



CATALOGUE





Sustainability

As EDSO COOLING, we place sustainability at the core of our business strategy and diligently fulfill our environmental responsibilities. Our production processes are designed with an environmentally conscious and energy-efficient approach. By utilizing green energy sources in our facilities, we minimize our carbon footprint and optimize our water consumption through sustainable water treatment methods. This eco-friendly production concept not only protects nature but also creates healthy and productive working environments for our employees.

All of our air coolers, dry coolers, and condensers are designed to operate with the lowest possible water and energy consumption. This innovative technology helps our customers maximize energy savings while contributing to the preservation of the world's valuable natural resources.

We are aware of our ecological, social, and economic responsibilities in the field of sustainability, and we shape our business activities accordingly. As EDSO COOLING, we aim to leave a more livable world for future generations by implementing sustainability principles in all our business processes. In this context, we aim to:

- Maximize energy and water efficiency,
- Adopt recycling and minimum waste principles in our waste management processes,
- Ensure that our products are eco-friendly and energy-efficient,
- Develop training and projects to raise awareness among our employees and stakeholders.

Within the framework of these policies, as EDSO COOLING, we minimize our environmental impact and strengthen our sustainable business practices, positioning ourselves as a leading and responsible brand in the industry.

INDEX

| | |
|----------------|----|
| ABOUT US | 04 |
| QUALITY POLICY | 05 |
| EXPORT | 06 |

CENTROL COOLING SYSTEMS

| | |
|------------------------------|----|
| DOUBLE STAGE CENTRAL SYSTEM | 08 |
| SEMI-HERMETIC CENTRAL SYSTEM | 09 |
| SCROLL CENTRAL SYSTEM | 10 |

INDUSTRIAL COOLING UNITS

| | |
|-------------------------------|----|
| DOUBLE STAGE CONDENSING UNIT | 12 |
| SEMI-HERMETIC CONDENSING UNIT | 13 |

SPLIT COOLING UNIT

| | |
|--------------------------|----|
| SEMI-HERMETIC SPLIT UNIT | 15 |
| SCROLL SPLIT UNIT | 16 |
| HERMETIC SPLIT UNIT | 17 |

INDUSTRIAL OPEN TYPE COOLING UNIT

| | |
|--------------------------------|----|
| SCEW COMPRESSOR OPEN TYPE UNIT | 19 |
| DOUBLE STAGE OPEN TYPE UNIT | 20 |
| SEMI-HERMETIC OPEN TYPE UNIT | 21 |
| SCROLL OPEN TYPE UNIT | 22 |
| HERMETIC OPEN TYPE UNIT | 23 |

About Us

As EDSO COOLING, we continuously renew ourselves and respond to our customers' needs with our expanding range of services in the cooling industry. Today, we manufacture, sell, and install various units tailored to different capacities, such as Central Cooling Systems, Industrial Cooling Units, Split Cooling Units, and Industrial Open Type Cooling Units, all equipped with the latest technology in industrial cooling systems. In every project, we aim to offer the most efficient solutions to meet our customers' business requirements, providing high-performance and long-lasting systems.

Additionally, we provide advanced engineering solutions in product groups such as Industrial Heat Exchangers, Condensers, Box Condensers, and Monoblock Units, prioritizing energy efficiency and sustainability. We offer a wide range of products in heat exchangers and develop customized solutions to meet the cooling needs of various businesses.

With our project design, contracting, consultancy, technical support, and site assessment services, we support our customers at every stage. Especially through our project design and site assessment services, we ensure that cooling systems are implemented with optimal cost and performance. Our contracting and technical service team provides post-installation maintenance and support services to ensure systems operate reliably and have a long service life.

We are extending our success in the domestic market to the global arena with export activities in countries such as Germany, Albania, the United States, Israel, Kuwait, the United Arab Emirates, Azerbaijan, and Georgia. Our products, entirely domestically manufactured, are also preferred in these markets for their reliability and quality.

As EDSO COOLING, we continue to offer top-level services to our customers by leveraging our experience, strong technical team, and technological infrastructure in the industry.

Quality Policy

At EDSO COOLING, we do not limit our quality approach to merely meeting customer expectations; we aim to exceed these expectations by providing pioneering and reliable solutions in the industry. By developing holistic, sustainable, and innovative solutions in industrial cooling and cold storage systems, we respond to our customers' needs in the most appropriate way. Accordingly, we use the highest quality materials in every project and offer flawless installation services to ensure that our systems operate efficiently and have a long service life.

The foundation of our quality policy is to maintain the highest level of customer satisfaction and provide transparent, professional, and solution-oriented service at every stage. From production to installation, after-sales support to technical service, we offer solutions that comply with international standards and embrace the principle of continuous improvement.

As EDSO COOLING, we continue to be a symbol of quality and trust in the industry with environmentally friendly and energy-efficient systems. By sharing this quality approach with all our employees, suppliers, and business partners, we continue to deliver lasting, reliable, and value-added projects to our customers.



ACCREDITED[®]

Management
Systems
Certification Body
MSCB-136



We Produce for the World.

As EDSO Cooling, our company, which has been steadily growing in the Turkish market, successfully offers our domestically manufactured products in many countries around the world. Thanks to our customer-oriented approach and quality production, we have a strong presence not only in Turkey but also in the international market.

Among the countries that confidently use our cooling solutions are:

- United States
- Germany
- Albania
- Azerbaijan
- United Arab Emirates
- Georgia
- Israel
- Kuwait

Our company continues to enhance its effectiveness in the global market every day, providing the most innovative and reliable cooling solutions to its customers.



Central Cooling Systems

Advanced Cooling Solutions for Maximum Efficiency

At EDSO COOLING, we specialize in providing advanced Central Cooling Systems designed to meet the demanding needs of various industries. Our product range includes Double Stage Central Systems, Semi-Hermetic Central Systems, and Scroll Central Systems, all meticulously engineered to deliver optimal performance and energy efficiency.

These systems are equipped with state-of-the-art technology to ensure reliable, long-lasting cooling solutions that support your operational requirements. With a commitment to quality and innovation, our Central Cooling Systems are the ideal choice for businesses seeking sustainable and effective cooling solutions. EDSO COOLING's expertise guarantees that each system we deliver is tailored to maximize efficiency, reduce environmental impact, and enhance productivity across industries.



Double Stage Central System

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity -
Range (-10°C / +45°C)
Shock Capacity Range 12 kW ~ 545 kW
(-40°C / +45°C)

COMPRESSOR

| | |
|---------------------|-------------------------------|
| Type | Double Stage |
| Brand | Bitzer / Dakin / Frascold |
| Nominal Power Range | 7.5 HP ~ 45 HP |
| Pieces | 2 ~ 6 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|---------------------------------|------------------------|
| Type | Remote |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|---|------|
| EWCM, Eliwell, Danfoss, Carel Control Devices | |
| IP55-6 Electrical Box | |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Double Stage Compressor | |
| Compressor Service Valve | |
| Check Valve | |
| Discharge Line Vibration Absorber | |
| Suction Line Vibration Absorber | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier Shells | |
| Suction Line Filter Drier Shells | |
| Liquid Line Sight Glass | |
| Suction Line Accumulators | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | OPT. |
| Close Type And Open Type | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|--|
| Oil Separator | |
| Oil Receiver | |
| Oil Check Valve | |
| Oil Filter | |
| Oil Line Service Valve | |
| Electronic Oil Level Regulators | |
| Oil Differential Pressure Presostat | |

PRESSURE CONTROL

| | |
|-----------------------------|--|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | |
| Low/High Pressure Presostat | |
| Pressure Pipe Service Valve | |



Semi-Hermetic Central System

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 3 kW ~ 661 kW
Range (-10°C / +45°C)

Shock Capacity Range 2 kW ~ 250 kW
(-40°C / +45°C)

COMPRESSOR

Type Semi-Hermetic
Brand Bitzer / Dorin / Frascold / Gea Bock / Copeland
Nominal Power Range 0.5 HP ~ 80 HP
Pieces 2 ~ 6 pcs
Voltage 380V ~ 420V / 3 PH / 50 Hz
Refrigerant R404A / R407F / R448A / R449A

CONDENSER

Type Remote
Fan Speed High Speed / Low Speed
Fin Aluminium
Tube Material Copper
Design Condition (ΔT) 10K

EQUIPMENTS

CONTROL

Eliwell, Dixcell, Danfoss, Carel Control Devices
IP55-65 Electrical Box

Compressor Inverter OPT.
Fan Inverter OPT.

MECHANIC

Semi Hermetic Compressor
Compressor Service Valve
Check Valve
Discharge Line Vibration Absorber
Suction Line Vibration Absorber
Liquid Receiver
Liquid Receiver Service Valve Control
Liquid Line Filter Drier Shells
Liquid Line Sight Glass
Suction Line Accumulators
Liquid Line Service Valve
Air Cooled Condenser
Suction Line Filter Drier Shells OPT.
Close Type and Open Type OPT.
Heat Recovery Methods OPT.

LUBRICATION CONTROL

Oil Separator
Oil Receiver
Oil Check Valve
Oil Filter
Oil Line Service Valve
Electronic Oil Level Regulators
Oil Differential Pressure Presostat

PRESSURE CONTROL

Dual Pressure Presostat
Low/High Pressure Manometer
Low/High Pressure Presostat
Pressure Pipe Service Valve



Scroll Central System

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 11 kW ~ 264 kW
Range (-10°C / +45°C)

Shock Capacity Range 4 kW ~ 129 kW
(-40°C / +45°C)

COMPRESSOR

Type Scroll
Brand Bitzer / Copeland / Danfoss / Embraco
Nominal Power Range 0.5 HP ~ 80 HP
Pieces 2 ~ 12 pcs
Voltage 380V ~ 420V / 3 PH / 50 Hz
Refrigerant R404A / R407F / R448A / R449A

CONDENSER

Type Remote
Fan Speed High Speed / Low Speed
Fin Aluminium
Tube Material Copper
Design Condition (ΔT) 10K

EQUIPMENTS

CONTROL

Eliwell, Dixcell, Danfoss, Carel Control Devices
IP55-65 Electrical Box

Compressor Inverter OPT.
Fan Inverter OPT.

MECHANIC

Scroll Compressor
Compressor Service Valve
Check Valve
Discharge Line Vibration Absorber
Suction Line Vibration Absorber
Liquid Receiver
Liquid Receiver Service Valve Control

Liquid Line Filter Drier Shells
Liquid Line Sight Glass
Suction Line Accumulators
Liquid Line Service Valve
Air Cooled Condenser
Suction Line Filter Drier Shells OPT.
Close Type and Open Type OPT.
Heat Recovery Methods OPT.

LUBRICATION CONTROL

Oil Separator
Oil Receiver OPT.
Oil Check Valve OPT.
Oil Filter OPT.
Oil Line Service Valve OPT.
Electronic Oil Level Regulators OPT.
Oil Differential Pressure Presostat OPT.

PRESSURE CONTROL

Dual Pressure Presostat
Low/High Pressure Manometer
Low/High Pressure Presostat
Pressure Pipe Service Valve





Industrial Cooling Units

Reliable Cooling Solutions for Industrial Power

At EDSO COOLING, we provide reliable and high-performance cooling solutions tailored to meet the demanding needs of the industrial sector. Our product range includes Double Stage Condensing Units and Semi-Hermetic Condensing Units, each designed to deliver superior cooling capacity required by industrial facilities.

Equipped with modern technologies, our Industrial Cooling Units are specially designed to offer long-lasting, efficient, and environmentally friendly solutions. In every project, we aim to provide systems that maximize energy savings while aligning with the operational needs of businesses. EDSO COOLING's cooling units are an essential component of industrial environments, renowned for their reliable performance and robust structure.



Double Stage Condensing Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity -
Range (-10°C / +45°C)
Shock Capacity Range 4 kW ~ 74 kW
(-40°C / +45°C)

COMPRESSOR

| | |
|---------------------|-------------------------------|
| Type | Double Stage |
| Brand | Bitzer / Dorin / Frascold |
| Nominal Power Range | 7.5 HP ~ 65 HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Box Condenser |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|--|------|
| IP55-65 Electrical Box | |
| Eliwell, Dixcell, Danfoss, Carel Control Devices | OPT. |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Double Stage Compressor | |
| Compressor Service Valve | |
| Discharge Line Vibration Absorber | |
| Suction Line Vibration Absorber | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier Shells | |
| Suction Line Filter Drier Shells | |
| Liquid Line Sight Glass | |
| Suction Line Accumulators | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | |
| Close Type | |
| Check Valve | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|------|
| Oil Separator | |
| Oil Differential Pressure Presostat | |
| Oil Line Service Valve | OPT. |
| Electronic Oil Level Regulators | OPT. |
| Oil Receiver | OPT. |
| Oil Check Valve | OPT. |
| Oil Filter | OPT. |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | |
| Low/High Pressure Presostat | |
| Pressure Pipe Service Valve | OPT. |

Semi-Hermetic Condensing Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity Range (-10°C / +45°C) 2 kW ~ 126 kW

Freezer Storage Capacity Range (-25°C / +45°C) 1 kW ~ 63 kW

COMPRESSOR

Type Double Stage
Brand Bitzer/Dorin/Frascold/Gea Bock
Nominal Power Range 0.5 HP ~ 80 HP
Pieces 1 pcs
Voltage 380V ~ 420V / 3 PH / 50 Hz
Refrigerant R404A / R407F / R448A / R449A

CONDENSER

Type Box Condenser
Fan Speed High Speed / Low Speed
Fin Aluminium
Tube Material Copper
Design Condition (ΔT) 10K

EQUIPMENTS

CONTROL

IP55-65 Electrical Box
Eliwell, Dixcell, Danfoss, Carel Control Devices OPT.
Compressor Inverter OPT.
Fan Inverter OPT.

MECHANIC

Semi-Hermetic Compressor
Compressor Service Valve
Discharge Line Vibration Absorber
Liquid Receiver
Liquid Receiver Service Valve Control
Liquid Line Filter Drier Shells
Liquid Line Sight Glass
Liquid Line Service Valve
Air Cooled Condenser
Close Type
Check Valve OPT.
Suction Line Vibration Absorber OPT.
Suction Line Filter Drier Shells OPT.
Suction Line Accumulators OPT.
Heat Recovery Methods OPT.

LUBRICATION CONTROL

Oil Separator
Oil Receiver OPT.
Oil Check Valve OPT.
Oil Filter OPT.
Oil Line Service Valve OPT.
Electronic Oil Level Regulators OPT.
Oil Differential Pressure Presostat OPT.

PRESSURE CONTROL

Dual Pressure Presostat
Low/High Pressure Manometer
Low/High Pressure Presostat OPT.
Pressure Pipe Service Valve OPT.

Split Cooling Units

Flexible and Efficient Cooling Solutions

At EDSO COOLING, we offer flexible and efficient Split Cooling Units designed to meet a variety of industrial and commercial needs. Our product range includes Semi-Hermetic Split Units, Scroll Split Units, and Hermetic Split Units, each meticulously engineered to provide high performance and energy efficiency.

Our Split Cooling Units offer easy installation and maintenance advantages, effectively meeting diverse cooling requirements. At EDSO COOLING, we provide solutions tailored to the needs of businesses, enhancing efficiency with systems that deliver optimal cooling in every setting. Known for their eco-friendly and durable design, our Split Cooling Units are the preferred choice for businesses seeking reliable cooling solutions.



Semi-Hermetic Split Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 1 kW ~ 29 kW
Range (-10°C / +45°C)

Freezer Storage Capacity 0.5 kW ~ 17.5 kW
Range (-25°C / +45°C)

COMPRESSOR

| | |
|---------------------|--------------------------------|
| Type | Semi-Hermetic |
| Brand | Bitzer/Dorin/Frascold/Gea Bock |
| Nominal Power Range | 0.5 HP ~ 20 HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Box Condenser |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|--|------|
| IP55-65 Electrical Box | |
| Eliwell, Dixcell, Danfoss, Carel Control Devices | OPT. |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Semi-Hermetic Compressor | |
| Compressor Service Valve | |
| Discharge Line Vibration Absorber | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier Shells | |
| Liquid Line Sight Glass | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | |
| Close Type | |
| Check Valve | OPT. |
| Suction Line Vibration Absorber | OPT. |
| Suction Line Filter Drier Shells | OPT. |
| Suction Line Accumulators | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|------|
| Oil Separator | |
| Oil Receiver | OPT. |
| Oil Check Valve | OPT. |
| Oil Filter | OPT. |
| Oil Line Service Valve | OPT. |
| Electronic Oil Level Regulators | OPT. |
| Oil Differential Pressure Presostat | OPT. |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | |
| Low/High Pressure Presostat | OPT. |
| Pressure Pipe Service Valve | OPT. |

Scroll Split Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 3 kW ~ 22 kW
Range (-10°C / +45°C)

Freezer Storage Capacity 1.8 kW ~ 10.8 kW
Range (-25°C / +45°C)

COMPRESSOR

| | |
|---------------------|--|
| Type | Scroll |
| Brand | Bitzer/Copeland/Danfoss/Embraco |
| Nominal Power Range | 2 HP ~ 15 HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz 220V ~ 240V / 1 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Box Condenser |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|--|------|
| IP55-65 Electrical Box | |
| Eliwell, Dixcell, Danfoss, Carel Control Devices | OPT. |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Scroll Compressor | |
| Compressor Service Valve | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier | |
| Liquid Line Sight Glass | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | |
| Close Type | |
| Check Valve | OPT. |
| Discharge Line Vibration Absorber | OPT. |
| Suction Line Vibration Absorber | OPT. |
| Solenoid Valve | OPT. |
| Suction Line Accumulators | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|------|
| Oil Separator | OPT. |
| Oil Receiver | OPT. |
| Oil Check Valve | OPT. |
| Oil Filter | OPT. |
| Oil Line Service Valve | OPT. |
| Electronic Oil Level Regulators | OPT. |
| Oil Differential Pressure Presostat | OPT. |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | OPT. |
| Low/High Pressure Presostat | OPT. |
| Pressure Pipe Service Valve | OPT. |

Hermetic Split Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 0.4 kW ~ 210.12 kW
Range (-10°C / +45°C)

Freezer Storage Capacity 0.13 kW ~ 5.08 kW
Range (-25°C / +45°C)

COMPRESSOR

| | |
|---------------------|--|
| Type | Hermetic |
| Brand | Tecumseh / Danfoss / Embraco |
| Nominal Power Range | 0.5 HP ~ 7HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz 220V ~ 240V / 1 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Box Condenser |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|--|------|
| IP55-65 Electrical Box | |
| Eliwell, Dixcell, Danfoss, Carel Control Devices | OPT. |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Scroll Compressor | |
| Compressor Service Valve | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier | |
| Liquid Line Sight Glass | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | |
| Close Type | |
| Check Valve | OPT. |
| Discharge Line Vibration Absorber | OPT. |
| Suction Line Vibration Absorber | OPT. |
| Solenoid Valve | OPT. |
| Suction Line Accumulators | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|------|
| Oil Separator | OPT. |
| Oil Receiver | OPT. |
| Oil Check Valve | OPT. |
| Oil Filter | OPT. |
| Oil Line Service Valve | OPT. |
| Electronic Oil Level Regulators | OPT. |
| Oil Differential Pressure Presostat | OPT. |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | OPT. |
| Low/High Pressure Presostat | OPT. |
| Pressure Pipe Service Valve | OPT. |

A close-up photograph of industrial cooling unit components, showing several copper pipes connected to a white metal manifold. The background is a blurred industrial setting with blue and green lighting. The image is overlaid with a semi-transparent teal gradient on the right side where the text is located.

Industrial Open Type Cooling Units

Robust and Durable Solutions for Challenging Conditions

Introduction Text: At EDSO COOLING, we offer cooling solutions that are resilient to the high-capacity and demanding conditions of the industrial sector. Our product range includes Screw Compressor Open Type Units, Double Stage Open Type Units, Semi-Hermetic Open Type Units, Scroll Open Type Units, and Hermetic Open Type Units, addressing a broad spectrum of needs. Each unit is carefully designed to deliver high performance and long-lasting durability.

Our open type cooling units provide reliable performance and a sturdy build, making them the perfect solution for the challenging requirements of industrial facilities. At EDSO COOLING, we deliver energy-efficient and environmentally friendly systems that best meet the demands of industrial environments, offering long-term benefits to our customers. Our Industrial Open Type Cooling Units are the ideal choice for efficient cooling, even under the most challenging conditions.



Screw Compressor Open Type Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 41 kW ~ 703 kW
Range (-10°C / +45°C)

Freezer Storage Capacity 21 kW ~ 193 kW
Range (-25°C / +45°C)

Shock Capacity Range 9 kW ~ 103 kW
(-40°C / +45°C)

COMPRESSOR

| | |
|---------------------|-------------------------------|
| Type | Screw |
| Brand | Bitzer |
| Nominal Power Range | 20HP ~ 320HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Chassis Condenser Type |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|---|------|
| Eliwell, Dixcell, Danfoss, Carel, RDM Control Devices | |
| IP55-65 Electrical Box | |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Screw Compressor | |
| Compressor Service Valve | |
| Check Valve | |
| Discharge Line Vibration Absorber | |
| Suction Line Vibration Absorber | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier Shells | |
| Suction Line Filter Drier Shells | |
| Liquid Line Sight Glass | |
| Suction Line Accumulators | |
| Liquid Line Service Valve | |
| Air Cooled Condenser / Shell and Tube | OPT. |
| Close Type and Open Type | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|---|--|
| Oil Separator | |
| Oil Receiver | |
| Oil Check Valve | |
| Oil Filter | |
| Oil Line Service Valve | |
| Electronic Oil Level Regulators | |
| Oil Differential Pressure Presostat. Oil Cooler | |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | |
| Low/High Pressure Presostat | |
| Pressure Pipe Service Valve | OPT. |

Double Stage Open Type Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

| | |
|---|---------------|
| Cold Storage Capacity - Range (-10°C / +45°C) | - |
| Freezer Storage Capacity - Range (-25°C / +45°C) | - |
| Shock Capacity Range (-40°C / +45°C) | 9 kW ~ 103 kW |

COMPRESSOR

| | |
|---------------------|-------------------------------|
| Type | Screw |
| Brand | Bitzer / Dorin / Frascold |
| Nominal Power Range | 7,5 HP ~ 65 HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Chassis Condenser Type |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|--|------|
| IP55-65 Electrical Box | |
| Eliwell, Dixcell, Danfoss, Carel Control Devices | OPT. |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|--|------|
| Double Stage Compressor | |
| Compressor Service Valve | |
| Discharge Line Vibration Absorber | |
| Suction Line Vibration Absorber | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier Shells (Drayer) | |
| Liquid Line Sight Glass | |
| Suction Line Accumulators | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | |
| Open Type | |
| Check Valve | OPT. |
| Suction Line Filter Drier Shells | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|------|
| Oil Separator | |
| Oil Differential Pressure Presostat | |
| Oil Receiver | OPT. |
| Oil Check Valve | OPT. |
| Oil Filter | OPT. |
| Oil Line Service Valve | OPT. |
| Electronic Oil Level Regulators | OPT. |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | |
| Low/High Pressure Presostat | OPT. |
| Pressure Pipe Service Valve | OPT. |



Semi-Hermetic Open Type Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 1 kW ~ 107,1 kW
Range (-10°C / +45°C)

Freezer Storage Capacity 0,78 kW ~ 40,3 kW
Range (-25°C / +45°C)

COMPRESSOR

Type Semi-Hermetic
Brand Bitzer/Dorin/Frascold/Bock/Cop.
Nominal Power Range 0,5 HP ~ 20 HP
Pieces 1 pcs
Voltage 380V ~ 420V / 3 PH / 50 Hz
Refrigerant R404A / R407F / R448A / R449A

CONDENSER

Type Chassis Condenser Type
Fan Speed High Speed / Low Speed
Fin Aluminium
Tube Material Copper
Design Condition (ΔT) 10K

EQUIPMENTS

CONTROL

IP55-65 Electrical Box
Eliwell, Dixcell, Danfoss, Carel Control Devices OPT.
Compressor Inverter OPT.
Fan Inverter OPT.

MECHANIC

Semi Hermetic Compressor
Compressor Service Valve
Discharge Line Vibration Absorber
Suction Line Vibration Absorber
Liquid Receiver
Liquid Receiver Service Valve Control
Liquid Line Filter Drier
Liquid Line Sight Glass
Liquid Line Service Valve
Air Cooled Condenser
Open Type
Check Valve OPT.
Solenoid Valve OPT.
Suction Line Accumulators OPT.
Heat Recovery Methods OPT.

LUBRICATION CONTROL

Oil Separator
Oil Differential Pressure Presostat OPT.
Oil Receiver OPT.
Oil Check Valve OPT.
Oil Filter OPT.
Oil Line Service Valve OPT.
Electronic Oil Level Regulators OPT.

PRESSURE CONTROL

Dual Pressure Presostat
Low/High Pressure Manometer
Low/High Pressure Presostat OPT.
Pressure Pipe Service Valve OPT.

Scroll Open Type Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 3 kW ~ 22 kW
Range (-10°C / +45°C)

Freezer Storage Capacity 1,8 kW ~ 10,8 kW
Range (-25°C / +45°C)

COMPRESSOR

| | |
|---------------------|--|
| Type | Scroll |
| Brand | Bitzer/Copeland/Danfoss/Embraco |
| Nominal Power Range | 2 HP ~ 15 HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz 220V ~ 240V / 1 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Chassis Condenser Type |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|--|------|
| IP55-65 Electrical Box | |
| Eliwell, Dixcell, Danfoss, Carel Control Devices | OPT. |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Scroll Compressor | |
| Compressor Service Valve | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier | |
| Liquid Line Sight Glass | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | |
| Open Type | |
| Check Valve | OPT. |
| Discharge Line Vibration Absorber | OPT. |
| Suction Line Vibration Absorber | OPT. |
| Solenoid Valve | OPT. |
| Suction Line Accumulators | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|------|
| Oil Separator | OPT. |
| Oil Receiver | OPT. |
| Oil Check Valve | OPT. |
| Oil Filter | OPT. |
| Oil Line Service Valve | OPT. |
| Electronic Oil Level Regulators | OPT. |
| Oil Differential Pressure Presostat | OPT. |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | OPT. |
| Low/High Pressure Presostat | OPT. |
| Pressure Pipe Service Valve | |



Hermetic Open Type Unit

TECHNICAL SPECIFICATIONS

CAPACITY EN12900

Cold Storage Capacity 0,4 kW ~ 10,12 kW
Range (-10°C / +45°C)

Freezer Storage Capacity 0,13 kW ~ 5,08 kW
Range (-25°C / +45°C)

COMPRESSOR

| | |
|---------------------|--|
| Type | Hermetic |
| Brand | Tecumseh / Danfoss / Embraco |
| Nominal Power Range | 0,5 HP ~ 17 HP |
| Pieces | 1 pcs |
| Voltage | 380V ~ 420V / 3 PH / 50 Hz 220V ~ 240V / 1 PH / 50 Hz |
| Refrigerant | R404A / R407F / R448A / R449A |

CONDENSER

| | |
|-----------------------|------------------------|
| Type | Chassis Condenser Type |
| Fan Speed | High Speed / Low Speed |
| Fin | Aluminium |
| Tube Material | Copper |
| Design Condition (ΔT) | 10K |

EQUIPMENTS

CONTROL

| | |
|--|------|
| IP55-65 Electrical Box | |
| Eliwell, Dixcell, Danfoss, Carel Control Devices | OPT. |
| Compressor Inverter | OPT. |
| Fan Inverter | OPT. |

MECHANIC

| | |
|---------------------------------------|------|
| Hermetic Compressor | |
| Compressor Service Valve | |
| Liquid Receiver | |
| Liquid Receiver Service Valve Control | |
| Liquid Line Filter Drier | |
| Liquid Line Sight Glass | |
| Liquid Line Service Valve | |
| Air Cooled Condenser | |
| Open Type | |
| Check Valve | OPT. |
| Discharge Line Vibration Absorber | OPT. |
| Suction Line Vibration Absorber | OPT. |
| Solenoid Valve | OPT. |
| Suction Line Accumulators | OPT. |
| Heat Recovery Methods | OPT. |

LUBRICATION CONTROL

| | |
|-------------------------------------|------|
| Oil Separator | OPT. |
| Oil Receiver | OPT. |
| Oil Check Valve | OPT. |
| Oil Filter | OPT. |
| Oil Line Service Valve | OPT. |
| Electronic Oil Level Regulators | OPT. |
| Oil Differential Pressure Presostat | OPT. |

PRESSURE CONTROL

| | |
|-----------------------------|------|
| Dual Pressure Presostat | |
| Low/High Pressure Manometer | OPT. |
| Low/High Pressure Presostat | OPT. |
| Pressure Pipe Service Valve | |



- 
- United States
 - Germany
 - Albania
 - Azerbaijan
 - United Arab Emirates
 - Georgia
 - Israel
 - Kuwait