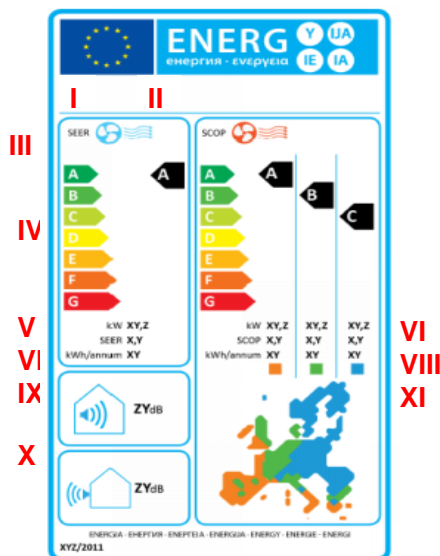


## ECODESIGN LOT 10

- Effective 1<sup>st</sup> Jan 2013 for all imports to EU <12kW
- Manufacturers must provide new Energy Labels on goods imported into the EU After 1<sup>st</sup> Jan 2013.
- Dealers can sell products from stock imported prior to 1<sup>st</sup> Jan-13 even if not fulfilling minimum requirements of new seasonal efficiency.
- Dealer to display label (at the point of sale) on the Outside of the front or top of the Unit.
- More than 1 efficiency class possible, manufacture to declare at least the “average Season” zone.
- Label of the current Energy Directive (Directive 2002/31/EC) is abolished on 1<sup>st</sup> January 2013. New energy label is valid from 1<sup>st</sup> January 2013.
- Manufacturer to provide Technical Data for all products on a “Free Access Website
- Toshiba UK have our information listed and can be accessed through the support section on our website [www.toshiba-aircon.co.uk](http://www.toshiba-aircon.co.uk)

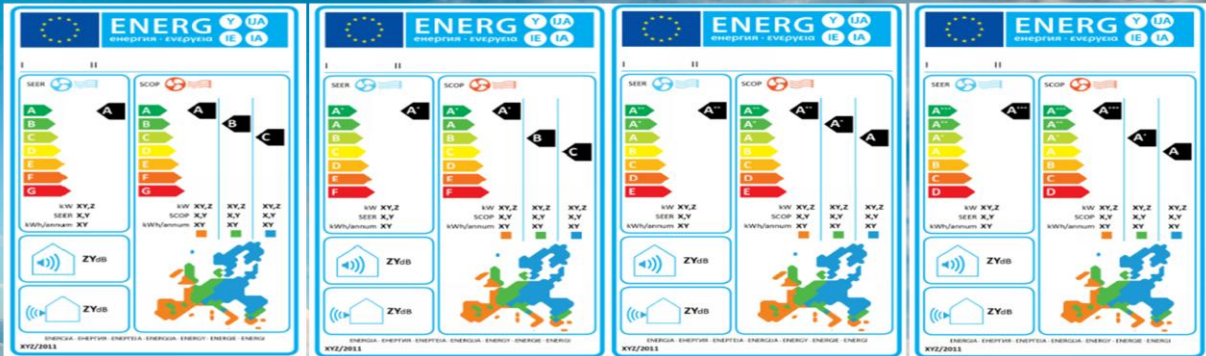
## New Energy Label

### Explanation



- I**) Name or trademark Supplier.
- II**) Product type name.
- III**) Blue Fan = Cooling [SEER] Red = Heating [SCOP]
- IV**) Black arrow indicates energy efficiency class. SCOP: Average case of heating is required, Colder and Warmer is optional.
- V**) Pdesignc cooling (kW). Rounded up to one decimal digit.
- VI**) Pdesignh Heating (kW). Rounded up to one decimal digit. You can view the "X" to the region is not applicable, heating.
- VII**) SEER value - rounded up to one decimal digit.
- VIII**) SCOP value - rounded up to one decimal digit.
- IX**) Annual energy consumption (kWh / annum). Values displayed only in the region that is applicable for Heating.
- X**) Sound power level: Indoor unit & Outdoor unit [dB (A)].
- XI**) Map of Europe showing the region - colour coded.

# Introduction Schedule



NOTE: In the 626/2011 regulation, it is written :

Suppliers wishing to place on the market air conditioners that can meet the requirements for higher energy efficiency classes such as A+++ should be allowed to provide labels showing those classes in advance of the date for mandatory display of such classes.



# Energy Efficiency Classes



Energy Efficiency Class	SEER	SCOP
A+++	SEER • 8.50	SCOP • 5,10
A++	6.10 • SEER < 8.50	4.60 • SCOP < 5.10
A+	5.60 • SEER < 6.10	4.00 • SCOP < 4.60
A	5.10 • SEER < 5.60	3.40 • SCOP < 4.00
B	4.60 • SEER < 5.10	3.10 • SCOP < 3.40
C	4.10 • SEER < 4.60	2.80 • SCOP < 3.10
D	3.60 • SEER < 4.10	2.50 • SCOP < 2.80
E	3.10 • SEER < 3.60	2.20 • SCOP < 2.50
F	2.60 • SEER < 3.10	1.90 • SCOP < 2.20
G	SEER < 2.60	SCOP < 1.90

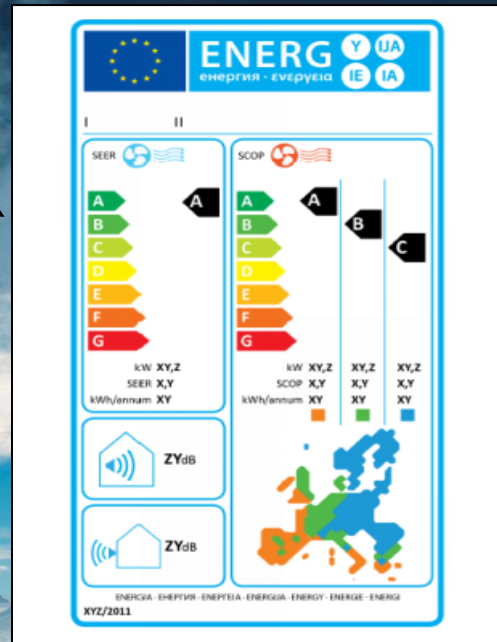
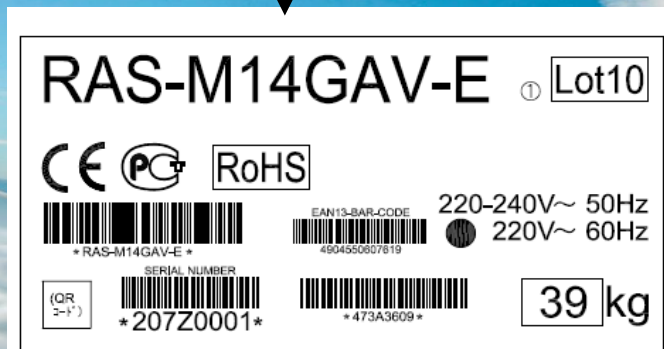
Ref:- Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labeling of air conditioners.

Both the SEER and SCOP shall take into account the reference design conditions the operational hours per relevant mode of operation, and the SCOP shall relate to the heating season 'average'.

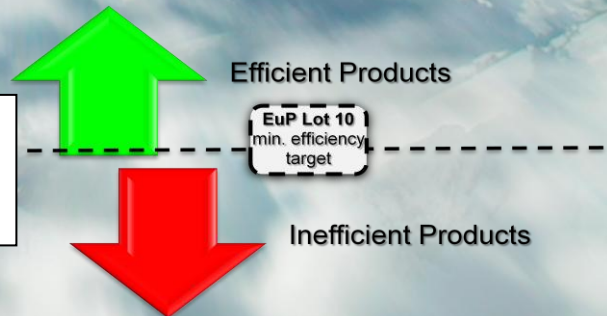
# Manufacturers Actions

Energy label will be included in the packaging of Finished Goods

"Lot 10" sign will be added to the carton box label.



## Implications



If the new minimum efficiency classes are not reached, an import ban for the European Union takes effect for that product. The Energy label is part of the CE conformity. Inefficient Air Conditioning Systems which fail to meet the minimum requirements will no longer be granted the CE certification and cannot be imported into the EU.