

Household appliances

Different household appliances are commonly used in private household but also in companies, administrations and other institutions: fully equipped kitchens are often at office workers' disposal as well as in many public buildings as schools, kindergartens, hospitals, etc.

During the procurement of household appliances for offices, schools etc., a contribution to the preservation of resources and a reducing of the operating cost could be achieved by taking into consideration energy efficiency and environmental criteria. Additional criteria may be also considered in order to prevent the impact of the manufacturing process and the use phase on the environment.

The most common household appliances in office buildings are refrigerating appliances, ovens, ranges and dishwashers. In schools, hospitals, kindergartens etc., also washing machines, dryers or washer-dryers are used.

This guideline concentrates on the large appliances intended for household applications, while other small appliances such as coffee machines, kettles, microwave ovens, etc. are not addressed. Also commercial and industrial equipments are not taken into consideration. Initially the different appliances types are described along with their most important energy and functional performance. Then the relevant energy and environmental labels are briefly described with their main (awarding) criteria. Performance sheets and calculation tool are given, to support the procurement action by showing how energy efficiency and environmental criteria can be integrated in the tender documents, mainly based on the data of the EU energy labelling but also considering, when justified, possible requirements derived from the voluntary EU eco-labelling schemes.

Download:

[Guidelines](#)

[Performance Sheets](#)

[Calculation Tool for refrigerating appliances](#)

[Calculation Tool for dishwashers](#)

[Calculation Tool for electric ovens](#)

[Calculation Tool for washing machines](#)

[Calculation Tool for dryers](#)

[Calculation Tool for washer-dryers](#)

[Training module](#)