

# CONDANSER UNITS



# CONDANSER MODELS

## COMMERCIAL TYPES :



- We have two series types. TCA and TCB
- Due to its wide range, it appeals to many different application areas.
- Cold rooms, cooling cabinets, bottles, aisles, industrial kitchen cabinets, air conditioning applications are only some of the application areas.
- The capacity range is from 0,6 to 133 kW.

# CONDANSER MODELS



## INDUSTRIAL TYPES :

- We have two series types. TUB and TUD
- They are air-cooled condensers that offer professional solutions for industrial cold room and air-conditioning applications, and are designed with efficiency and aesthetics in mind.
- Copper pipes are used in diameters suitable for different usage conditions. The products are manufactured with 2.1 or 2.5 mm lamella spacing options. The maximum working pressure is 28 bar.
- Capacity Range is from 17 to 1.290 kW.



# EVAPORATOR UNITS

# EVAPORATOR MODELS

## GENERAL FEATURES :



- Our products are designed to achieve high efficiency for use in commercial and industrial cold rooms with Freon gas.
- Nominal capacities are calculated for R404A gas in SC1-SC2-SC3-SC4 and Sc5 conditions, taking into account Eurovent (EN 328) standards.
- The number of fans is determined according to the desired air circulation and cooling capacity in the Cold Room.
- In our standard coolers, sheet metal cabinets are electrostatic powder painted. Cabinets can be manufactured from stainless steel upon request.

# EVAPORATOR MODELS

## GENERAL FEATURES :

- The cooling capacities of the products vary depending on the difference between the room temperature  $T_r$  and the evaporation temperature  $T_e$  ( $\Delta T = T_r - T_e$ )
- Fin material is aluminum, thickness is 0.20 – 0.25 mm. The distance between the fins are available 4-6-7-8-10 and 12 mm.
- Maximum allowable working pressure  $P_s=22$  Bar.
- Suitable for working with R404A, R507, R134A, R407C, R407, R22, R407A, R449A refrigerants..
- Casing is painted RAL 9016 on galvanized steel.



# EVAPORATOR MODELS



## **EVAPORATOR TYPES : (STANDART CUBIC TYPE)**

➤ TEA 40x35 Geometry 1/2"; 0,35 mm. Copper tubes

Fans from  $\varnothing$ 300 up to  $\varnothing$ 500 mm. Maksimum quantity 5 peices.

Fins distance between 4, 6, 8 and 10 mm.

➤ TEB 32x28 Geometry 3/8"; 0,35 mm. Copper tubes

Fans from  $\varnothing$ 300 up to  $\varnothing$ 500 mm. Maksimum quantity 3 peices.

Fins distance between 4 and 6 mm.

➤ TEH 56x48,5 Geometry 1/2"; 0,35 mm. Copper tubes

Fans from  $\varnothing$ 300 up to  $\varnothing$ 500 mm. Maksimum quantity 5 peices.

Fins distance between 6, 8 and 10 mm.





# EVAPORATOR MODELS



## **EVAPORATOR TYPES : (SINGLE FLOW SLOPING TYPE)**

➤ TSA 40x35 Geometry 1/2"; 0,35 mm. Copper tubes

Fans from  $\varnothing$ 250 up to  $\varnothing$ 400 mm. Maksimum quantity 4 peices.

Fins distance between 4, 6 and 8 mm.

➤ TSB 32x28 Geometry 3/8"; 0,35 mm. Copper tubes

Fans from  $\varnothing$ 250 up to  $\varnothing$ 400 mm. Maksimum quantity 4 peices.

Fins distance between 4 and 6 mm.



# EVAPORATOR MODELS

## EVAPORATOR TYPES : (DOUBLE FLOW CEILING TYPE)

➤ TDA 40x35 Geometry 1/2"; 0,35 mm. Copper tubes

Fans from  $\varnothing 300$  up to  $\varnothing 500$  mm. Maksimum quantity 4 peices.

Fins distance between 4, 6 and 8 mm.

➤ TDA L 40x35 Geometry 1/2"; 0,35 mm. Copper tubes

Fans from  $\varnothing 350$  up to  $\varnothing 500$  mm. Maksimum quantity 4 peices.

Fins distance between 4, 6 and 6 mm.

➤ TDB 32x28 Geometry 3/8"; 0,35 mm. Copper tubes

Fans from  $\varnothing 250$  up to  $\varnothing 400$  mm. Maksimum quantity 3 peices.

Fins distance between 4 and 6 mm.



# EVAPORATOR MODELS

## BLAST FREEZER :



➤ TFH 56x48,5 Geometry 1/2"; 0,35 mm. Copper tubes

Fans 630 mm. Maksimum fan quantities 4 peices.

Fins distance between 10 and 12 mm.

Evaporator surface area between 50 m<sup>2</sup> to 280 m<sup>2</sup>

Evaporator Capacity (Sc4, Sc5) : 7.4 kW to 37 kW

Standart models.. We can design accordingly your request.

To/Te: -40°C/-45°C (To: Troom / Te: Tevaporasyon)

# EVAPORATOR MODELS

## BLAST FREEZER :



➤ TFF 56x48,5 Geometry 5/8"; 0,40 mm. Copper tubes

Fans 630 mm. Maksimum fan quantities up to 6 peices.

Fins distance between 10 and 12 mm.

Evaporator surface area between 50 m<sup>2</sup> to 480 m<sup>2</sup>

Evaporator Capasity (Sc4, Sc5) : 7.2 kW to 57 kW

Standart models.. We can design accordingly your request.

To/Te: -40°C/-45°C (To: Troom / Te: Tevaporasyon)

# EVAPORATOR MODELS



## **BLAST FREEZER :**

➤TTFH 56x48,5 Geometry 1/2 " ; 0,35 mm. Copper tubes

Fans 630 mm. Maksimum fan quantities up to 3 peices.

Fins distance between 10 and 12 mm.

Evaporator surface area between 68 m<sup>2</sup> to 320 m<sup>2</sup>

Evaporator Capasity (Sc4, Sc5) : 9.0 kW to 33 kW

Standart models.. We can design accordingly your request.

To/Te: -40°C/-45°C (To: Troom / Te: Tevaporasyon)

# EVAPORATOR MODELS



## **BLAST FREEZER :**

➤ TTF 56x48,5 Geometry 5/8 " ; 0,40 mm. Copper tubes

Fans 630 mm. Maksimum fan quantities up to 4 peices.

Fins distance between 10 and 12 mm.

Evaporator surface area between 68 m<sup>2</sup> to 420 m<sup>2</sup>

Evaporator Capacity (Sc4, Sc5) : 9.0 kW to 48 kW

Standart models.. We can design accordingly your request.

To/Te: -40°C/-45°C (To: Troom / Te: Tevaporasyon)

## OUR FACTORY



Our Factory is located in 3<sup>rd</sup>. Organized Industrial Area at KONYA, we are performing our production in 6.000 m<sup>2</sup> closed and 2.000 m<sup>2</sup> open totally 8.000 m<sup>2</sup> factory area.

## OUR FACTORY





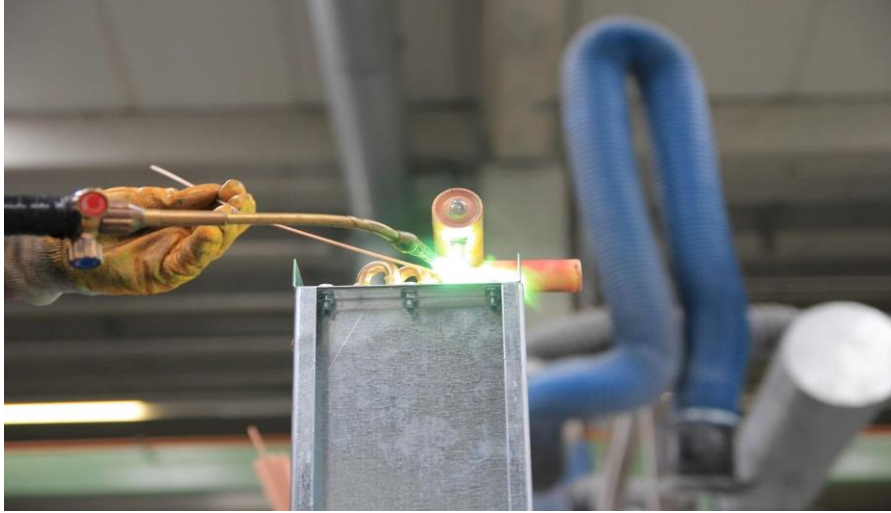
## OUR FACTORY



## OUR FACTORY



## OUR FACTORY



## SALES, PROJECT HQ & SHOWROOM

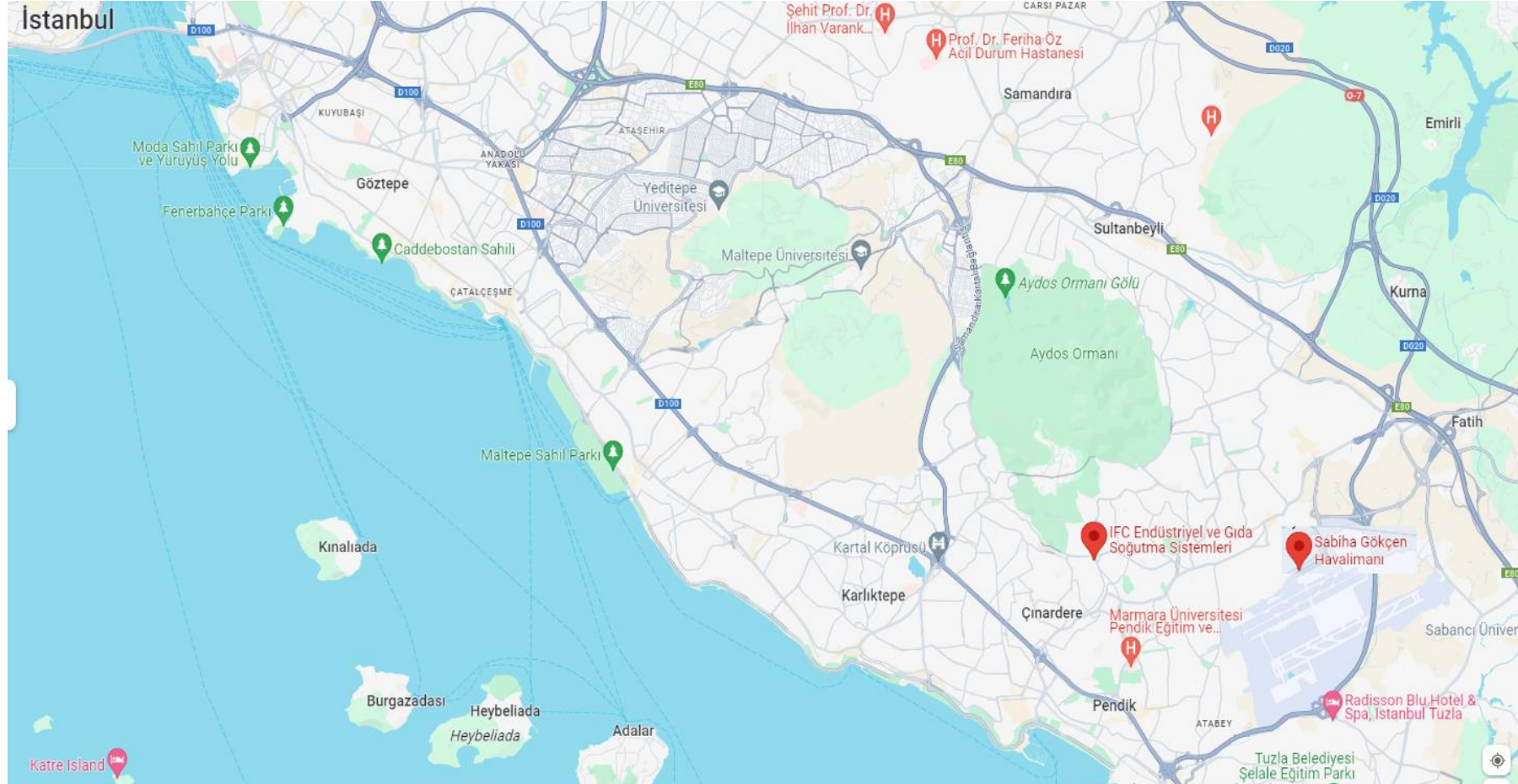


Totally 900 m<sup>2</sup> project design, warehouse, showroom, sales and marketing Head Quater office in Velibaba-Pendik/ Istanbul is 3 kms from the E-5 Pendik Bridge and 10 kms from (SAW) Sabiha Gökçen Airport.

## SALES, PROJECT HQ & SHOWROOM



## HQ's LOCATION.. Nearby SAW Airport



**YOU CAN BE REST**

**EVERYTHING  
UNDER CONTROL**