New ITS Project
Combined Event on Sustainable Energy Policy

Energy efficiency labelling
Latvenergo
Jurmala, Latvia, September 25, 2013

BUILDING PARTNERSHIPS FOR ENERGY SECURITY

www.inogate.org
Energy efficiency labelling
Advantage of an energy label

- An energy label gives other useful information, such as functional performance classes to the customer as they choose between various models.
History of labeling

• First energy efficiency standards were established in 1962
• More intensive efficiency standards were made from 1970
Previous efficiency directives

- Refrigerating appliances ES 1060/2010
- Washing machines 95/12/EC
- Dishwashers 97/17/EC
- Televisions
- Air-Conditioners 2002/31/EC
- Tumble dryers 95/13/EC
- Electrical lamps and luminaries ES 874/2012
- Domestic ovens
Products with «new» labels

- Refrigerating appliances ES 1060/2010
- Washing machines ES 1061/2010
- Dishwashers ES1059/2010
- Televisions ES 1062/2010
- Air-Conditioners ES 626/2011
- Tumble dryers ES 392/2012
- Electrical lamps and luminaries ES 874/2012
Products with labels in preparation

- Electric water heaters
- Electric boilers
- Domestic ovens
- Range Hoods
Main features of new legislation

- Only 7 energy efficiency classes
- Gradual introduction of «+» sings
- New calculation methodology
- Annual energy consumption
- Energy classes on advertisements
Meaning of «+» signs

- Refrigerators A+++ 60% more effective than class A
- Washing machines A+++ 32% more effective than class A
- Dishwashers A+++ 32% more effective than class A
## Energy labels vs ecodesign requirements

<table>
<thead>
<tr>
<th>Product group</th>
<th>Energy efficiency classes shown on the energy label</th>
<th>Energy efficiency classes allowed on the market by minimum Ecodesign requirements</th>
<th>Energy efficiency classes shown on the label, but not allowed by minimum Ecodesign requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washing machines</td>
<td>A+++ / D</td>
<td>A+++ / A</td>
<td>B, C, D</td>
</tr>
<tr>
<td>Dishwashers</td>
<td>A+++ / D</td>
<td>A+++ / A</td>
<td>B, C, D</td>
</tr>
<tr>
<td>Refrigerating appliances</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compression type</td>
<td>A+++ / D</td>
<td>A+++ / A+</td>
<td>A, B, C, D</td>
</tr>
<tr>
<td>Absorption type</td>
<td>A+++ / G</td>
<td>A+++ / E</td>
<td>F, G</td>
</tr>
<tr>
<td>Televisions</td>
<td>A / G</td>
<td>A / G</td>
<td></td>
</tr>
<tr>
<td>Light sources</td>
<td>A / G</td>
<td>A / C</td>
<td>D, E, F, G</td>
</tr>
</tbody>
</table>
Electric lamps and luminaries (previous version)
Electric lamps and luminaries

This luminaire contains built-in LED lamps and has sockets for bulbs of the energy classes:

- A++
- A+
- A
- B
- C
- D
- E

The luminaire is sold with a bulb of the energy class: C

874/2012
Televisions

![Energy efficiency label for a television set](image)

**Brand:** GRUNDIG
**Model:** FineArts 46 FLE 9170 SL

- **Energy Efficiency Class:** A
- **Energy Consumption:** 120 kWh/annum
- **Power Consumption:** 82 Watt
- **Dimensions:** 117 cm x 46 inches

*LATVENERGO*
Refrigerators and freezers
Heat pumps, air conditioners
Washing machines

WHIRLPOOL
AWO/C 6304

A+++ 147 kWh/annum
8200 L/annum 6 kg
A B C D E F G
59 dB 75 dB
2010/1061
Dryer

WHIRLPOOL
AZA 799

A++
A+
A
B
C
D

ENERGIA - ENERGY - ENERGIE
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ENERGIA - ENERGY - ENERGIE

258 kWh/annum

159 min/cycle*

7 kg
70 dB

A B C D E F G

98/2013
Dishwasher

WHIRLPOOL
ADP 8773 A++ PC 6S IX

A++

261 kWh/annum

3080 L/annum

x13

44 dB
Displaying of energy labels

- Suppliers provide the dealers with the EU energy label (and the product fiche for product types with the “old” label) free of charge;
- Suppliers are responsible for the accuracy of the information provided;
- Dealers have to attach the label in a clearly visible way outside on the front or top of the product;
- This also applies to built-in appliances, products displayed in furniture or design products, and products with packaging.
Consumer information about energy labels

• Individual consultations
• Lectures
• Booklets
• WEB pages
Lectures for

- Students
- Employees
- Groups
WEB pages

- Center of customer rights
- Retailers
- Labeling project WEB pages
Thank you for attention!