

OUR HISTORY

Gemak was founded as a constractor serving company in HVAC industry in 1966. Our journey started in a small workshop in Istanbul.

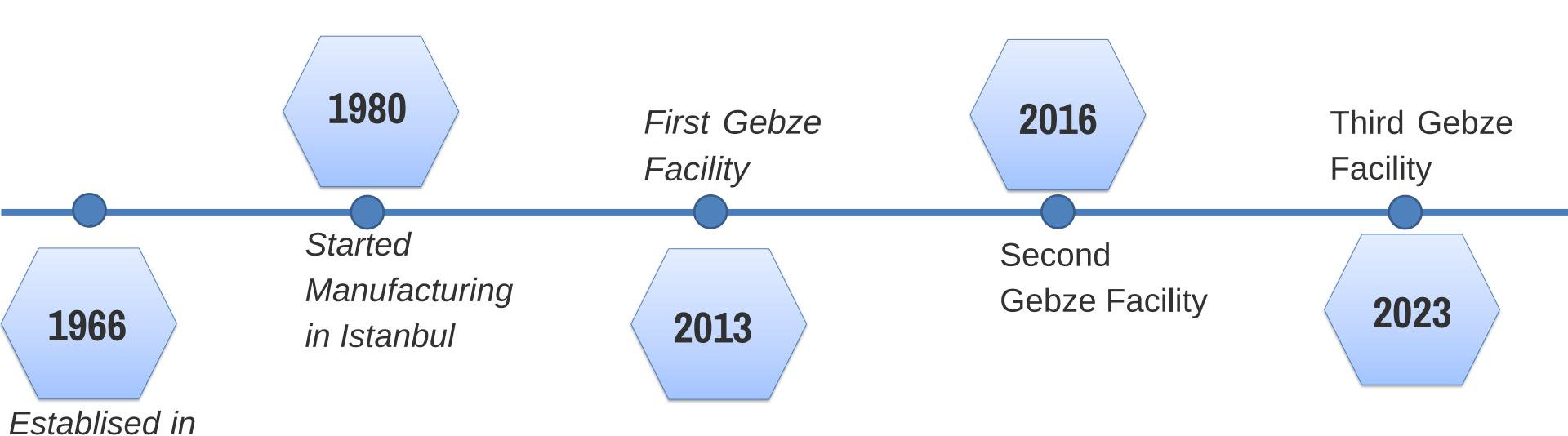
After 1980, Gemak started manufacturing finned tube heat exchangers and became one of the biggest manufacturer in HVAC industry in Turkey.

Gemak is still producing high quality products in three facilities located in Gebze Industrial Zone.



TIME LINE

Kayseri



Our production facility is based in Gebze Industrial Zone.

Starting with a small unit in Tuzla İstanbul, our growth has enabled us to manufacture in 3 plants covering over 40000m². Our aim is to create the safest and cleanest working conditions for all our employees. Total number of employees will be around 400 when plant 3 starts operation.



BENEFITS & GOALS

Benefits of Working With GEMAK

- Large production capacity
- •Extensive product range
- •Custom made products for exact needs
- Short Lead Time
- Competitive prices
- •Over 50 years of experience
- Product configurator system on our website

DOMESTIC SALES 40% •INTERNATIONAL SALES

DOMESTIC SALES

OUR GOALS

- •Finding new solutions for all customer requirements with experienced R&D engineers
- •Increasing the international sales with long term collaborations.
- •Creating more comfortable and safer working areas for our employees.

INTERNATIONAL SALES 60%

OUR PRODUCT RANGE







Evaporators & Coolers





Dry Coolers



Heat Recovery Units

HEAT EXCHANGERS







DX COILS

CONDENSER COILS

FAN COILS

WATER COILS

Production is based on customer requests such as different size, capacity or temperature. Required products are selected by our experienced engineers.

- » Fins can be produced in aluminium, epoxy coated aluminium or copper.
- » End plates are produced from galvanized steel as standard. Upon to the request, they can be produced by stainless steel or aluminium.
- » Helium leak test is applied to all products that fit in the helium test cabinet. Other products are tested with nitrogen in the test pool.



DRY COOLERS

GKS Series Flat-Vertical Type Dry Coolers

By using the external ambient air, Dry Coolers are manufactured for the purpose of Cooling the process water. They are designed in horizontal or vertical.

All range of Gemak Condensers are suitable to work at external environmental conditions. They have been designed to be used at air conditioning facilities with Fre-on Gassed Cooling.

- » 5/8" Copper Tube (staggered), aluminum fin (corrugated surface), galvanized steel and steel manifold is used in Standard Gemak production.
- » According to the usage Upon to the request, epoxy fin, electrostatic powder dye, stainless steel and a copper manifold can be used.
- » Ø630 and Ø800mm triphaze Fan Motors areused in Standard Gemak Production.
- » All Models can be produced in accordance for installation,appropriate to the horizontal air flow (vertical type, D) and appropriate to the Vertical air flow (horizontal type, Y)



HEAT RECOVERY UNITS



Heat Recovery
Coils



Horseshoe Type Heat
Pipe Heat Recovery
Coils

EVAPORATORS/COOLERS

MARKET CABINET COOLERS

Production is based upon on customer requests.

- » ½" and 5/8" copper tube is used.
- » Plain tube is used in Standard production. Upon on request; inner-grooved tube can be used.
- » Fin Spacing is in between 4mm-10mm. Upon on request; Hydrophilic fin can be used.
- » Casing; aluminium steel is used.
- » Products are tested in our Helium Test Chamber facility before being delivered to our Clients.
- »Lenght of the units can go up to 4 meters



EVAPORATORS/COOLERS

Standard GNE SERIES Room Coolers

Complete range of Gemak Unit Coolers, have been designed to get high efficiency in freon gassed trade and industrial unit cooler facilities.

» GEE Series Unit Coolers are produced from 3/8" -1/2" Copper Tube.

» Fin Spacing; is in between 4 mm-8 mm.

» Casing is painted with the electrostatic powder dye. The casing can be produced in stainless steel upon request. Side panels and drain pan are designed to open & close easily for installation and maintenance.

- » Products are tested with Nitrogen Gas under 25 BAR pressure and will be delivered with low pressure Nitrogen.
- » EBM or equivalent axial fans are used upon on request.
- » Defrost heaters are not placed in to the unit coolers, which works under the standards of SC1 conditions.
- Unit Coolers works Under the SC 2 conditions, heater placed to the body.
- Unit Coolers works Under the SC 3- SC 4 conditions, heater placed both to the body and to the pan.
- Catalogue Capacities are suitable to the Eurovent Conditions and R404A gas.



EVAPORATORS/COOLERS

Single Blower Corner-Ceiling Type GDT Coolers

Complete range of Gemak Unit Coolers have been designed to get high efficiency in freon gassed trade and industrial unit cooler facilities.

- » Ceiling type unit coolers are composed of two Series.GTT and GDT.
- » GTT type of unit coolers can be mounted in to ceiling and offer double-blowing.
- » GDT Type of unit coolers can be mounted both ceiling and wall, and they offer one way blowing.
- » Fin Spacing; is in between 4 mm-8 mm. ½" copper tube is used.
- » Casing is painted with the electrostatic powder dye. The casing can be made by stainless steel upon request. Side panels and drain pan are designed to open-close easily for installation and maintenance.
- » Products are tested with Nitrogen Gas under 25 BAR pressure; will be delivered with low pressure

Nitrogen.

- » EBM or equivalent axial fans are used upon on request.
- Catalogue Capacities are suitable to the EUROVENT Conditions and R404A gas.

AIR COOLED CONDENSERS

GETBOX Condensing Units Without Compressor

GETBOX closed type condensing without compressor units are manufactured for cooling and air conditioning process.

At the same time it helps manufacturers to form their own condensing groups.

Cabins are designed suitable for hermetic, scroll and semi-hermetic compressors. Cabins are produced by painted galvanised sheet with the color as standard Ral 9016 ESP.

Coils produced by aluminium corrugated fins and in form staggered geometry which uses with high efficiency copper pipes.

Products are designed suitable for ;Ø500mm fans. Besides values with standard and low fan level options can be seen on catalog page.



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Products are designed suitable for ; Ø350mm , Ø400mm , Ø450mm , Ø500mm fans. Besides values with standard and low fan level options can be seen on catalog page.



DIE GEOMETRY	D	Т	R	TUBE THICKNESS	FIN PITCH	FIN THICKNESS	TUBE PATTERN	FIN PROFILE
25x12.5	5/16"	25	12,5	0,28 - 0,30 - 0,35 smooth 0,36 grooved	1,6 to 4mm	0,10 - 0,12 - 0,15	STAGGARED	P,C
25x12.5	3/8"	25	12,5	0,28 - 0,30 - 0,35 - 0,40 smooth 0,36 grooved	1,6 to 4mm	0,10 - 0,12 - 0,15	STAGGARED	P,C
25x22	7mm	25	21,65	0,28 - 0,30 - 0,35 smooth	1,6 to 5mm	0,10 - 0,12 - 0,15	STAGGARED	P,C
25x22	5/16"	25	21,65	0,28 - 0,30 - 0,35 smooth 0,36 grooved	1,6 to 4mm	0,10 - 0,12 - 0,15	STAGGARED	P,C
25x22	3/8"	25	21,65	0,28 - 0,30 - 0,35 - 0,40 - 0,50 smooth 0,36 grooved		0,10 - 0,12 - 0,15	STAGGARED	P,C,L
25x25	5/16"	25	25	0,28 - 0,30 - 0,35 smooth 0,36 grooved	1,6 to 6mm	0,10 - 0,12 - 0,15	INLINE	P,C
25x25	3/8"	25	25	0,30 - 0,40 - 0,50 smooth 0,35 grooved	1,6 to 7mm	0,10 - 0,12 - 0,15	INLINE	P,C
32x28	3/8"	32	27,71	0,32 - 0,35 - 0,50 - 0,70 smooth 0,36 grooved		0,15 - 0,18 - 0,20	STAGGARED	P,C
32x28	12 mm	32	27,71	0,30 - 0,32 - 0,35 smooth	1,6 to 6mm	0,10 - 0,12 - 0,15 - 0,18	STAGGARED	P,C
32x28	1/2"	32	27,71	0,32 - 0,35 - 0,50 - 0,70 smooth 0,36 grooved	1,8 to 6mm	0,10 - 0,12 - 0,15 - 0,18	STAGGARED	P,C
35x35	1/2"	35	35	0,32 - 0,35 - 0,50 smooth 0,36 grooved	2,1 to 8mm	0,12 - 0,15 - 0,18 - 0,20 - 0,25	INLINE	P,C
40x35	1/2"	40	34,64	0,32 - 0,35 - 0,50 smooth 0,36 grooved	1,8 to 10mm	0,12 - 0,15 - 0,18 - 0,20 - 0,25	STAGGARED	P,C
40x35	5/8"	40	34,64	0,38-0,40-0,50- 0,70 smooth	1,8 to 10mm	0,12 - 0,15 - 0,18 - 0,20 - 0,25	STAGGARED	P,C
50x25	1/2"	50	25	0,32 - 0,35 - 0,50 smooth 0,36 grooved	2,1 to 8mm	0,12 - 0,15 - 0,18 - 0,20	STAGGARED	P,C
50x25	5/8"	50	25	0,38-0,40-0,50- 0,70 smooth	2,1 to 9mm	0,12 - 0,15 - 0,18 - 0,20	STAGGARED	P,C
50x50	1/2"	50	50	0,32 - 0,35 - 0,50 smooth 0,36 grooved	2,1 to 10mm	0,12 - 0,15 - 0,18 - 0,20	INLINE	P,C
50x50	5/8"	50	50	0,38-0,40-0,50- 0,70 smooth	2,1 to 11mm	0,12 - 0,15 - 0,18 - 0,20	INLINE	P,C
60x30	5/8"	60	30	0,38-0,40-0,50- 0,70 smooth	2,1 to 12mm	0,12 - 0,15 - 0,18 - 0,20 - 0,25	STAGGARED	P,C
60x60	5/8"	60	60	0,38-0,40-0,50- 0,70 smooth	2,1 to 13mm	0,12 - 0,15 - 0,18 - 0,20 - 0,25	INLINE	P,C

ALL GEMAK PRODUCTS ARE CERTIFIED BY





ISO 9001:2015'e göre yönetim sistemi

Belgelendirme prosedürleri doğrultusunda ve düzenlemeler ile uyumlu uygulamaların kanıtlanması ile

GEMAK GENEL SOĞUTMA MAKİNALARI SAN. VE TIC. A.S. G.P.O.S.B. Cumhuriyet Caddesi No: 64

41400 Gebze - Kocaeli / Türkiye Ünvanlı kuruluşun, belirtilen standarda göre, aşağıdaki geçerlilik

alanında bir yönetim sistemi uyguladığı belgelenmektedir.

ISI EŞANJÖRÜ TASARIMI, İMALATI VE SATIŞ-PAZARLAMASI

Sertifika Tescil No: TIC 15 100 117761

2020-11-13 tarihine kadar geçerli 2017-11-23 tarihinden itibaren

Tetkik Raporu No: 3330 2JGU G0

İşbu sertifikasyon TIC tetkik ve belgelendirme prosedürlerine göre gerçekleştirilmiştir ve düzenli



Gecerlilik alanı



Jena, 2017-11-23



CERTIFICATE OF COMPLIANCE

Certificate Number 20180510-SA44963 Report Reference SA44963-20171113

NAMED TO: GEMAK GENEL SOGUTMA MAKINALARI SAN VE TIC.

Gebze Plastikoller Organize Sanayi Bolgesi Cumhuriyet Cd. No: 64

This is to conflict that COMPONENT - CONDENSERS.

representative samples of REFRIGERANT, COMPONENT - EVAPORATORS, REFRIGERANT

"See Addenddum Page"

Gebze Koczeli TURKEY

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standardis) for Safety: UL 207 - Standard for refrigerant-containing components and accessories, nonelectrical

CSA C22.2 no. 140.3 - Refrigerant-Containing components for use in electrical equipment.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UI, Certification Mark should be considered as being overred by UI,'s Certification and Follow-Up Service.

The U. Recognized Component Mark persently consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate U. Directory. As a supplementary means of identifying products that have been produced under U.'s Component Recognized Component Mark. M. may be seen of component with the required Recognized Mark. The Recognized Component Mark is required when specified in the U.I. Directory preceding the recognitions or under "Markings" for the individual recognitions.







CERTIFICATE CERTIFIED N° 18.08.004

Cooling & Heating Coils / Batteries à ailettes

This document is valid at the date of tosse - Check the current validity on Discurrent validity I to date d'émission - Vainfier le validité en coure sur www.eurovent-certification.com

CEMAK CENEL SOCUTINA MAK SAN, VE TIC. A.S. 41400 KOCARU, Turkey

ECF COS; - « Casiling A Housing CoSs » in Serie at: ECF COS; - « Extremize 3 Jalentes» » exigence 3 date established date.

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Faris, 8 septembre 2020 MANACING BOARD MEMBER / MEMBRE DIRECTORS.



ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ CO103 ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ

Запистель. Обществе е асполиченной ответственностью «ЛС Компания Основной госудирственный регистрационный номер: 1107746937374. Место напождения: 105037, Российская Федерация, город Москяа, улица 3-и Парагиая, дов 9, якартира 18

Видумостадителя торговой марки GEMAK (смитря приложение №1)

SUNDAMESS, "GEMAK GENEL SOGUTMA MAKINELERI SANAVI TICARET A S.*

елофон: 79295245611, адрес электронной почты: de company2000@gwail.com

Mocro каминдония: ТУРЦВЯ, Inona Mah. Balcik Koya Yolu Untri GEPOSB Cumbusiyet Cad. No: 64 Gelot / KOCAELI

MILTERNIEANC 8418 99 100 9

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Технического регационта Таможенного союза ТР ТС 004/2011 °О безопасности изпанилального оборугования": синческого регламовта Тановизиного сонта ТР ТС 010/2011 *О безопасности машин и оборудования*; Технического регламента Тамонилного союза ТР ТС 039/2011 "Эзектроматиятная совместичесть технических средстя"

practice accountained NAN-014-06/12-CT, 015-06/12-CT, 016-06/12-CT, 017-06/12-CT, 018-06/12-CT, 019-06/12-CT, 020-26/12-СТ, 021-66/12-СТ, 022-66/12-СТ от 01.06.2017 года, выдавявах испытательной лабораторней «Серт-Тест» Общества с ограниченной ответственностью «Серт и Ки», регистрационный № РОСС RU 649(2)(О0.002; обоснования безопациости: руководства по эксплуатации; паспорта

Съема декларирования: 12

словия принския продукции в скответствии с требованиеми ГОСТ 15150-49. Срок принския (службы, годински) указан в прихигаемой к продумани медиуатационной двиументации. Стандатем, обеспечиционне соблюдение теобоминай ческих регламентов Таминизмого союза ТР ТС 664/2011 "О безописности визилиольтного оборудования"; ТР ТС 010/2011 °О безопасности машин и оборудования"; ТР ТС 020/2011 "Электромаглятная совместимость технических средств": ГОСТ 31284-2004 "Водрумоватревитизи для оромашиливая в освъемовийственных предправтий. Общее технические условия"; ГОСТ 30804.6.2-2013 "Совмостимость технических средств электромагиятных. Устойчивость к межтроматвитным помецам технических средств, применяюмых в промышленных зинда. Требевания в методы всемтаний ГОСТ 30804.6.4-2013 "Совмествность технических средств электромагантных. Электромагантных пометя от технических предств. применяемых в промыцеровых зоких. Нормы в методы вспытавий?: ГОСТ Р МОК 60204-1-2007 "Бекопасинств. матия. Электрооборудование матия в механизмов. Часть 1. Обедае требования"

Декларации о соответствии действительна с диты регистроции по 31.05.2022 включительно.



Excu Oter Oserows

Дата регистрации деклирации в соответстван 01.06.2013

OTREPETRINE: EAGE No. RU JS-TR. A301.B.06480



Certified Rows Range Macinum: 24 Tube Spacing across Coli Face (Bif) X Tube Spacing between Coli Rows (Bir): 25,000 X 21,650 Tube Internal Construction: Smooth

Manufacturing Location: Kocaeli Turkey Fin Configuration : Corrugated Rutings generated using the following shall be in accordance with the latest edition of AHFS Standard 410 Forced-Circulation

Cooling and Air-Heating Colle and subject to rating accuracy by AHFI-eponeous, independent, third party heating

Software Name: Unitab Colls Software Version: Ver 8.0 build 200701

'Active' Model Datus are those that an APRI Certification Program Perfoquent is currently producing AND wating or othering for make, Off new models that are being wheted but are not not being produced "Production Storped" Model Datus are those that on APRIC Certification Program Perfoquent is no brown producing DUT in will

@2020Air Conditioning, Heating, and Refrigeration Institute

CERTIFICATE NO.:

SOME OF OUR BUSINESS PARTNERS





















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