



EUTECTIC
REFRIGERATION
MASTERY

MADE IN TURKEY SINCE 2000

EUTECTIC PLATES



ATC LTD STI - Eutectic Refrigeration Division

STAINLESS STEEL AND ZINC COATED
CHOOSE YOUR BEST USE

EUTECTIC PLATES

The best way to distribute ice cream, frozen and fresh food.

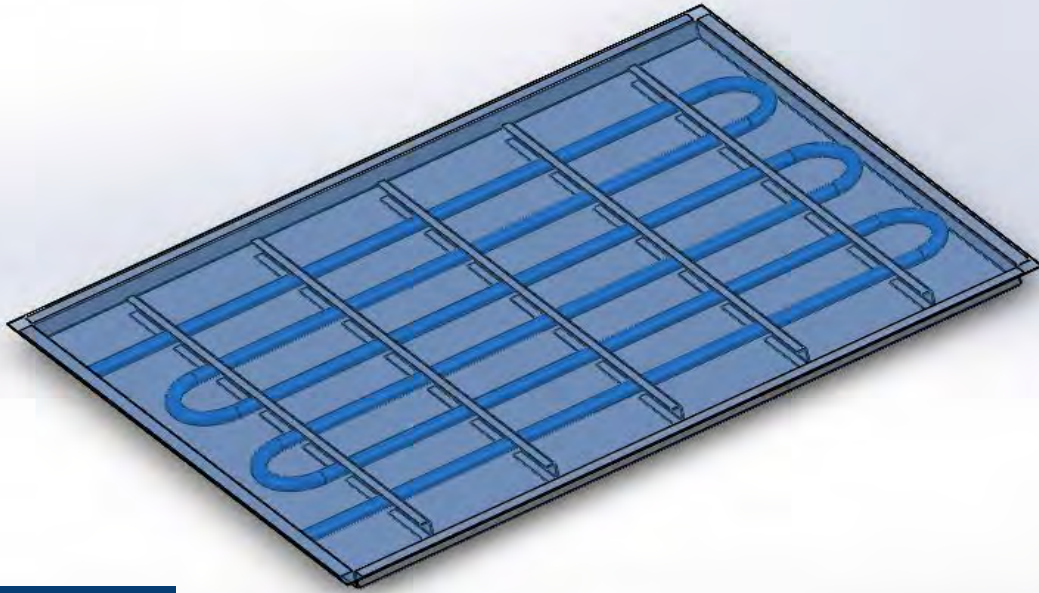
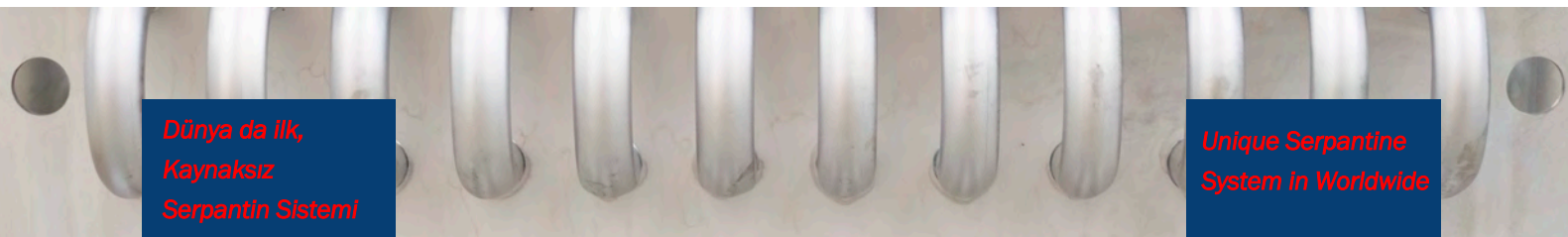
Low temperature transport and distribution of ice-cream and frozen food.



*Ötektik plakalar kasaların tavanına monte edilmektedir.
Eutectic plates installed on the ceiling of the body*

Eutectic refrigerated bodies are acknowledged on the market as **the most performing technology** and more and more are recommended as the right solution for the **multi-temperature** requests as well as for **fresh food** deliveries.

ATC eutectic plates are mainly installed by companies skilled in providing insulated bodies with cooling equipment.



Soğuk Sevkiyat Araçları
Refrigerated Truck Bodies



WHAT ARE EUTECTIC PLATES ?

ATC eutectic plates consists of two alloyed steel cold formed and moulded, containing a special solution that freezes and melts at a constant temperature (eutectic point).

The external surface of the steel is covered with Thermal metalization with Alu-zinc sprayed by a special designed robot.

Inner Serpantine system without welded innovated by ATC in worldwide and Unique system.

Models

EUTECTIC PLATES									
Models		Dimensions (mm)			Surface	Evaporator		Solutions Down to (-40°C)	
Type	Codes	Length	Width	Height	(m ²)	Length (m)	Volume (dm ³)	Accum. (Wh)	Weight (kg)
Standard	T-EFR 750	700	690	50	0,52	9,0	3,06	2160	29
	T-EFR 1370	1290	690	50	2,07	15,3	3,06	2160	57
	T-EFR 1570	1440	690	50	2,38	17,6	3,52	2890	72
	T-EFR 1670	1590	690	50	2,55	18,8	3,76	3100	77
	T-EFR 1757	1730	690	50	2,73	20,7	4,14	3300	85
Narrow	T-EFR 1370-S	1290	490	50	1,20	12,8	2,63	2100	38
	T-EFR 1570-S	1440	490	50	1,86	18,6	3,42	2890	44
	T-EFR 1670-S	1590	490	50	2,55	18,8	3,76	3040	54
	T-EFR 1757-S	1730	490	50	2,62	20,8	3,31	3100	62
Flat	EFR-FLAT 640	630	400	26	0,75	6,2	1,12	1010	25
	EFR-FLAT 763	770	630	26	0,95	6,8	1,28	1380	30
	EFR-FLAT 850	795	490	26	0,94	6,5	1,32	1020	28
	EFR-FLAT 1440	1480	400	26	1,62	12,2	2,85	1440	42
	EFR-FLAT 1663	1660	630	26	2,12	15,6	3,75	1610	54

INSTALLATION AND SUPPORTS

ATC recommends the installation of eutectic plates on the ceiling of the body.

Specific supports made of Aluminium or steel profiles with bolts and nuts and special anti-skidding rubber are recommended for the installation.

Ötektik dağıtım araçları, kapıdan-kapıya
Refrigerated truck bodies, door-to-door distribution



OPERATION



The system is working on a basic principle: **the cold is accumulated during the night and after distribution done.** An electrical power supplied cooling unit freezing the eutectic systems. The eutectic solution, while melting, returns the cold balancing the thermal dissipation of the body and the doors openings.

Product is preserved at the correct temperature according to EU regulations.

ATC - ISI DEĞİŞİM USTASI

ATC – EUTECTIC REFRIGERATION MASTERY

ATC dünyanın önde gelen ötektik plaka üreticisidir.

20 yılı aşkın süredir şirket, plakaların üretimini ve ötektik çözümü uygulamak ve optimize etmek için araştırma ve geliştirmeye yatırım yapıyor.

Özel tasarlanmış makinelere ve robotlara sahip son derece otomatik bir hat, ATC'nin 60'den fazla ülkedeki müşteriler için ötektik plaka taleplerini karşılamasına olanak tanır. Dünyanın önde gelen soğutmalı kasa üreticileri, düşük tüketimle yüksek performans elde etmek ve gıda maddelerinin (gıda soğuk zinciri) dağıtımında soğuk zincir için kaliteyi garanti etmek için giderek daha gelişmiş çözümler önermek için ATC ile birlikte çalışmaktadır.

ATC LTD. STI. is world main manufacturer of eutectic plates.

More than 20 years the company invests in research and development to improve and optimize the production of the eutectic plates and the eutectic refrigeration solutions.

ATC has advanced production line with robotic tools and automated machineries. **ATC able to fulfill demands of customers far more than 60 countries.**

In worldwide manufacturers of refrigerated bodies work together with ATC to get the most innovated solutions and to get high performances with low consumption to ensure quality for the supply cold chain.

ötektik plaka üretildi

Eutectic plates produced

120.000

Üretim alanı

Production area **20.000 m²**





**EUTECTIC
REFRIGERATION
MASTERY**

MADE IN TURKEY SINCE 2000

ATC LTD STI

Yeni Mah. 4386 Sk. No:2/1A,
Sarıçam, Adana, Turkey

Tel. +90 322 459 0660
info@eutectic.com.tr

www.eutecticplates.com