knowledgeable, and passionate team that leads the way in sustainable and efficient applications of climate control technologies.

Our company serves a wide range of industries, from agriculture to industrial sectors. Our goal is always to use the latest technologies to protect the environment, enhance energy efficiency, and reduce the carbon footprint of businesses. Our greenhouse and industrial climate control projects combine the latest technology, innovative climate control systems, and eco-friendly practices to create optimal environments. Sustainable practices such as renewable energy, water conservation, and closed-loop nutrient systems are at the heart of our solutions. This approach aims to truly transform agricultural and industrial environments in a sustainable way.

Our commitment to collaboration is at the core of all our projects. We tailor our solutions based on effective communication with our customers, scientists, and local communities to meet their needs. Together, we design solutions that maximize efficiency and minimize environmental impact.

Research and development are the driving forces behind our motivation for continuous progress and innovation. By developing innovative materials, smart automation, and data-driven insights, we push the boundaries of greenhouse and industrial climate control technology. Using the latest technological advancements, we empower our clients to optimize resources, reduce waste, and ultimately produce high-quality products. Every step of the way, we are determined to provide solutions that build a better future for our planet.

Electrical System
Liquid-Fueled Heating System
Solid-Fueled Heating System
Geothermal Heating System
Air-Blown Heating System

The system can optimize its use by producing CO2 in addition to heat. Green HOUSE Technology offers customized systems to balance quality, costs, and returns.

Greenhouse Heating Systems

Greenhouse Heating Systems: Sustainable Agriculture for Efficiency and Innovation

Energy efficiency is crucial in the greenhouse industry, with heating costs accounting for a significant portion of production expenses. Accurately calculating the heating needs of the greenhouse is vital to control these costs. Factors influencing these calculations vary from external temperature and humidity levels to the characteristics of the plants being grown, the greenhouse's geographical location, and the materials used.

In our ongoing pursuit of optimal efficiency, we leverage advanced technologies and methodologies. Additionally, we carefully select high-quality materials that provide superior insulation and longevity to ensure sustainability and efficiency. The design of our projects is tailored to meet the unique requirements of each greenhouse, optimizing light and heat retention while providing the best conditions for crop growth.

Our dedicated professional implementation team ensures that the designs and materials are applied to your greenhouses, allowing every component to work in harmony to achieve the highest levels of efficiency. This strategic approach significantly reduces energy consumption and operating costs, delivering unparalleled performance in greenhouse operations.

Our greenhouse heating systems go beyond just providing temperature; they create a carefully calibrated environment that minimizes costs and energy usage while promoting growth and productivity. With our innovative solutions and expert team, we make it possible to enhance success every season.

Buffer Tank
Condenser
CO_2 Fan
Nitrogen Generator
CO_2 Distribution System
CO_2 Detector

The buffer tank is selected to facilitate the boiler's CO_2 production, tailored to meet the specific requirements of the greenhouse.

Carbon Dioxide Systems & Buffer Tank

Customized Systems

Green Climate is a leading company in greenhouse CO_2 systems and handles the production and installation of buffer tanks. Plants require CO_2, absorbed through the stomata in their leaves, for photosynthesis. Higher CO_2 concentrations accelerate absorption and photosynthesis. Plants are unable to photosynthesize and cease growth when CO_2 levels drop below 150 ppm. CO_2 is obtained from flue gas produced by the combustion of natural gas. Greenhouse sensors, automation, and the dosage system determine the required CO_2 amount for fertilization.

The system can optimize its use by producing CO_2 in addition to heat. Green Climate offers specially designed systems to balance quality, costs, and returns.

The Buffer Tank system effectively manages heating and CO_2 in greenhouse environments, reducing costs and energy consumption.

It can be installed either horizontally or vertically. The Buffer Tank stores CO_2 from the boiler or CHP (Combined Heat and Power) system. Proper CO_2 management is vital to maximize the impact of lighting and maintain the correct greenhouse concentration.

> Innovative greenhouse projects embrace the power of humidification systems, using their capabilities to transform temperature control, humidity regulation, and plant protection expertise into a symphony through precise orchestration.

The fogging system provides an excellent solution to meet your cooling and humidification needs during seasonal changes.

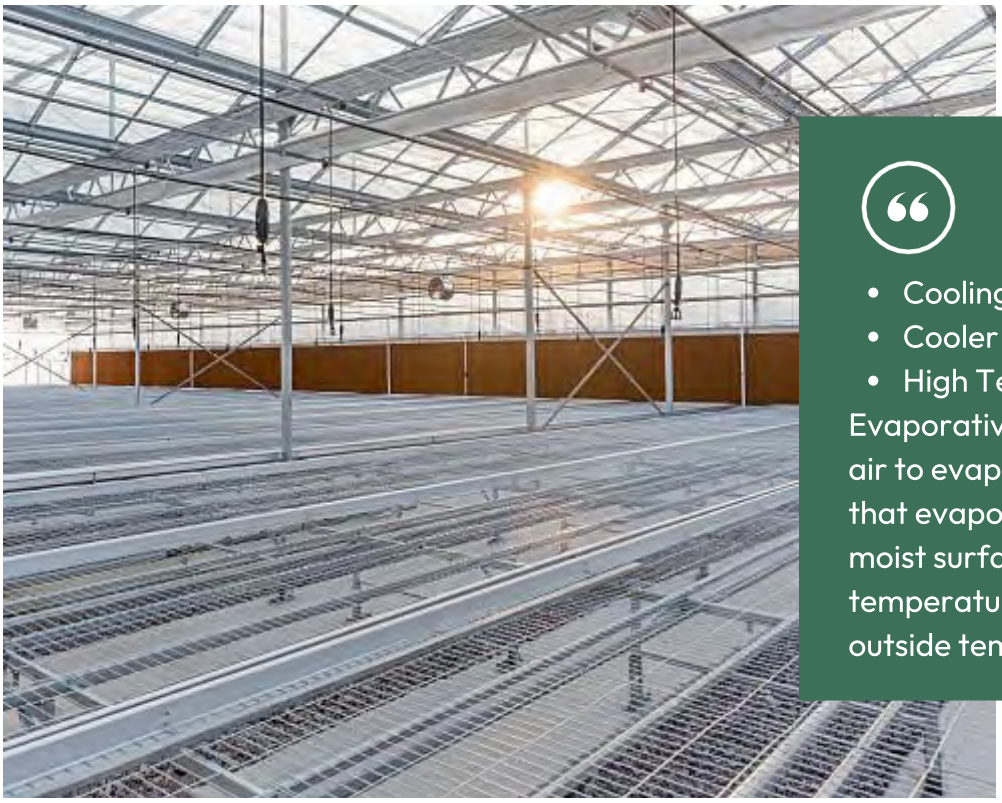
High-Pressure Humidification System

Fogging System

The fogging system is an effective solution for maintaining optimal temperature levels in the greenhouse without harming the plants. It is specifically designed to regulate the balance between heat and humidity. This system operates fully automatically and consists of high-pressure pumps (70-100 bar) and stainless steel pipes sourced from Italy for high-pressure humidification. By using the fogging system, it achieves the desired humidity levels for the plants and provides adiabatic cooling in areas with low humidity, effectively cooling the greenhouse during the summer months.

The fogging system operates without damaging plant leaves, thus preserving plant health. With its durable design, consisting of high-pressure pumps and stainless steel pipes, it ensures ideal climate conditions in greenhouses throughout the year. It is particularly effective during the hot summer months, providing the necessary cool and humid environment that supports plant growth and productivity.

An important advantage of this system is its ability to reduce energy costs in greenhouses. Compared to traditional cooling methods, the fogging system consumes less energy, offering an eco-friendly solution. By maintaining plant health and reducing operational costs, it plays a significant role in modern greenhouse climate control technologies.



- Cooling Pad
- Cooler
- High Temperature

Evaporative cooling utilizes the heat in the air to evaporate water. The water vapor that evaporates from the plants and other moist surfaces helps keep the greenhouse temperature 10 to 20°C lower than the outside temperature.

The greenhouse cooling systems offered by Green Climate are designed to be long-lasting, durable, low-operating-cost, and energy-efficient.

Greenhouse Cooling Systems

Evaporative cooling uses the heat in the air to evaporate water.

Humidity is a critical growth factor with both direct and indirect effects on production and cultural quality. A high-pressure humidification system (also known as a fogging system) is used to maintain relative humidity and cool the air. The fogging system provides significant cooling effects, with temperature reductions of more than 8 degrees possible compared to areas without cooling, depending on the external air temperature. The system can also be used to maintain a constant temperature in the expansion chamber.

The operating pressure of high-pressure fogging systems ranges from 70 to 120 bar, and this high pressure creates an extremely fine mist. The homogeneous microscopic fog is so fine that it evaporates quickly and does not accumulate on the plants.

Evaporative cooling uses the heat in the air to evaporate water from plants and other moist surfaces, keeping the greenhouse temperature 10 to 20°C lower than the outside temperature. The "Pad and Fan" system works as follows: a fan is placed on one side of the greenhouse, and a pad wall is placed on the other side.

This system not only increases energy efficiency in greenhouses but also preserves plant health. Thanks to its innovative design, it provides optimal growing conditions while reducing energy costs. Additionally, by reducing plant stress, it enhances product quality and yield. The use of these systems contributes to better control of the climate conditions within the greenhouse, leading to a more stable and predictable production process.

> The successful integration of various processes and technologies within the greenhouse requires significant expertise. Green Climate offers growers the opportunity to leverage this expertise to their advantage.

Lighting systems include various lamps used to initiate the photosynthesis process in plants.

Lighting Systems

LED lighting is increasingly preferred in greenhouse farming.

Artificial light has become an integral part of modern greenhouse farming. There are several key reasons for choosing artificial light systems. Since consumers now demand high-quality products year-round, the most common practice is to plant throughout the year. Choosing an artificial lighting system is relatively easy because a system that supports growth throughout the year will quickly pay for itself.

The artificial lighting system serves two primary functions: providing light for growth and development. Growth (through photosynthesis) requires light, and light is essential for plant growth (shape and blooming).

In different cultivation areas, artificial light plays a critical role in extending or influencing the daylight cycle. In greenhouses, LED lighting is increasingly preferred for its efficiency and effectiveness.

This choice is a sustainable and effective option that increases yield by balancing specific climate effects and accelerating certain planting processes.

With LED lighting, growers can adjust the light spectrum to select the most suitable light for each plant. This makes LED lighting an attractive alternative, offering significant advantages with lower operating costs.

Additionally, the long lifespan and low energy consumption of LED lighting contribute to more sustainable agricultural practices by reducing environmental impact. The flexibility of LED lights allows optimization for different plant species and growth stages, ensuring ideal growing conditions for each type of plant.

> Industrial heating systems play a vital role in all projects by providing precise and controlled heat distribution, optimizing environmental conditions.

Steam, Hot Oil, Hot Water, Hot Air, Radiant Heating

Development of Industrial Heating Systems

Increasing Efficiency: The Importance of Industrial Heating Systems

With the advancement of technology, businesses now have a variety of heating system options to choose from based on their specific needs. Industrial businesses can operate in a wide range of areas, from large exhibition halls to small café warehouses. The selection of industrial heating systems is influenced by factors such as the size of the space, its height, and the items being stored.

These systems are not limited to industrial facilities; they can also be applied in various other settings such as fairs, mosques, factories, sports complexes, cafés, cinemas, theaters, and amphitheaters. When implementing industrial heating systems, it is crucial to consider the facility's architecture, insulation, production requirements, and other relevant factors.

Modern industrial heating systems are energy-efficient and environmentally friendly, making them ideal for businesses focused on sustainability. By providing precise temperature control, they ensure comfort and consistency across various environments.

Smart technologies enable businesses to adjust settings in real-time and optimize energy usage, facilitating automation and remote monitoring. This enhances operational efficiency while creating a safe and comfortable atmosphere.

> Cooling systems include air conditioning, floor and wall cooling, cold room and cold storage installations, central cooling systems, fan coil cooling, and VRV (Variable Refrigerant Volume) cooling. These systems can be configured using water or gas and can be specially designed to suit various types of spaces.

Ice Protection: A cold storage solution that enhances freshness and ensures long-lasting preservation.

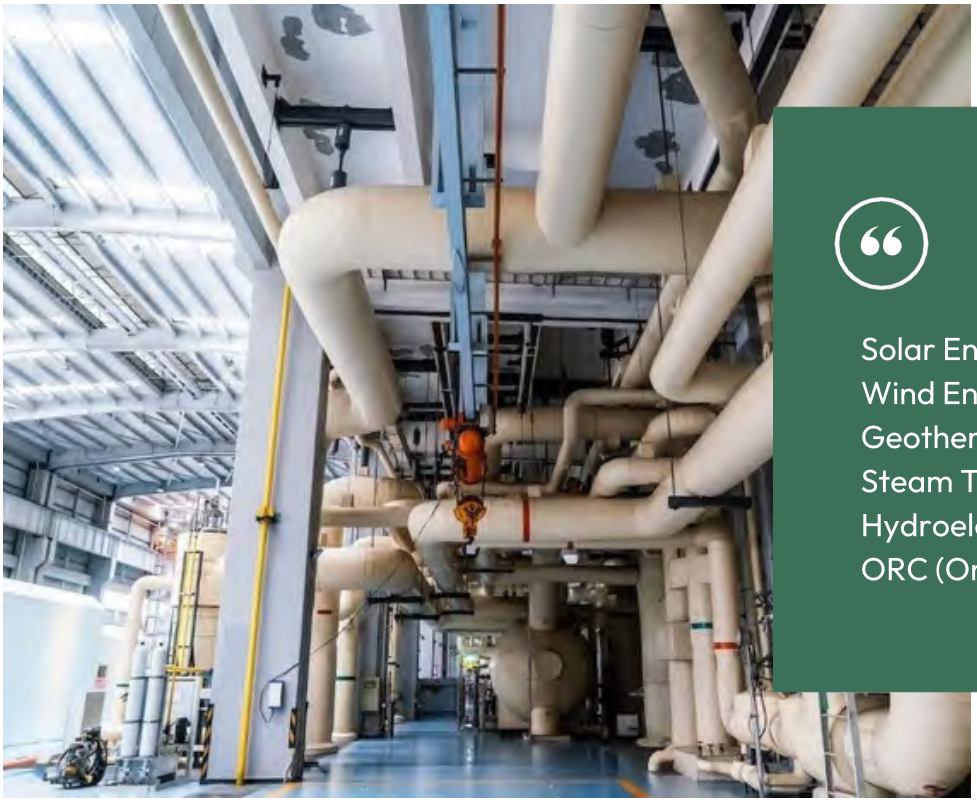
Industrial Cooling & Cold Storage

Frost Keep: Cold Storage Excellence that Enhances Freshness

Our industrial cooling systems provide reliable and effective cooling while significantly reducing your business's energy costs, thanks to our advanced technology and energy-efficient designs. We prioritize offering a cooling solution tailored to your needs to enhance your business’s efficiency and profitability.

With years of experience, a team of expert technicians, a customer-focused approach, and sustainable solutions, we are here to support you with personalized solutions that meet your cooling needs.

In cold storage facilities, cooling devices are used to create environments with optimal air conditions and isolation from external factors, ensuring freshness and extending the shelf life of perishable goods. The primary purpose of cold storage is to maintain the product's appearance, internal quality, and freshness as on the first day. The process begins with architectural and equipment projects tailored to the specific product and desired storage capacity.



Solar Energy
Wind Energy
Geothermal Energy
Steam Turbine
Hydroelectric Power Plants
ORC (Organic Rankine Cycle)

Our Engineering Technologies: Redefining Energy Production

Energy Production Systems

Green Climate is a pioneer in technological engineering systems, providing eco-friendly and innovative energy production solutions to meet the energy needs of the future. We continuously conduct research and development to bring fresh perspectives to the energy sector.

Renewable Energy Production Systems:

At Green Climate, we focus on sustainability and eco-friendly technologies, offering a wide range of services in the energy sector. We work on solutions based on renewable energy sources such as solar energy, wind energy, geothermal energy, and hydroelectric power.

Advanced Technology Designs:

Our energy production systems reflect the latest technological advancements and showcase our advanced engineering capabilities. We combine innovation with performance, ensuring that our solutions meet the highest standards of efficiency, reliability, and sustainability.

Our systems are designed for maximum efficiency and durability, providing users with long-term energy savings and economic benefits.

Customized Solutions:

We design scalable energy production systems tailored to meet our customers' needs. Whether you are powering a small business or a large industrial facility, we have a solution that fits your requirements.

Reliable Service and Support:

Our expert team supports you throughout every stage, from the installation to the maintenance of technological engineering systems. We ensure that your systems operate continuously and without interruption.

Green Climate continues to lead the way toward a sustainable and efficient future in energy production.

High Climate

Cooling System

The fan-pad system is particularly suitable for use in low-humidity areas. It humidifies and cools dry air. Adiabatic cooling is performed based on the temperature and humidity levels of greenhouses, using a psychrometric diagram for precise control.

Chiller Cooling System

It is a system that cools the water inside the chiller according to the greenhouse's designated heat load capacity and blows it through PE channels under the gutters with the help of coils and fans. Additionally, these systems are used for dehumidification in humid regions.

Advanced Climate Control System: Achieving Optimal Temperature Control in Greenhouse Production

The purpose of this technology is to lower the greenhouse air temperature to 22-24°C in hot climates during summer without interrupting production and to achieve high yields in cold climate countries. The greenhouse is fully enclosed, with no external air intake.

Air drawn in through an external cooling pad passes over coils containing water cooled by a chiller inside a closed chamber. This cooled air is then distributed into the greenhouse through PE channels installed beneath the gutters. This system ensures effective temperature management, supporting continuous production and optimal plant growth.

To maintain the humidity and temperature balance, the system expels part of the air supplied to the greenhouse through windows or fans, while recirculating the remaining portion back into the closed room, integrating it into the circulation system. This process ensures that the facility maintains the target optimal air temperature and humidity levels both during the day and night.

With this system, the greenhouse's internal air conditions can be fully controlled, providing a stable environment for consistent plant growth and maximum yield.

Choosing a climate engineering company is crucial, as it holds the key to effectively reducing global environmental issues and ensuring a sustainable future for future generations.

Sustainable solutions are developed in energy production by utilizing every element of nature. Through innovative technologies such as solar, wind, hydroelectric, and geothermal energy, combined with a commitment to excellence, nature's potential is transformed into highly efficient energy production systems.

The company offers the full benefits of renewable energy sources, meeting energy needs while minimizing environmental impact. You can join the company in building a greener, more efficient, and sustainable future and experience the difference in energy production systems.

Corporate responsibility goes beyond protecting the planet—it also means delivering the highest quality service to customers, stakeholders, and the community. The company's mission is to live in harmony with nature while promoting sustainable energy solutions for a better tomorrow.

A New Era in Energy Efficiency:
Electric Heating Systems & Heat Pumps

It's time to embrace renewable energy to increase your comfort and reduce energy costs. Electric heating systems and heat pumps utilize renewable energy sources such as solar, wind, or hydroelectric power, helping you achieve thermal comfort with lower energy consumption and minimal environmental impact.

Compared to traditional heating systems, electric heating systems and heat pumps consume less energy and produce lower CO_2 emissions. Additionally, their low maintenance requirements make them a cost-effective solution over time.

Our electric heating systems and heat pumps are compatible with air, water, and underfloor heating systems. Heat pumps can also be used for cooling applications, providing a dual-purpose solution. By utilizing renewable energy, these systems significantly reduce energy consumption.

With today's rapidly advancing technology, our electric heating systems and heat pumps offer a safe, efficient, and eco-friendly heating solution.

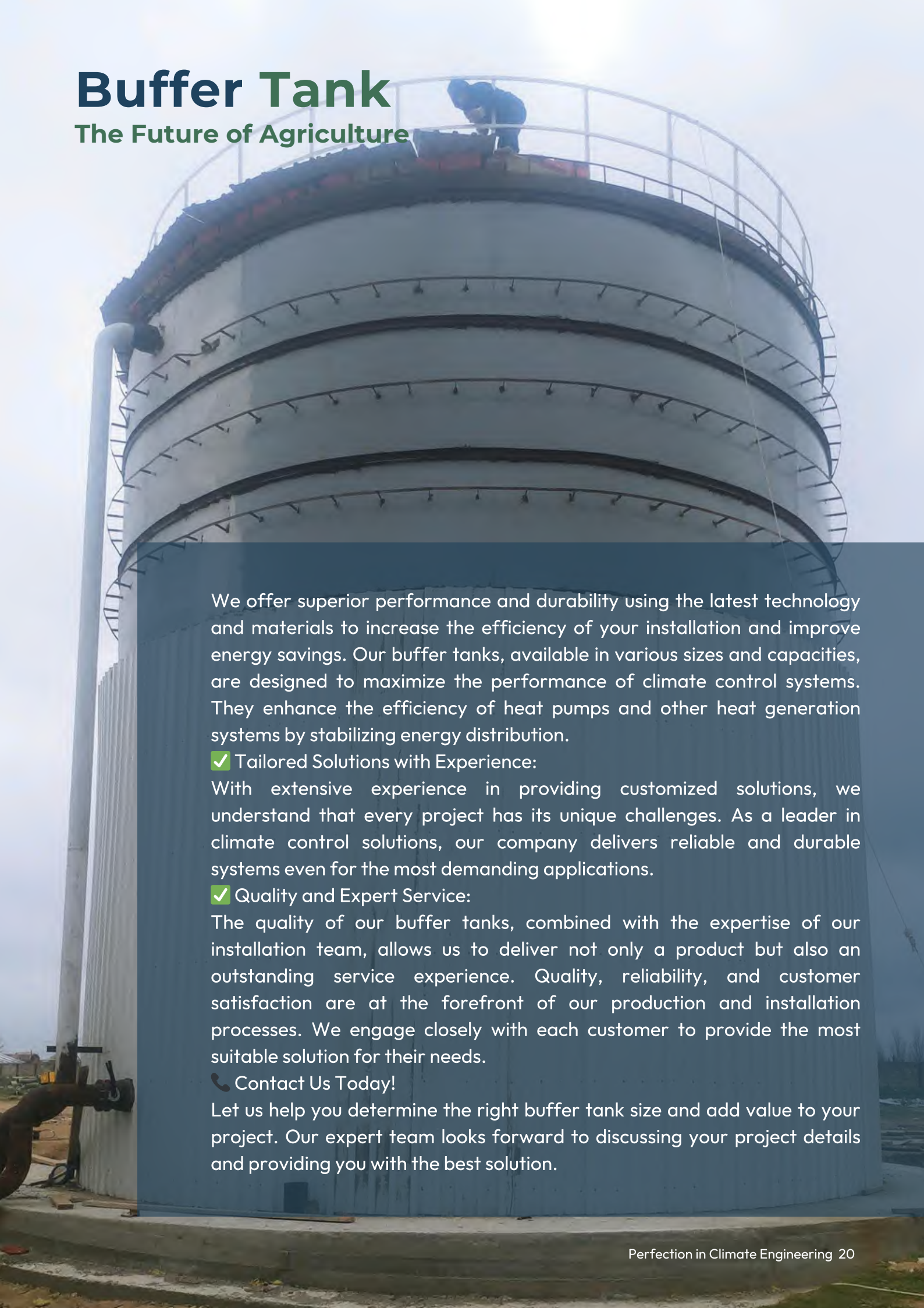
✅ Energy Savings: Lower energy costs through renewable energy sources
✅ Eco-Friendly: Reduce CO_2 emissions for a sustainable future
✅ Versatility: Suitable for both heating and cooling applications
✅ Low Maintenance: Cost-efficient and durable over time

Join us for a comfortable and sustainable future. Discover our electric heating systems and heat pumps—enjoy reduced energy costs while protecting the environment.

A new era of energy is beginning—be part of it!

Buffer Tank

The Future of Agriculture



We offer superior performance and durability using the latest technology and materials to increase the efficiency of your installation and improve energy savings. Our buffer tanks, available in various sizes and capacities, are designed to maximize the performance of climate control systems. They enhance the efficiency of heat pumps and other heat generation systems by stabilizing energy distribution.

✅ Tailored Solutions with Experience:

With extensive experience in providing customized solutions, we understand that every project has its unique challenges. As a leader in climate control solutions, our company delivers reliable and durable systems even for the most demanding applications.

✅ Quality and Expert Service:

The quality of our buffer tanks, combined with the expertise of our installation team, allows us to deliver not only a product but also an outstanding service experience. Quality, reliability, and customer satisfaction are at the forefront of our production and installation processes. We engage closely with each customer to provide the most suitable solution for their needs.

📞 Contact Us Today!

Let us help you determine the right buffer tank size and add value to your project. Our expert team looks forward to discussing your project details and providing you with the best solution.

Geothermal Heating System

Our company specializes in geothermal heating systems, offering a high-efficiency, low-energy, and eco-friendly solution.

Efficiency: The geothermal system is a ground-source heating and cooling system, utilizing the Earth's stored solar energy, which accumulates throughout the year. Heat pumps harness this energy to provide heating and cooling for greenhouses and buildings. Together with solar power plants and wind power plants, these systems form a comprehensive renewable energy solution. This integration not only reduces the operating costs of greenhouses and buildings but also improves energy efficiency.

Long Lifespan: Our geothermal heating systems are designed to operate flawlessly for decades, providing long-lasting and sustainable performance.

✅ Low Maintenance Cost:

Our geothermal heating systems are designed with low maintenance requirements in mind. Each component is manufactured to be durable and long-lasting, ensuring reliable performance with minimal upkeep.

Environmentally Responsible:

Geothermal energy is a renewable energy source that significantly reduces carbon emissions, helping to protect the environment while lowering energy costs. By choosing geothermal solutions, you contribute to a cleaner, more sustainable future.

🌿 Conclusion:

Our geothermal heating systems provide both environmental and economic benefits:

- ✅ Reduces energy costs
- ✅ Lowers your carbon footprint
- ✅ Adds value to your investments

At Green Climate, we prioritize customer satisfaction and deliver tailored solutions to meet your specific needs. With our geothermal systems, we open the doors to a new era in energy efficiency.

Soilless Agriculture

The Future of Agriculture

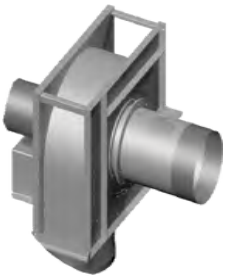
More Yield, Less Resource Use, Higher Quality – This is the future with Soilless Greenhouse Systems.
If you dream of growing plants in every season and under any weather condition, Soilless Greenhouse Systems are the ideal solution for you.
This advanced soilless agriculture method maximizes:

- ✅ Water efficiency
- ✅ Nutrient utilization
- ✅ Energy savings

It is a sustainable approach that offers consistent, high-quality yields while reducing resource consumption. Experience the future of agriculture with innovative soilless farming solutions!

Product Supply

As a climate engineering company, we go beyond offering cutting-edge solutions. By expanding our expertise, we provide comprehensive services, including product supply and consulting.
We ensure that our clients receive not only first-class systems but also expert guidance to optimize their climate control strategies and achieve sustainable success.



Our expertise in production and supply has been built over the years through strong relationships with trusted suppliers and manufacturers worldwide.
We meticulously source and combine high-quality materials tailored to meet our customers' specific needs, ensuring:

- ✅ Superior performance
- ✅ Durability
- ✅ Energy efficiency

With a strong focus on sustainability, we prioritize eco-friendly options and continually seek innovative solutions to minimize the ecological footprint of our material supply processes.

Boiler Manufacturing, Sales and After-Sales Services

Your Reliable Solution Partner in Boilers

At Green Climate, we leverage our years of experience and engineering expertise to manufacture high-efficiency hot water boilers for industrial facilities and greenhouses.
Produced with precision in our modern factory, our boilers offer:
✅ Energy savings through advanced efficiency
✅ Long-lasting performance for continuous operation
Designed to meet your business needs perfectly, our boilers combine durability, reliability, and efficiency, ensuring optimal performance and cost savings.

Wide Product Range
✅ Hot Water Boilers: Ideal solutions for industrial facilities, greenhouses, and hotels.
✅ High-Pressure Boilers: Reliable heating systems for large-scale facilities.
✅ Custom-Designed Boilers: Tailored solutions to meet your project's specific dimensions and technical requirements.

Excellence in Boiler Manufacturing:
✅ High Efficiency: Manufactured with eco-friendly technologies that reduce energy consumption.
✅ Durable Materials: Made from high-quality steel for long-lasting and reliable use.
✅ Modern Production: Precision manufacturing with state-of-the-art machinery.
✅ Testing and Quality Control: All boilers undergo rigorous high-pressure and performance tests after production.

Why Choose Green Climate Boilers?

At Green Climate, we analyze our customers' needs to provide the most suitable boiler solutions. Our experienced sales team guides you from product selection to installation, ensuring a seamless experience.

✅ Professional Consultancy: We help you choose the right boiler for your project with expert guidance.

✅ On-Site Assessment Service: We analyze your heating needs accurately to deliver the most efficient solution.

✅ Flexible and Fast Supply: We ensure prompt delivery of your orders with a quick and reliable supply process.

With Green Climate, you receive not only a high-quality product but also a complete solution tailored to your needs.

Comprehensive After-Sales Services for Reliable and Continuous Support

At Green Climate, we provide comprehensive service solutions to ensure reliable and continuous support after your boiler purchase.

✅ Installation and Commissioning: Our expert teams safely install and commission your boilers with precision.

✅ Periodic Maintenance: We ensure long-lasting and efficient operation of your boilers with regular maintenance services.

✅ 24/7 Technical Support: Our technical team is ready to respond swiftly to emergencies, providing prompt assistance.

✅ Spare Parts Service: We supply genuine spare parts to keep your systems running smoothly without interruptions.

With Green Climate, you receive reliable service and support, ensuring the efficiency, safety, and longevity of your boiler systems.

✅ High Efficiency: Reduces your energy costs.
✅ Eco-Friendly Production: Lowers your carbon footprint.
✅ Extensive Service Network: Provides fast technical support across Turkey.
✅ Expert Team: Offers reliable support before and after sales.
✅ Warranty and Assurance: Ensures long-term warranty and genuine spare part supply.

Solution Partnerships

As a climate engineering systems provider, we collaborate exclusively with professional partners who share our commitment to excellence, ensuring the highest standards of innovation, reliability, and sustainability in every project.

BKC HEATING SUPPLIES

Vitotherm Passion for Burners

THERMETA INDUSTRIAL COMBUSTION

GRUNDFOS

FAF VALVE COMPANY

ALFA LAVAL

SIEMENS

GROW LIGHT

Honeywell

RIELLO

Standart Pompa • Yangın Söndürme Sistemleri • Hidrofor

baltur

PAKKENS

ontrol otomatik kontrol

NORM CIVATA

MONEKS Trust in pressure measurement...

EAGLE by KBS

SARDOĞAN

Our Distribution Partners

As Green Climate, we hold the distributorship in Turkey for globally recognized, leading companies renowned for their advanced technologies and high-quality standards in our sector. Through these collaborations, we deliver solutions to our customers that meet international quality standards. All our distributorships are supported by official distributor certificates provided by the respective companies, and these documents can be shared with our customers upon request.

1. Company Name : BKC

Headquarters: Mariëndijk 7, 2675 SV Honselersdijk, Netherlands
Area of Expertise: Manufacturing and servicing hot water boilers, condensers, steam heaters, and related equipment for greenhouse heating systems.
Product Groups: BKC Boilers (CE and ASME/SELO certified), TK-Topboiler Series, Electric Boilers Pump and Drive Systems, Condensers Appendages (Additional Components), Buffer Tanks

2. Company Name : Vitotherm

Headquarters: Lorentzstraat 1, 2665 JG Bleiswijk, Netherlands
Area of Expertise: Design and production of commercial and industrial burner systems.
Product Groups: Burners for hot water and warm water systems, CO_2 dosing units, optional components customizable to specific requirements

3. Company Name : AFA Valve

Headquarters: Tieshan Industrial Park, West Coast New Area, Qingdao, Shandong, China
Area of Expertise: Design and manufacturing of highly abrasion-resistant, metal-seated C-type ball valve systems.
Product Groups: High abrasion-resistant C-type ball valves, top-mounted, wear-resistant C-type ball valves, jacketed insulated, highly abrasion-resistant C-type ball valves, top-mounted C-type ball valves for ultra-low temperature applications, metal-seated ball valves, ball valves with electric, pneumatic, electro-hydraulic, and manual control systems, customized ball valve solutions made from special materials

4. Company Name : Siemens Valves

Headquarters: Siemens AG, Germany
Area of Expertise: Valve and actuator solutions for HVAC systems, intelligent valve systems providing energy efficiency and system optimization, and integration with building automation systems.
Product Groups: Linear Valves: Two-way and three-way valves for precise flow control. Globe Valves: Preferred for various applications due to their compact design. Butterfly Valves: Suitable for flow control in large-diameter pipelines. Magnetic Valves: Offer rapid response and high accuracy. Intelligent Valves: Integrated, self-optimizing solutions for flow and pressure control. Actuators: Electromechanical, electrothermal, and magnetic-drive models. Connection Options: Flanged, threaded, and soldered connections.

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5. Company Name : johnson Pump

Headquarters: SPX FLOW, Inc. 611 Sugar Creek Road, Delavan, WI 53115, USA
Area of Expertise: Design and manufacturing of positive displacement and centrifugal pump systems, offering solutions for various sectors including industrial processes, marine applications, water and wastewater treatment, agriculture, and automotive.
Product Groups: Internal gear pumps, centrifugal pumps, rotary lobe pumps, flexible impeller pumps, self-priming centrifugal pumps, magnetically driven pumps, air-operated double diaphragm (AODD) pumps, vertical long-shaft pumps, pumps for high-temperature applications, modular design pumps, heavy-duty process pumps, vertical centrifugal pumps, pumps for high-viscosity liquids, pumps for hygienic applications, pumps for high-pressure applications, pumps for high-flow applications, pumps for low-flow applications, pumps for low-viscosity liquids, pumps for high-temperature fluids, pumps for low-temperature fluids, pumps for abrasive liquids, pumps for hazardous liquids, hygienic pumps for the food industry, process pumps for the chemical industry, pumps for the oil and gas industry, pumps for water and wastewater treatment, pumps for agriculture and horticulture applications, pumps for marine applications

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