

July 2016

How to ensure “high performance, cost efficiency and long life” for air-conditioners?

5 TIPS FOR SELECTING & USING AIR-CONDITIONERS

As the summer season approaches, Mitsubishi Electric Turkey Air-Conditioning Systems General Manager Yenil Altaç underlined the importance of selecting and using correct air-conditioners.

As the summer comes with suffocating heat, air-conditioners become the number one priority for our daily lives. This leads us to one question: what are the important points for selecting and using air-conditioners? Air-conditioners with high energy efficiency function reduce not only bills but also promote our life quality by providing a comfortable atmosphere in summer and winter as long as the right model is selected under the guidance of the professional teams, assembled to the correct spot and serviced regularly. In that regard, **Mitsubishi Electric Turkey Air-Conditioning Systems General Manager Yenil Altaç** gave important tips on selecting and using air-conditioners on behalf of the company which is a global leader in the industry thanks to its high tech air-conditioners and outstanding engineering approach:

1- The ideal air-conditioner must be selected according to the heating and cooling needs of the space

Before selecting an air-conditioner and determining the required capacity, the heating and cooling requirement of the space must be determined in the first place. The model and capacity must be determined according to the size of the space, number of inhabitants, insulation capacity of the building and windows, extent of heat loss, direction of the building and some other variables. An air-conditioner with larger capacity may not always be a better air-conditioner. Therefore, it is quite important to select the suitable capacity for more efficiency.

2- Choose inverter air-conditioners and innovative technologies with high energy efficiency

According to the energy classification system which was adopted in 2014 based on seasonal efficiency criteria, an air-conditioner considered to be A class for Antalya may not have the same classification for Istanbul. Therefore, consumers should take care to choose high energy efficiency air-conditioners suitable for the climactic conditions of their district in order to acquire maximum efficiency while reducing energy consumption.

Another important point is to prefer models with innovative technologies meant to increase the declared efficiency of air-conditioners. That is because such functions not only increase the efficiency but also promote the comfort for end-users. For example, systems which enable users to set the air-conditioner functions according to the time and manner of occupying the relevant spaces shall increase energy efficiency as they act proactively based on the predetermined requirements. Cooling or heating a space after it gets excessively hot or cold consumes considerably more energy. The modern technology makes it possible to control the functions of air-conditioners on the internet. The remote control function enables users to monitor the ambient temperature and take necessary action with a view to preventing the system from operating unnecessarily in addition to forming communication in case of any breakdown.

3- Correct filter is very important for healthy spaces

Fresh air has an important role in creating healthy spaces for human beings. Filters developed with the state-of-the-art technology create healthy spaces free of bacteria, viruses, dust and allergens. Improved filter systems help to prevent allergenic reactions.

4- Equipment need to be serviced twice a year

Air-conditioners must be serviced periodically twice a year so that they may keep on working with same efficiency for long years. It is essential to clean filters regularly in addition to air-conditioners. Failure in cleaning air filters regularly reduces heating and cooling capacity of air-conditioners causing the equipment to consume more energy. It is important to follow-up replacement period of filters as well as cleaning routines. If the air-conditioner is equipped with an air cleaning filter and/or anti-allergenic enzyme filter, such filters have to be serviced and replaced periodically. It would be better not to use air-conditioner sprays in case they damage the internal parts of the equipment.

5- Let experts perform the survey process for you!

Selecting an air-conditioner is a serious process. Professional teams are required to select an air-conditioner with high energy efficiency having the suitable capacity to meet the requirements for the relevant space, install the equipment in the correct spot and perform regular maintenance services for the air-conditioner.

Introduced by Mitsubishi Electric Turkey Air-Conditioning Systems, “**Keşfetteam**” service is at disposal of consumers who are at a loss as to which air-conditioner to purchase. Keşfetteam professionals conduct thermal screening by using state-of-the-art equipment to discover the insulation flaws, thermal bridges, and energy leaks at outer walls and doors. As a result, they inform the users about the potential problems that may reduce the comfort level as well as providing guidance on how to use air-conditioners more efficiently while consuming less energy.

Keşfetteam determines the ideal spot for installing the air-conditioner in addition to selecting the right air-conditioner for a given space. Thanks to Augmented Reality application which is a new software technology connecting the real world to the digital world, consumers have the opportunity to experience how the air-conditioner will look like in their space once installed.

klima.mitsubishielectric.com.tr