Ecodesign legislation

**Framework directive**


**Implementing Regulations**

- Air conditioners and comfort fans
- Air heating and cooling products
- Circulators
- Computers
- Domestic cooking appliances
- Electric motors
- External power supplies
- Household dishwashers
- Household tumble driers
- Household washing machines
- Industrial fans
- Lighting products in the domestic and tertiary sectors
- Local space heaters
- Heaters and water heaters
- Power transformers
- Professional refrigerated storage cabinets
- Refrigerators and freezers
- Simple set-top boxes
- Solid fuel boilers
- Standby and off mode electric power consumption of household and office equipment and network standby
- Televisions
- Vacuum cleaners
- Ventilation units
- Water pumps

Use of tolerances in verification procedures (omnibus regulation)
Use of tolerances in verification procedures


Air heating products, cooling products, high temperature process chillers and fan coil units


Impact Assessment [SWD(2016)422]
Executive Summary of the Impact Assessment [SWD(2016)421]


Guidelines accompanying Regulation (EU) 2016/2281 with regard to ecodesign requirements for air heating products, cooling products, high temperature process chillers and fan coil units – July 2018

Solid fuel boilers


Impact Assessment [SWD(2015) 92]

regards ecodesign requirements for solid fuel boilers in support of Commission Regulation (EU) 2015/1189 - M/551

**Guidelines accompanying** Regulations (EU) No 811 & 812/2013 with regard to energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device, and of water heaters, hot water storage tanks and packages of water heater and solar device, and Regulations (EU) No 813 & 814/2013 with regard to ecodesign requirements for space heaters and combination heaters, and for water heaters and hot water storage tanks, and Regulations (EU) 2015/1187 & 1189, with regard to ecodesign and energy labelling requirements for solid fuel boilers - 2018

**Local space heaters**


Impact Assessment [SWD(2015) 90]
Executive Summary of the Impact Assessment [SWD(2015) 91]


**Guidelines accompanying Regulation (EU) 2015/1185, 1186 and 1188 with regard to ecodesign and energy labelling requirements of local space heaters** – November 2017


For impact assessment and standardisation’s matters, please refer to "Local space heaters".
Professional refrigerated storage cabinets


Impact Assessment [SWD(2015) 97]
Executive Summary of the Impact Assessment [SWD(2015) 96]


FAQ (frequently asked questions) related to Commission Regulation (EU) 2015/1095 with regard to ecodesign requirements for professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers and, Delegated Commission Regulation (EU) 2015/1095 with regard to the energy labelling of professional refrigerated storage cabinets

Ventilation units


Impact Assessment [SWD(2014) 222]
Executive Summary of the Impact Assessment [SWD(2014) 223]


Guidelines accompanying Regulation (EU) No 1254/2014 with regard to the energy labelling of residential ventilation units and Regulation (EU) No 1253/2014 with regard to ecodesign requirements for ventilation units – October 2016

Power transformers


Impact Assessment [SWD(2014) 162]
Executive Summary of the Impact Assessment [SWD(2014) 161]


Domestic cooking appliances


Executive Summary of the Impact Assessment [SWD(2014) 3]


**Heaters and water heaters**


Impact Assessment [SWD(2013) 297]
Executive Summary of the Impact Assessment [SWD(2013) 296]


**Commission Implementing Decision C(2015) 2626 of 27.4.2015 on a standardisation request to the European standardisation organisations** as regards **space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device** in support of Regulation (EU) No 813/2013 and Delegated Regulation (EU) No 811/2013 – M/535

**Guidelines accompanying Regulations (EU) No 811 & 812/2013** with regard to energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device, and of water heaters, hot water storage tanks and packages of water heater and solar device, and **Regulations (EU) No 813 & 814/2013** with regard to ecodesign requirements for space heaters and combination heaters, and for water heaters and hot water storage tanks, and Regulations (EU) 2017/1187 & 1189, with regard to ecodesign and energy labelling requirements for solid fuel boilers - 2018


Impact Assessment [SWD(2013) 295]
Executive Summary of the Impact Assessment [SWD(2013) 294]


Vacuum cleaners


Impact Assessment [SWD(2013) 240]
Executive Summary of the Impact Assessment [SWD(2013) 241]


Computers

Impact Assessment [SWD(2013) 219]
Executive Summary of the Impact Assessment [SWD(2013) 218]


**Household tumble driers**


Impact Assessment [SWD(2012) 289]
Executive Summary of the Impact Assessment [SWD(2012) 290]


Circulators


Impact Assessment Part 2
Impact Assessment Part 3
Impact Assessment Part 4


Water pumps


Air conditioners and comfort fans


Impact Assessment [SWD(2012) 35]
Impact Assessment Summary [SWD(2012) 34]


**Industrial fans**


Impact Assessment [SEC(2011) 384]

Impact Assessment Summary [SEC(2011) 385]


**Household dishwashers**


Impact Assessment Summary [SEC(2010) 1357]
Household washing machines


Lighting products in the domestic and tertiary sectors


Impact Assessment [SWD(2012) 419]
Impact Assessment Summary [SWD(2012) 418]


Guidelines accompanying Regulation (EU) No 874/2012 with regard to the energy labelling of lighting products, and Regulations (EC/EU) No 244 & 245/2009 and 1194/2012 with regard to ecodesign requirements for **lighting products** – July 2015


Commission Regulation (EC) No 859/2009 of 18 September 2009 amending Regulation (EC) No 244/2009 as regards the ecodesign requirements on **ultraviolet radiation of non-directional household lamps**


Impact Assessment Summary [SEC(2009) 328]
Commission Regulation (EU) No 347/2010 of 21 April 2010 amending Commission Regulation (EC) No 245/2009 as regards the ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps


Impact Assessment [SEC(2009) 324]
Impact Assessment Summary [SEC(2009) 325]


Refrigerators and freezers


Televisions


Impact Assessment Summary [SEC(2009) 1012]


Electric motors


Impact Assessment [SEC(2009) 1013]
Impact Assessment Summary [SEC(2009) 1014]


External power supplies


Executive Summary [SEC(2009) 435]


Ecodesign: Commission adopts rules to reduce electricity consumption of external power supplies [IP/09/542, 06/04/2009]

Simple set-top boxes


Impact Assessment [SEC(2009) 114]
Impact Assessment Summary [SEC(2009) 113]

Standby and off mode electric power consumption of household and office equipment and network standby


Commission communication in the framework of the implementation of the Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European...
Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment (2012/C 394/05) - Publication of titles and references of harmonised standards under the directive - Official Journal C 460, 9/12/2016 P. 1-3.


Impact Assessment [SWD(2013) 306]
Executive Summary of the Impact Assessment [SWD(2013) 305]


Other implementing measures


Voluntary Agreements under the Eco-design legislation

Self-regulation may achieve the ecodesign policy objectives more quickly or at lesser expense than mandatory requirements. Therefore, industry sectors may propose voluntary agreements as alternatives to potential ecodesign regulations. Such agreements need to fulfill specific criteria of the Ecodesign Directive and are assessed and monitored by the Commission. The list of Ecodesign Voluntary Agreements can be found here.