

FRISAV®

FRİGORİFİK ARAÇ KASASI UZMANI

Expert of Refrigerated Vehicle Solutions



FOUR SEASONS FRESH

четыре сезона свежести

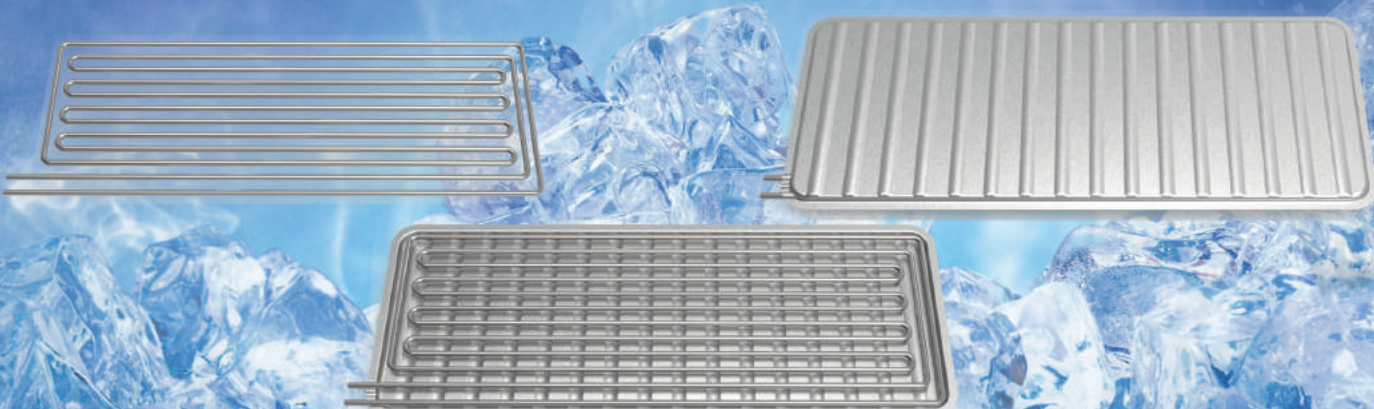
DÖRT MEVSİM TAZE



- ✓ Kaliteli Ürün
- ✓ Opsiyonel Yapı
- ✓ Ergonomik Tasarım

- ✓ Quality Product
- ✓ Optionally Structure
- ✓ Ergonomically Designed

- ✓ Качественная продукция
- ✓ Опциональная структура
- ✓ Эргономический дизайн





ABOUT US

Tekno Sav
ENDÜSTRİYEL SOĞUTMA UZMANI

FRISAV
FRİGORİFİK ARAÇ KASASI UZMANI

PANELSAV

Our company having signed many national and international projects had started its activities in 1981 under leadership of Prof. Sabri SAVAS, one of the veterans of industrial refrigeration sector.

SAVAŞLAR LTD.ŞTİ. is one of the leading companies of its sector aiming to fulfill completely its responsibilities to its customers, workers, suppliers and sector companies since 1981 to present day. Until today, it has worked out to present products with long-life, environmentally friendly, highly efficient, low energy consumption and pioneer in innovation.

SAVAŞLAR LTD.ŞTİ. shall continue its national and international successes for cooling equipment of cold chain, production and assembly of cold room panels and doors, production of cold rooms in containers, cooling of electric panel rooms and electrical panels of industrial plant facilities, production of equipments for process cold water need and special process solutions. It shall provide customer satisfaction in futures as well as today with **TEKNOSAV - FRISAV - PANELSAV** branded products



HAKKIMIZDA

Bir çok yurtiçi ve yurtdışı projeye imzasını atmış olan firmamız; Endüstriyel Soğutma Sektörünün duayenlerinden Prof. Sabri SAVAŞ'ın önderliğinde 1981 yılında SAVAŞLAR LTD. ŞTİ. ünvanı ile faaliyetlerine başlamıştır.

SAVAŞLAR LTD. ŞTİ.; 1981 yılından bugüne müşterilerine, çalışanlarına, tedarikçilerine ve sektör firmalarına karşı sorumluluklarını eksiksiz yerine getirmeyi amaç edinmiş sektörünün lider firmalarından birisidir. Bugüne kadar soğutma sektörüne yenilikte öncü, düşük enerji tüketimi, yüksek verimli, uzun ömürlü ve doğa dostu ürünler sunmayı görev edinmiştir.

SAVAŞLAR LTD. ŞTİ.; başta gıda ürünleri üretiminden, nihai müşteriye ulaşana kadar soğuk zincir için soğutma cihazları, soğuk oda panelleri ve kapılarının üretimi-montajı, konteyner soğuk oda üretimi, sanayi tesislerinin elektrik pano odalarının ve elektrik panolarının soğutulması, sanayi tesislerinin Proses soğuk su ihtiyaçlarına yönelik cihazların üretimi ve özel Proses çözümleri ile yurt içi ve yurt dışında başarılarına devam etmektedir. TEKNOSAV - FRISAV - PANELSAV markalı ürünleri ile müşterilerinin memnuniyetini dün olduğu gibi yarınlarda da sağlayacaktır.

MODEL
МОДЕЛЬ

FRSV-CR 5

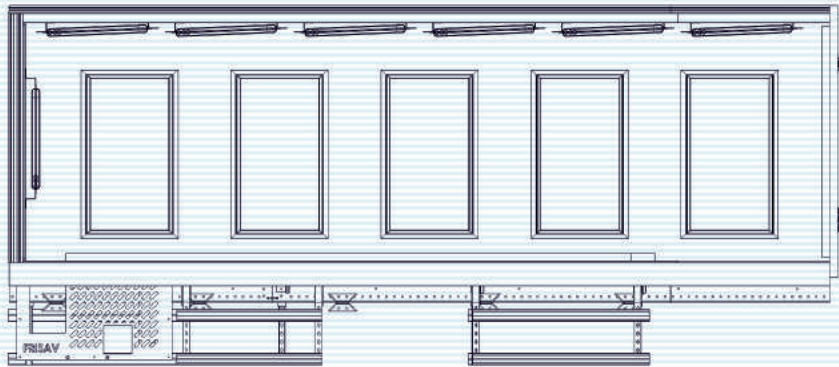


- ✓ %100 Müşteri memnuniyeti
- ✓ Opsiyonel yapı
- ✓ Dayanıklı ve hafif kasalar
- ✓ Ergonomik ve ekonomik
- ✓ Özel tasarımlı kasa şasesi
- ✓ 5 Bariyerli özel tasarım conta
- ✓ Isı köprüsü oluşturmeyen özgün tasarım



- ✓ %100 Customer satisfaction
- ✓ Optional structure
- ✓ Durable and light weight frame
- ✓ Ergonomic and economical
- ✓ Specially designed case
- ✓ 5 Barrier special design gasket
- ✓ Unique design without heat bridge

- ✓ %100 Удовлетворение потребностей клиентов
- ✓ Опциональная структура
- ✓ Прочные и легкие корпуса
- ✓ Эргономичный и экономичный
- ✓ Специально разработанный корпус шасси
- ✓ 5-и ступенчатая конструкция уплотнения
- ✓ Оригинальный дизайн для предотвращения возникновения тепловых мостов



Ölçüler - Dimensions

Габаритные размеры

5200 X 2200 X 1700 mm



MODEL
МОДЕЛЬ

FRSV-CR 4



- ✓ %100 Müşteri memnuniyeti
- ✓ Opsiyonel yapı
- ✓ Dayanıklı ve hafif kasalar
- ✓ Ergonomik ve ekonomik
- ✓ Özel tasarımı kasa şasesi
- ✓ 5 Bariyerli özel tasarım conta
- ✓ Isı köprüsü oluşturmayan özgün tasarım

- ✓ %100 Customer satisfaction
- ✓ Optional structure
- ✓ Durable and light weight frame
- ✓ Ergonomic and economical
- ✓ Specially designed case
- ✓ 5 Barrier special design gasket
- ✓ Unique design without heat bridge



- ✓ %100 Удовлетворение потребностей клиентов
- ✓ Опциональная структура
- ✓ Прочные и легкие корпуса
- ✓ Эргономичный и экономичный
- ✓ Специально разработанный корпус шасси
- ✓ 5-и ступенчатая конструкция уплотнения
- ✓ Оригинальный дизайн для предотвращения возникновения тепловых мостов



Ölçüler - Dimensions

Габаритные размеры

4200 X 2200 X 1700 mm



MODEL
МОДЕЛЬ

FRSV-CR 3

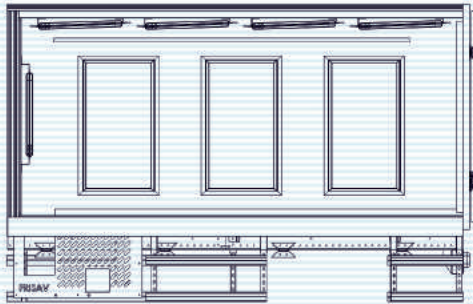


- ✓ %100 Müşteri memnuniyeti
- ✓ Opsiyonel yapı
- ✓ Dayanıklı ve hafif kasalar
- ✓ Ergonomik ve ekonomik
- ✓ Özel tasarımı kasa şasesi
- ✓ 5 Bariyerli özel tasarım conta
- ✓ Isı köprüsü oluşturmayan özgün tasarım



- ✓ %100 Customer satisfaction
- ✓ Optional structure
- ✓ Durable and light weight frame
- ✓ Ergonomic and economical
- ✓ Specially designed case
- ✓ 5 Barrier special design gasket
- ✓ Unique design without heat bridge

- ✓ %100 Удовлетворение потребностей клиентов
- ✓ Опциональная структура
- ✓ Прочные и легкие корпуса
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Ölçüler - Dimensions

Габаритные размеры

3500 X 2100 X 1700 mm

3100 X 2100 X 1700 mm



MODEL
МОДЕЛЬ

FRSV-CR 2



- ✓ %100 Müşteri memnuniyeti
- ✓ Opsiyonel yapı
- ✓ Dayanıklı ve hafif kasalar
- ✓ Ergonomik ve ekonomik
- ✓ Özel tasarımı kasa şasesi
- ✓ 5 Bariyerli özel tasarım conta
- ✓ Isı köprüsü oluşturmayan özgün tasarım

- ✓ %100 Customer satisfaction
- ✓ Optional structure
- ✓ Durable and light weight frame
- ✓ Ergonomic and economical
- ✓ Specially designed case
- ✓ 5 Barrier special design gasket
- ✓ Unique design without heat bridge

- ✓ %100 Удовлетворение потребностей клиентов
- ✓ Опциональная структура
- ✓ Прочные и легкие корпуса
- ✓ Эргономичный и экономичный
- ✓ Специально разработанный корпус шасси
- ✓ 5-и ступенчатая конструкция уплотнения
- ✓ Оригинальный дизайн для предотвращения возникновения тепловых мостов



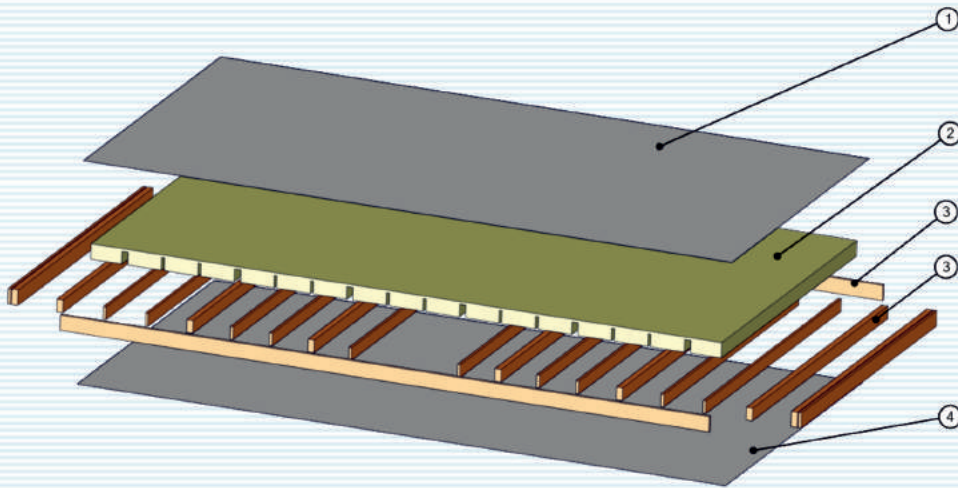
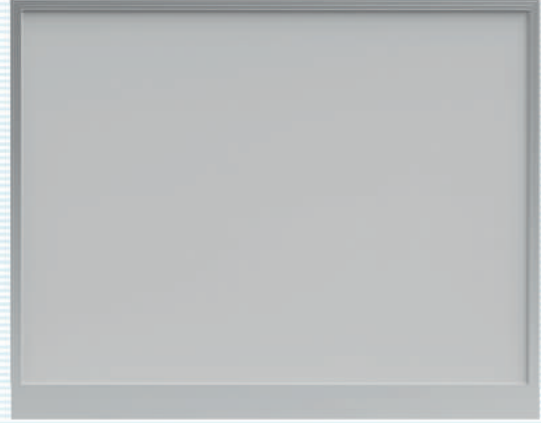
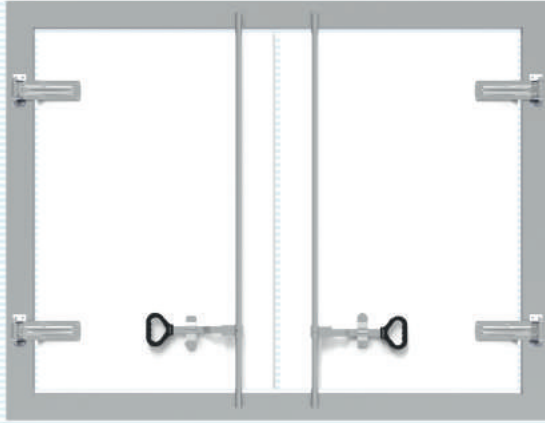
Ölçüler - Dimensions

Габаритные размеры

2350 X 1500 X 1210 mm

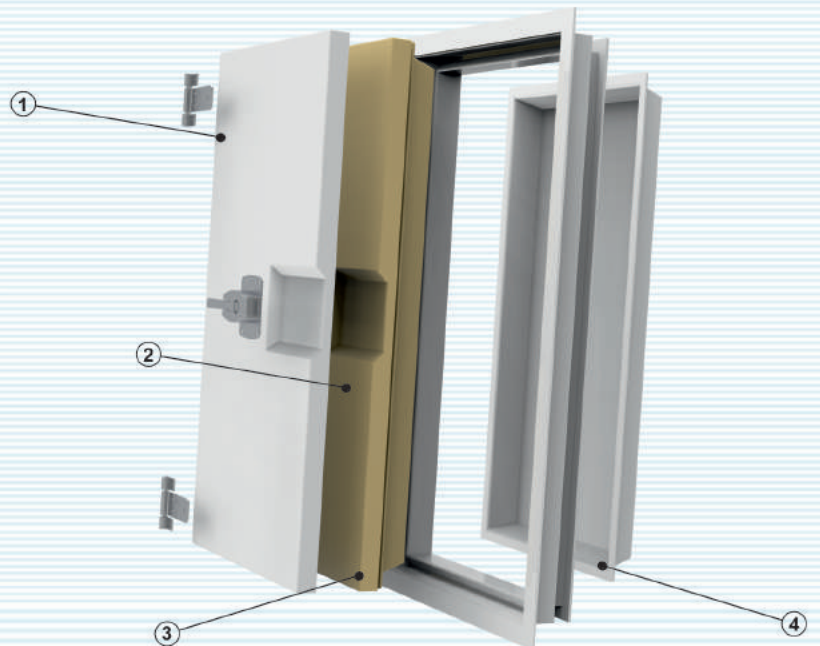


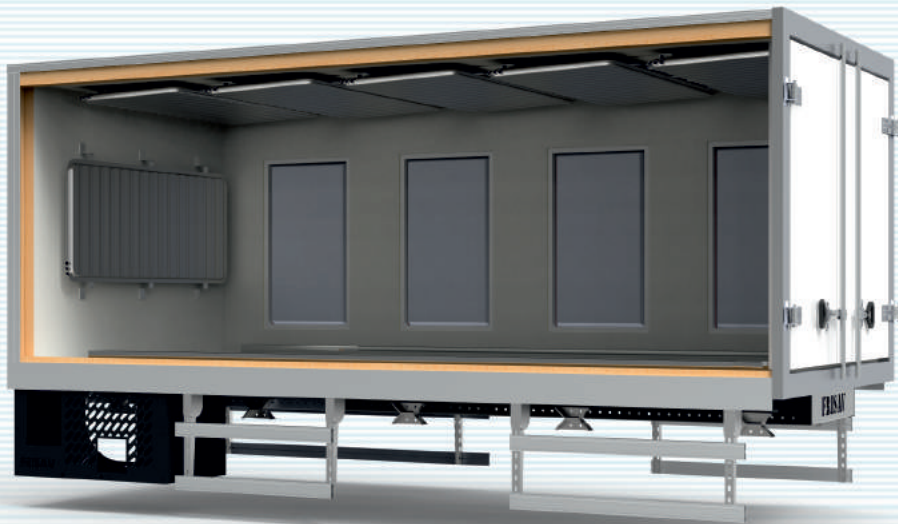
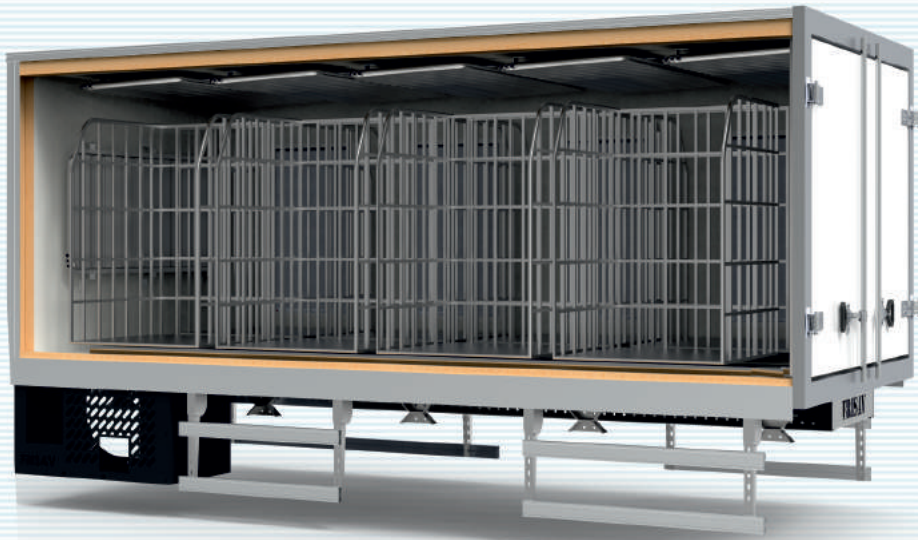
ARKA KAPAK MODELLERİ



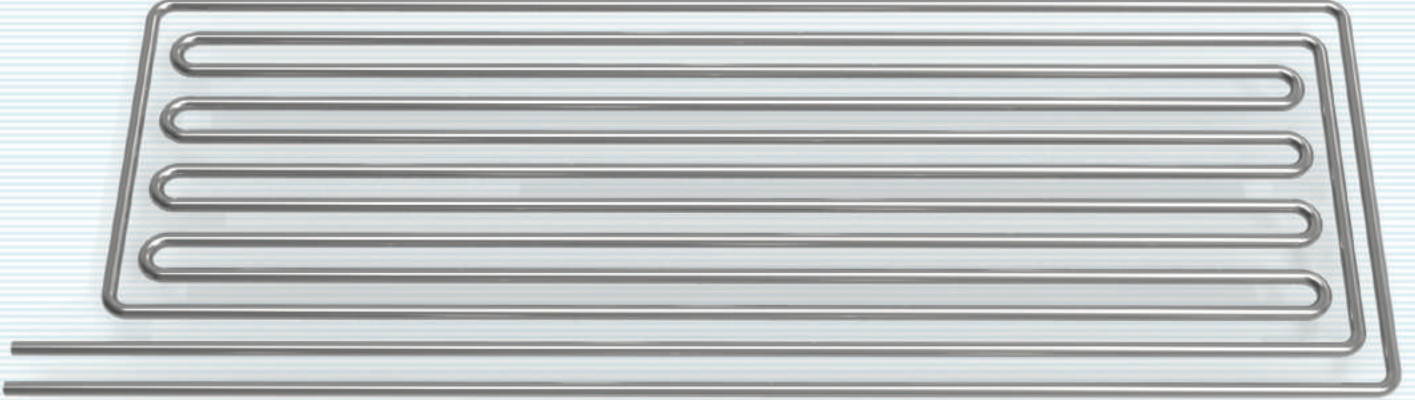
PANEL DETAILS		
1	Inner Coating	GRP
2	Isolation	PU
3	Frame	Plywood
4	Outer Coating	GRP

DOOR DETAILS		
1	Inner Coating	GRP
2	Isolation	XPS
3	Frame	Plywood
4	Outer Coating	GRP





EUTECTIC PLATE



Eutectic Plate Systems

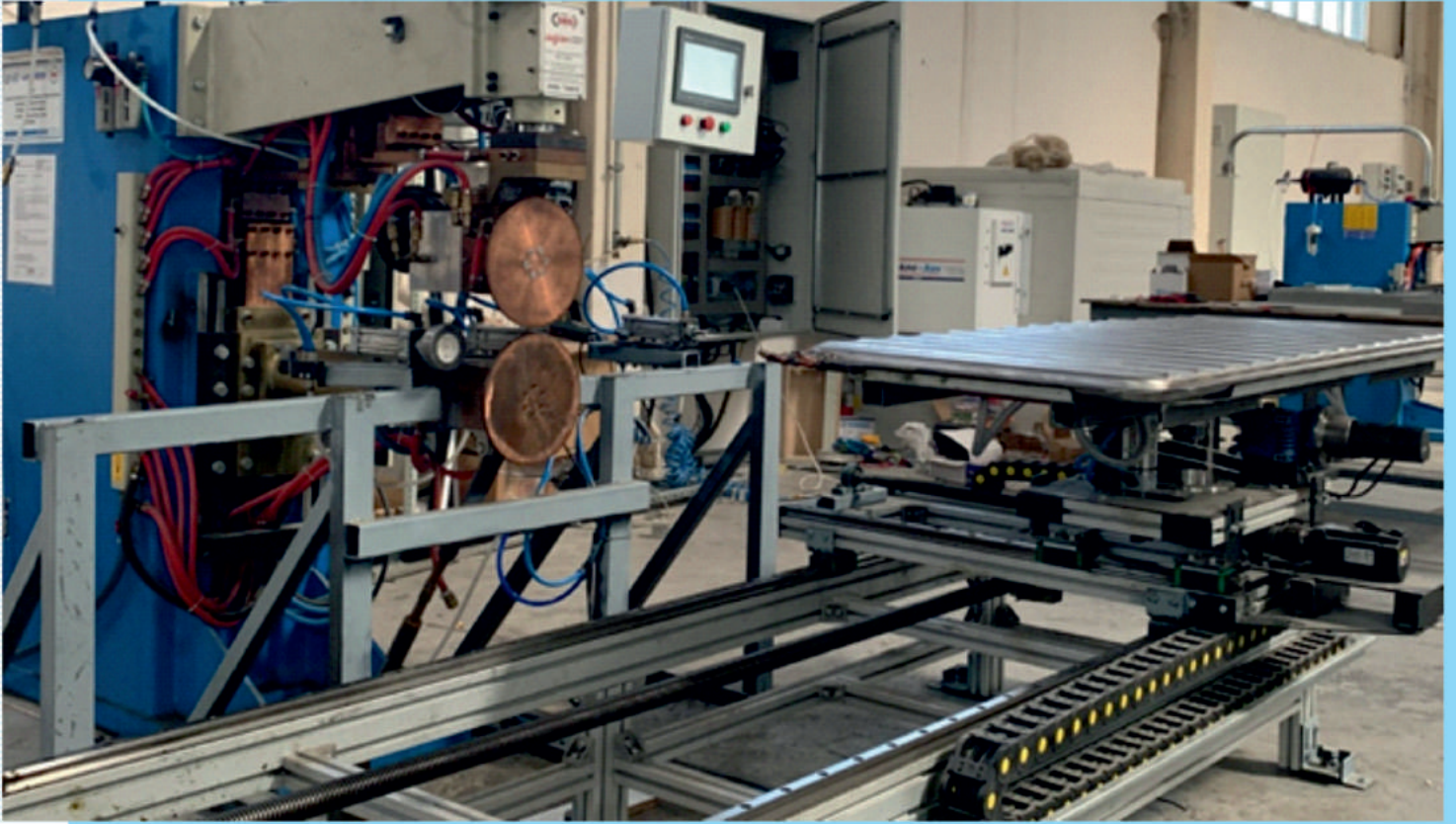
'Eutectic Cooling' systems have been developed to maintain continuous energy efficiency for low temperature transport and distribution of products such as ice cream and frozen foods.



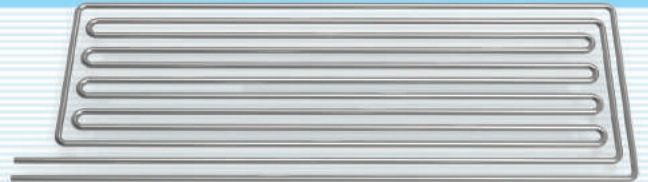
Eutectic Systems are considered to have the highest performance technology among existing systems. Since eutectic systems can be used in a wide range of temperature ranges, besides frozen foods they are also important in the transportation of fresh products.

Models	Dimensions				Plate Surface Area (m2)	Evaporator		Solution -4 Solution -4		Solution -11 Solution -11		Solution -23 Solution -23		Solution -33 Solution -33	
	AXBXS (mm)					Lenght (m)	Volume (dm3)	Energy (Wh)	Weight (Kg)	Energy (Wh)	Weight (Kg)	Energy (Wh)	Weight (Kg)	Energy (Wh)	Weight (Kg)
FRS 1650	1585	485	54	1,84	12,8	2,56	2020	55	2200	54	2340	55	2100	59	
FRS 1757	1740	690	53	2,73	20,7	4,14	2750	82	3150	81	3450	83	3291	88	

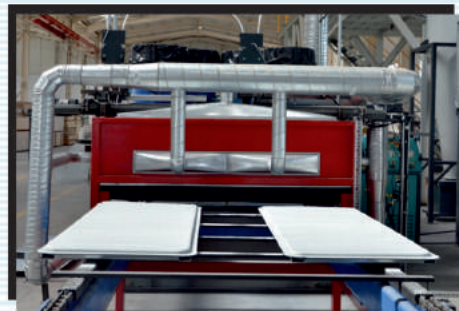
Savaslar Eutectic Plates are formed by filling a special 'Frost-Melting' solution at a constant temperature into two special alloyed steel shells shaped by cold pressing.



In order to freeze the solution, the refrigerant is in a specially designed steel coil for eutectic systems.



The exterior surfaces of the eutectic plates are coated with zinc or aluminum with a specially designed automation system.

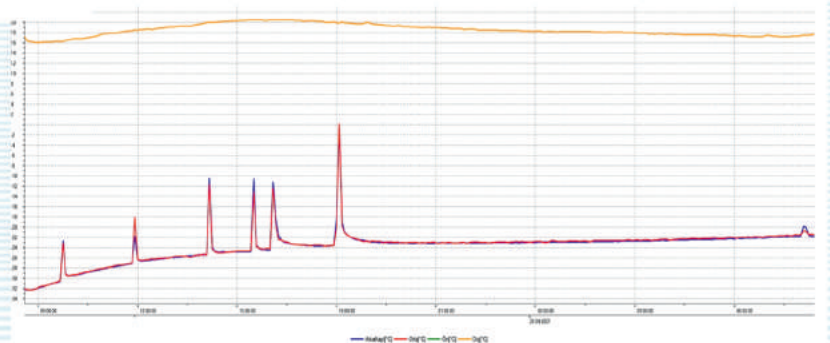
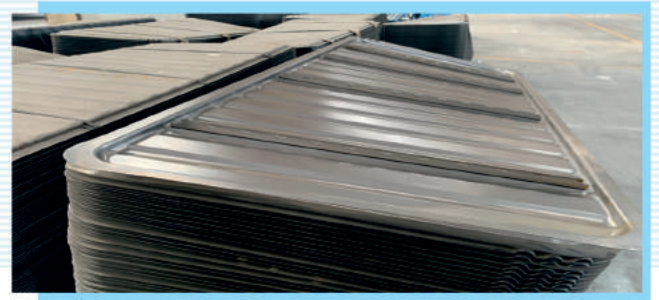
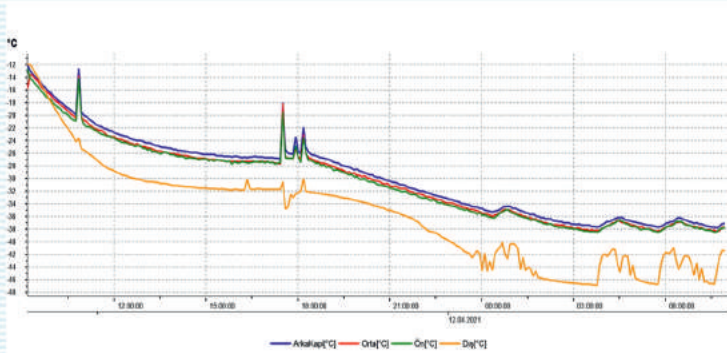


Savaslar mounts eutectic plates on the roof of the vehicle body. Stainless bolts, bolt nuts, anti-vibration materials and custom made support aluminum profiles are used for mounting the plates.



Energy Storage Process on Eutectic Plates

The charging of the eutectic plates is done when the vehicles are not running. With a special designed cooling unit, the plates keep the cold energy. The system is operated by connecting to power supply of cooling unit and special designed solution is frozen at the desired temperature by circulating the serpentine inside the refrigerant-fluid plates, allowing the vehicle body to reach the desired temperature.



FRISAV®

FRİGORİFİK ARAÇ KASASI UZMANI

Expert of Refrigerated Vehicle Solutions

TSEK

TSE-HYB

URS
ISO 9001

CE

PG

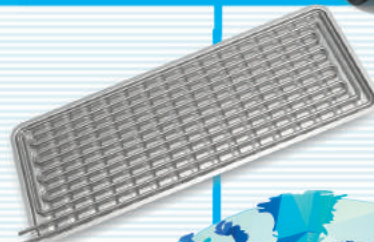


www.savaslar.com

Tekno Sav

ENDÜSTRİYEL SOĞUTMA UZMANI

PANEL SAV



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