



OLGUN



Healthy Breathing,
Peace and Safe Life



OLGUN

www.olgunklima.com

Olgun Klima Ltd. Şti. carries out its activities in the air conditioning sector for more than forty years with a high quality and sustainable achievement as project, manufacturing, supply, installation and service. Our company that involved in major projects with the industry's leading companies since 1974 began operating in its facility in 1992. It was registered under the commercial title of "Olgun Klima Taah. Tur. Tic. Ltd. Şti." in 2000.

The main product categories produced under the brand of our company are as follows:

- Air Conditioning and Pool Dehumidification Plants
- Fan
- Heat Recovery Device (WAM)
- Ventilation Duct

With its global-environmentally friendly energy-saving products; manufacturing and offering safe air conditioning plants and ventilation equipment for peaceful and healthy living spaces, our company has started mass production in the new and modern facilities with 6000 m² closed area in Beşikdüzü Organized Industrial Zone.

The users of important projects successfully completed by our company within the country are the following sectors: Airports, call centers, shopping malls, hotels, hospitals, university campuses, dormitories, housing, restaurant chains, municipalities and cooperatives, and military installations.

Our company; has undertaken the various overseas projects in Georgia, Azerbaijan and Nakhchivan and successfully completed them. Furniture factory in Nakhchivan, oil platforms sandblasting and paint shops ventilation in Azerbaijan, hotels and restaurants chain works in the service sector, complete air conditioning system of a five-star hotel in Georgia are the important examples of our exports.

Olgun Klima has a qualified work team which consists of the manufacturing and installation teams of 25 people. Our company is continuing its activities with the standards of ISO 9001:2008 TSEK Quality Certificate and CE, GOST-R Certificate. Our core values are as follows;

- The importance we give to our employees,
- Sense of responsibility towards society and respect for the environment
- Quality and reliability-focused understanding of contemporary working
- Fulfillment of promises made to the customer carefully in terms of product features, quality, packaging and delivery time

Our company is ready to provide and carry out the project, consulting, manufacturing and contracting services, successfully completed within its country, in the foreign markets and especially in your country with the same eager and excitement. With our reputation as being a reliable manufacturer in Turkey, we would also like to see you among our high profile business partners in the future.

For more detailed information about our company and products, you can visit our web site **www.olgunklima.com**

If you are interested in our company and its offers, you can easily reach us through the channels below.

If you instantly reply this message, we would be happy to talk with you by phone.

HEAT RECOVERY AIR HANDLING UNITS



In the heat recovery air handling units, an efficiency of up to 65% energy recovery is realized by providing an efficient transfer between exhaust air discharged and the fresh air received.

INTERNAL STRUCTURE OF DEVICE

Optionally, a heating-cooling exchanger or DX exchanger is available in the device. There is also a self-powered plug-type fan and a self-powered ventilator. These fans are specifically determined by the capacity of each device with a computer program and provided to operate at peak efficiency. This allows the device to have less sound decibel and smaller motors. Fans are balanced and aerodynamically calculated, and vibration balancer spring wedges are used. Fan outlets are fitted with anti-vibration collectors. Fans are selected as high-efficiency so they are capable of lasting for a maximum service life.

It is a plate-type heat recovery air handling unit. The efficiency of device is 55%-65% in heating, 45%-55% in cooling.

Aluminum dampers manufactured by us are available in air inlets and outlets. Optionally, dampers provide up to 0%-100% fresh air to the device by adjusting the angle of the damper with the help of automation system.

Besides this, G4 type filter is used as filter.

EXTERNAL STRUCTURE OF DEVICE

The body of the device is anodized aluminum profile carcass. Profiles are combined from the edges with special-production plastic combination materials. Panels forming the outer body are double-hull and painted with a special epoxy paint. The outside of the body is galvanized, the inside of the body is galvanized or chromed optionally. Polyurethane or rock wool is used as the sealant of the body.

POOL DEHUMIDIFICATION UNITS



Units are single-fan and ventilator-fan can make exhaust and fresh air in single pressure circuit (capable of making exhaust and fresh air up to 40%). Optionally, the system can be used to create positive and negative pressure.

INTERNAL STRUCTURE OF DEVICE

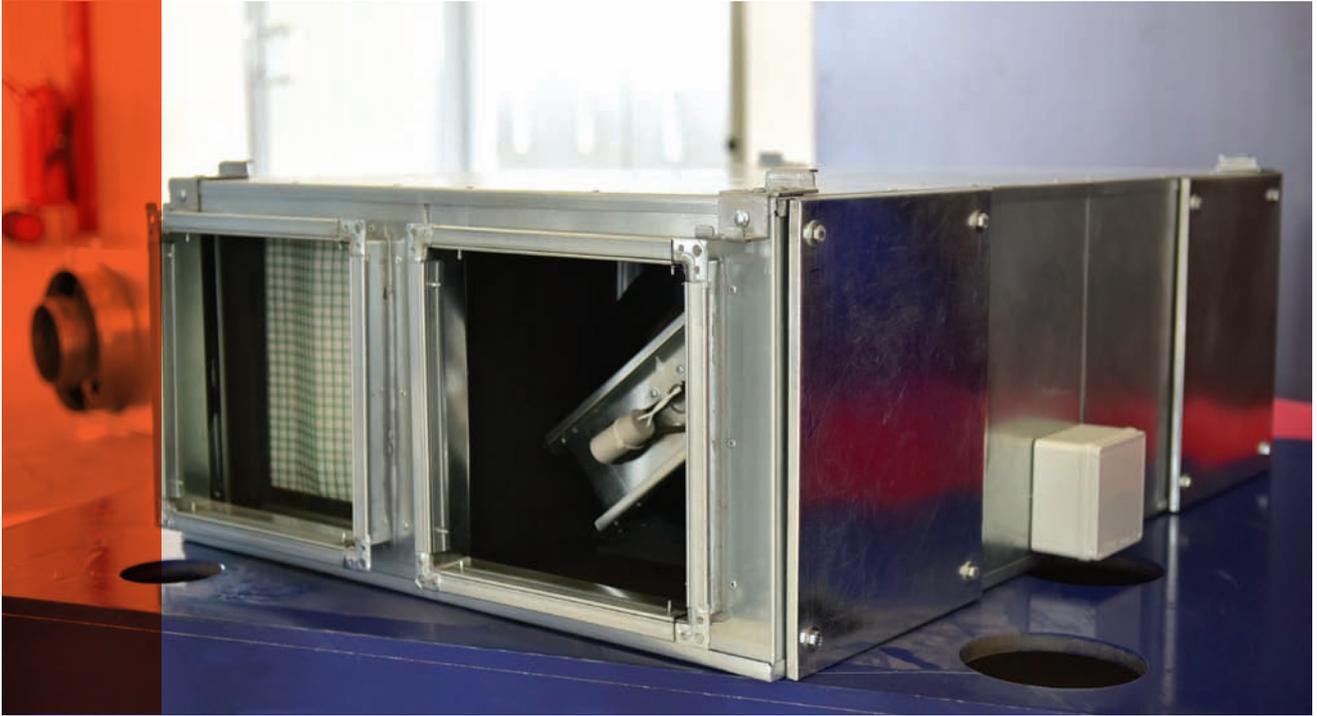
A scroll compressor evaporator, condenser and after heater are available inside of it. It has a very high moisture absorption capacity with very low energy consumption compared to its equivalents. It is plug-fan type. Its dimensions are 50% smaller than other dehumidifiers. The device is offered as compact. The automation system is also included in this. The device has A ++++ 7 class energy efficiency that is the highest energy efficiency class.

EXTERNAL STRUCTURE OF DEVICE

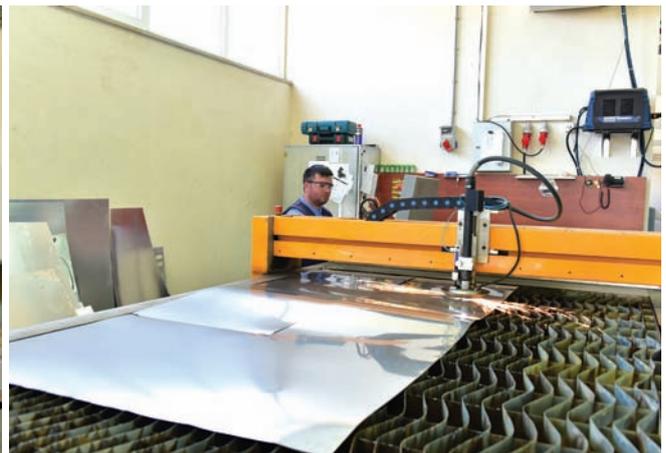
The body of the device is anodized aluminum profile carcass. Profiles are combined from the edges with special-production plastic combination materials. Panels forming the outer body are double-hull and painted with a special epoxy paint. The outside of the body is galvanized, the inside of the body is chromed. Polyurethane or rock wool is used as the sealant of the body.



CONVENTIONAL HEAT RECOVERY UNITS



Basically, heat recovery units work with a principle of adding the air energy discharged from the environment to the fresh air given to the environment. When a heat recovery unit is used in a place for the purpose of ventilation, the air cooled in the environment in summer is discharged and the fresh air to be inhaled to environment is cooled. In winter, the air heated in the environment is discharged and the fresh air to be inhaled to environment is heated. Thus, it is provided up to 70% energy saving. Heat recovery units do not use any energy source during this process and provide air to air heat recovery.



NEW GENERATION HEAT RECOVERY UNITS

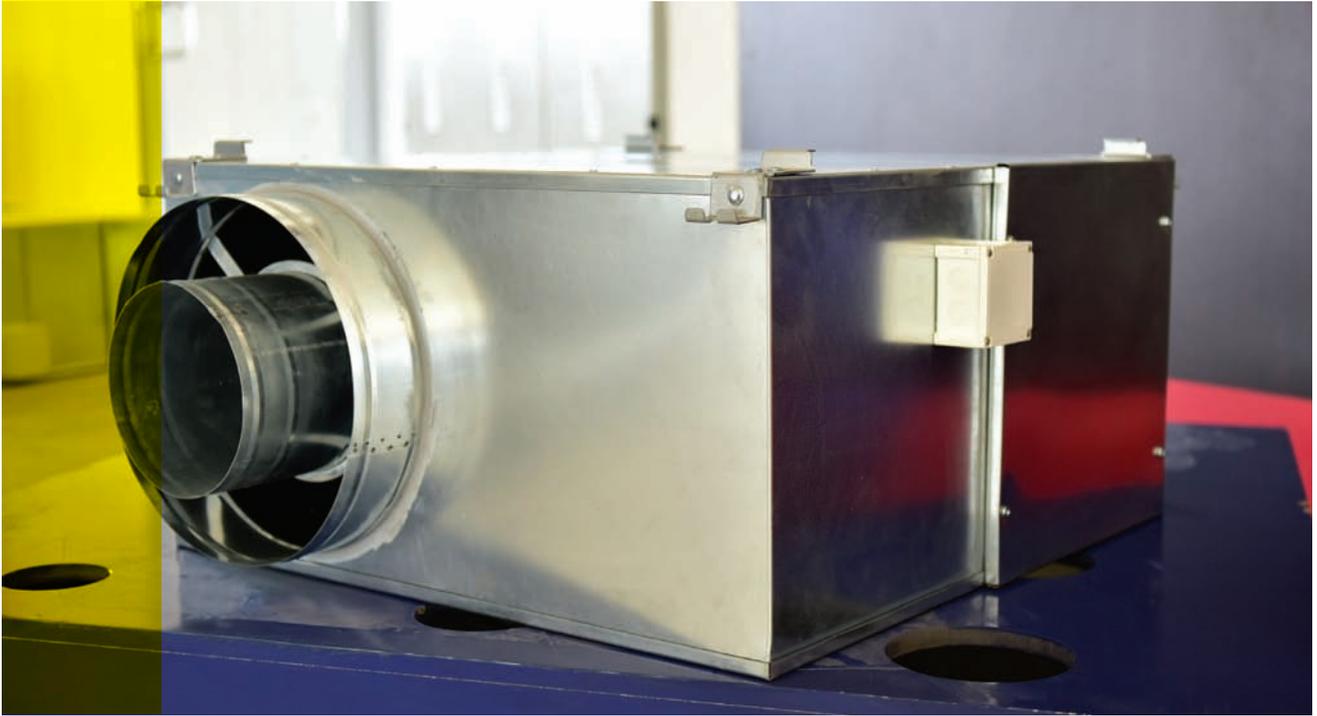
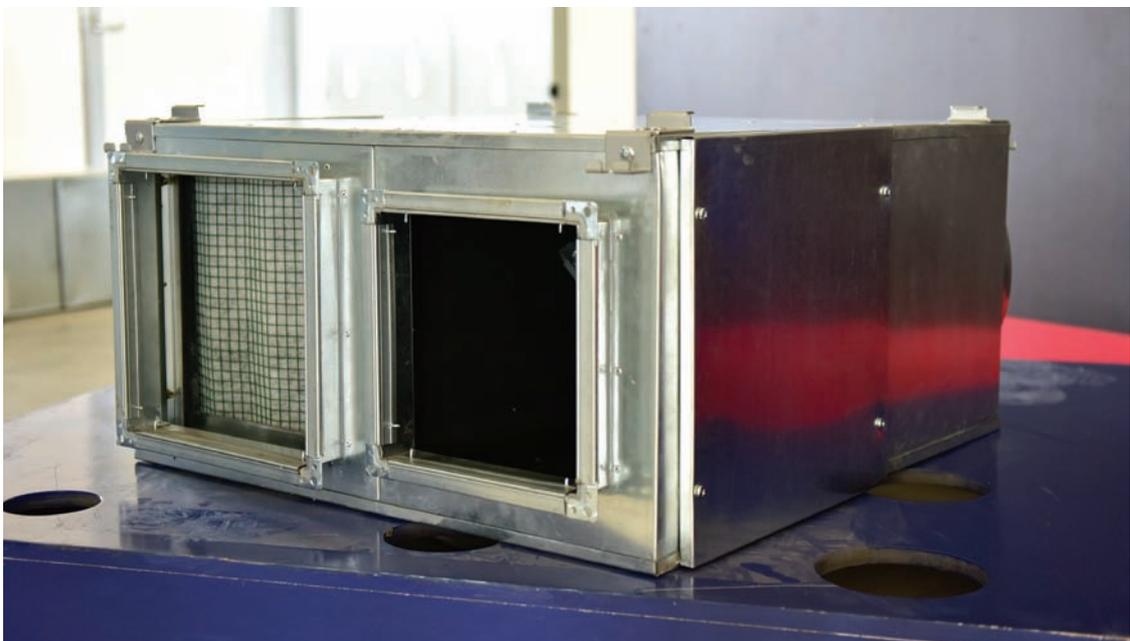


Plate heat exchangers available in standard heat recovery units causes a pressure loss up to 180-300 pascal and this increases the energy requirement of the device. In our new generation heat recovery units, plate heat exchanger which leads to the loss of pressure is not available. Alternatively, heat transfer is provided with double-layered flex pipe system. Thus, there is no need for the cost of plate heat exchanger and the use of a larger fan motor for to prevent the pressure loss caused by plate heat exchanger. A total of energy efficiency is provided up to 55%-65%, and the average pressure loss is around 100 pascal.



SHELTER VENTILATION

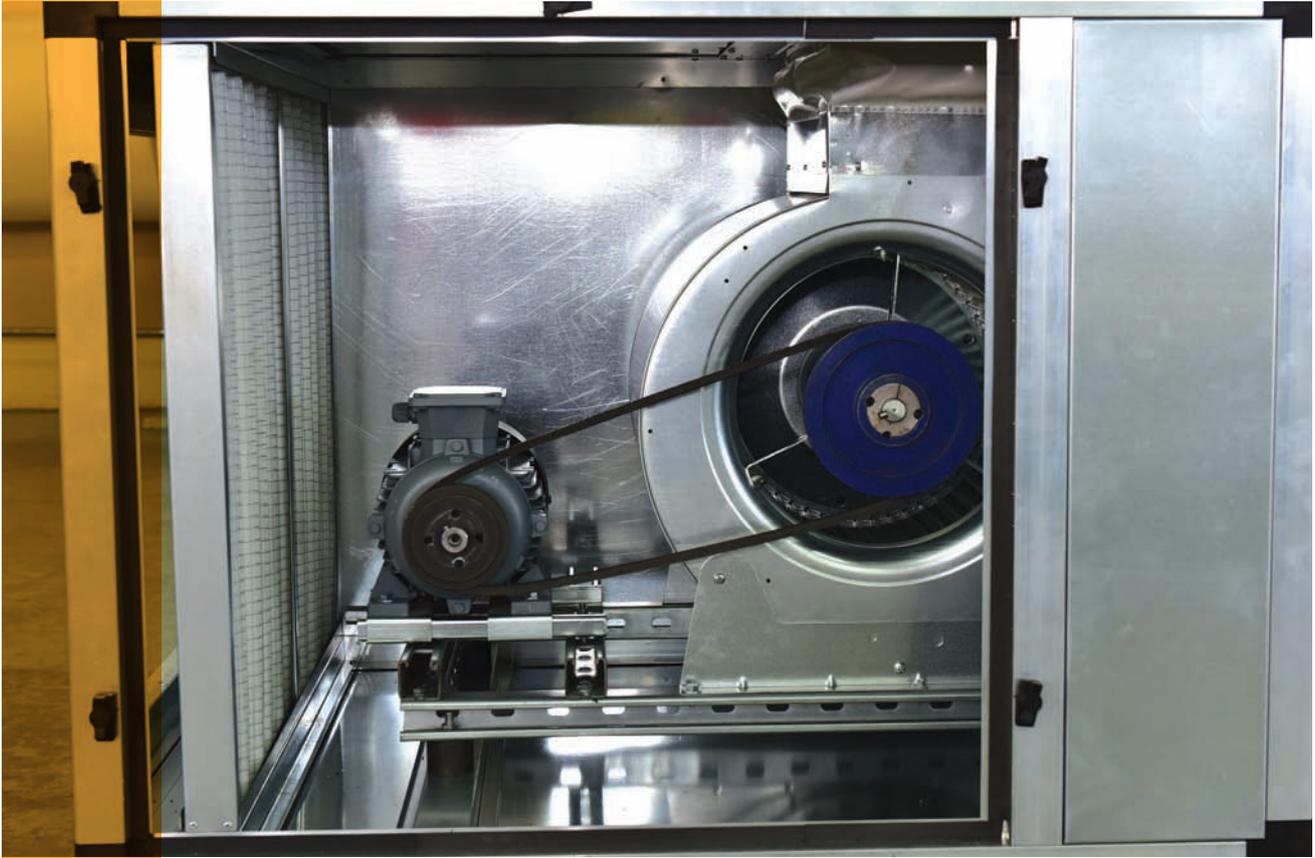


Radioactive fallout holder filters, activated carbon filters, g4 filter bypass dump, consisting of plug fan composition. Optionally lead separator and the internal wall of the lead plates may be coated. The outer skin is made of galvanized steel.

Ceiling types of 300m³/h to 3500 m³/h up to. Optionally it can build air handling unit type. By-pass damper is used to protect the outside air filter peacetime purposes. Use passing through the air filter is provided in case you need fresh air into the shelter. Filter and the electric motor housing is designed to be easily removed.



CABINET TYPE VENTILATORS



Cabinet type ventilators are used in places where only ventilation is needed without heating or cooling. Depending on the physical properties of the air, the unit can be designed with low or high suction/blowing capacity to clean ambient air. The unit is produced with high quality material and workmanship to provide full sealing and can be used with or without filter cartridges.

Filter types used in filter cartridges:

- Class G-4 dust removal filter
- Metal oil removal filter
- Carbon granule odour removal filter
- Fibre catcher

Cabinet type ventilators are designed according to place of installation, conditions of air ducts and directions of suction and blowing.



ISO 9001:2008
ISO KALİTE BELGESİ



HİZMET YETERLİLİK BELGESİ



MARKA TESCİL BELGESİ



TSEK KRİTERE UYGUNLUK BELGESİ



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