

KZC AIR HANDLING[®]
U N I T S

"for the comfort of your air"



KUZUCULAR
SOĞUTMA & MÜHENDİSLİK

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Kuzucular Engineering Heating and Cooling Systems Industry&Trade Ltd.

Our company serves in the field of air conditioning of ventilation of spaces deemed ad clean rooms such as operating rooms, intensive care units, laboratories and spaces in the electronics and food industry as well as meeting the requirements as to industrial air conditioning of ventilation of all indoor areas suchas shopping malls, factories, hotels offices, educational institutions and manufacturing planto.

Our company, fort he first time in Turkey, has realized the production of custom-designed concrete cooling groups based on spot cooling the concrete as a result of the R & D activities conducted thereby. Our company carries out meticulously all steps germane to cost assessment, providing information, projecting, offering price quotes, manufacturing, installation, commissioning and service.

Our company, having launched the commercial operations there of in january 2000, produces Standard and hygienic air handling units, water chillers, concrete cooling groups, clean room air conditioning equipments, rooftop air conditioning systemsaircleaning devices and realizes production of special orders.

Furthermore, our company, with the experienced staff thereof in its field, furnishes services such as sales, after sales service, Project and contracting forair-conditioning products such as hygienic air conditioning systems, precision-controlled air-conditioning systems, spit air conditioning systems, central air conditioning systems, chiller systems VRV air conditioning systems, spit air conditiong systems, ventilation equipments, textile air ducts, polyurethane air ducts, galvanized & stainless steelair ducts, air cleaning equipments, hepa filters, coil filters, bag filters, corbon filters, fan coils, convectors, heat recovery equipments, dehumidifiers, air curtains and indrared and radiant heaters.

We aim to be closer and provide a beter service by virtue of our meticulously prepared websites that are updated every moment. You can have information incident to our products, brads and models, perform computations of online capacity, can recelve offer, place orders, purchase and request a delivery service thanks to sharing of information provided through our company via internet.

Our services and Works are based on aesthetic appearence, high performance, affordable usage, rebustness, durability, prompt service and your esteemed satistaction.

We are conatanlty working with our technical services aiming at affiolcnay with minimum out in our products inaddition to our expert engineers closely following the latest innovations in the rapidly evolving fields of heating, cooling, ventilation and air-conditioning sectors and delivering same to you

Our Products

- | | |
|--|---------------------------------------|
| - Standard air handling units | - Mono block air conditioning systems |
| - Hygienic air handling units | -Watercooling systems |
| - Package type hygienic air handling units | - Concrete cooling systems |
| - Dehumidification units | - Fan coil systems |
| - Precision- controllied air condition systems | - Convector systems |
| - Laminar air flow units | - Automatic control systems |
| - VRV- VRF- VRS air conditioning systems | -Ventilation equipments |
| - Rooftop air conditioning systems | -Air ducts |
| - Split air conditionin systems | - Air filters |

KZC Central- Station Air Handling Units

KZC central-station air handling units are industrial air conditioners produced for providing comfort to the air by heating, cooling, humidification, dehumidification, ventilation, filtration and ventilation processes in living places such as schools, hotels, plazas, offices, shopping arcades, shopping centers, administrative buildings, hospitals, dining halls, cafeterias, kitchens, laundries, cinemas, meeting rooms, multi-purpose halls, swimming pools, libraries, shops, garages, warehouses, laboratories, factories, ateliers, workshops, restaurants, residents etc. KZC central-station air handling units have been designed by considering the requirements of the place. Where high interior air comfort is desired. They can easily carry out all interior surfaces. Installation and air central-station air handling units consist of leak-proof and washable interior surfaces. Installation and operating costs of our high efficiency central-station air handling units are very low. KZC central-station air handling units are produced with capacities varying depending on the required values.

Radial Fans

EUROVENT and AMCA certified radial fans used in KZC central-station air handling units are used with optionally forward or backward curved blades depending on the required capacity. Double suction radial fans are used with additional filtering elements. Radial fans are produced as belt-pulley driven devices with galvanized metal sheet body in spiral form. The fan rotor is statically and dynamically balanced. The electric motor is mounted on a specially designed belt tensioning mechanisms. Pulleys are equipped with conical clamping bush. The connection between fan discharge outlet and cell panel is provided by means of a connector. Fan, motor and belt tensioning mechanism are fixed on a reinforced C profile chassis. In addition, whole the moving system is mounted on spring or rubber insulators. Radial fans used in KZC central-station air handling units can be taken out from the side. In KZC central-station air handling units, frequency converters suitable or radial fan motors can be applied separately if desired. Illumination of the fan cell is provided by controlled hermetic luminaires.

Plug Fans

In our KZC central-station air handling units, optionally plug fans are preferred because of the fact that they are easy to clean and prevent accumulation of dust on the surfaces. Depending on the characteristics of air flow rate-pressure, plug fans are applied as directly coupled or belt-pulley driven