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SRD.4 - Informatics & Logistics

European Product Registry for Energy Labelling (EPREL)

Water Heaters (Hot water storage tanks)

Date:	23-07-2018
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Authors:	Oscar Miralles
Revised by:	
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1.1. Document History

Version	Date	Comment
1.00	23/07/2018	Draft Document created by Oscar Miralles (OM)

Contact:

ENER EPREL project (ENER-EPREL-PROJECT@ec.europa.eu)

Oscar Miralles, Technical Consultant, oscar.miralles@ext.ec.europa.eu, DIRECTORATE-GENERAL FOR ENERGY, SRD - Shared Resource Directorate, SRD.2.001 – IT Systems

1.2. Bibliography

- [1] EPREL, *Bussiness Glossary*, 2016.
- [2] EPREL, *COMMISSION DELEGATED REGULATION (EU) No 812/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heate.*
- [3] EPREL, XML Exchange Model, 2018.

1.3. Abbreviations and Glossary

See document "EPREL – Business Glossary" [1]

2. INTRODUCTION AND PURPOSE

This document is a summary of all that is necessary for the EPREL to generate the UI form (list of fields and mock-up screenshot) for each product group, to generate the labels and to generate the product information sheet.

3. WATER HEATERS (HOT WATER STORAGE TANKS)

COMMISSION DELEGATED REGULATION (EU) No 812/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heater and solar device [2].

These product group concerns 4 types of products "Water heaters", "Hot water storage tanks", "Solar devices", "Packages of water heater and solar device". They will have separate Product Information Sheets.

This document is intended only for "Hot water storage tanks".

3.1. Fields/Exchange model

List of fields extracted from the Regulation mentioned above and their correspondence with the fields in Data Exchange Model [3] class "HotWaterTank". The column "Item" is a reference to the field as defined in the Annex IV "Product fiche"; the name of the field, the type, if mandatory, a short description how it's filled or the units used, and field in the data exchange model.

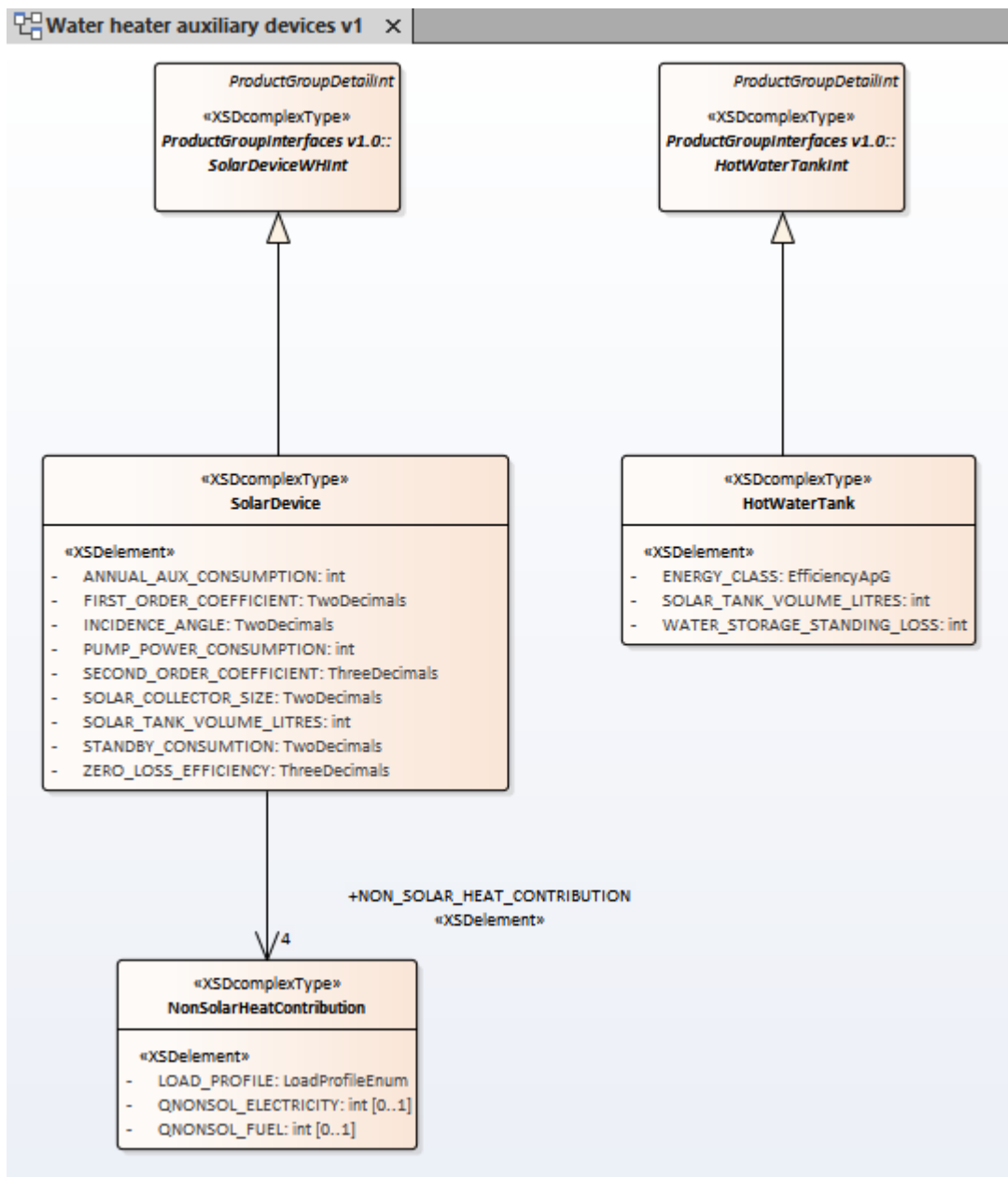


Figure 1 Exchange model

Item	Field	Type	Mandatory	Description	Exchange model
2.1(a)	Supplier's name or trademark	Text	TRUE		
2.1(b)	Supplier's model identifier	Text	TRUE		
2.1(c)	Energy efficiency class	List	TRUE	List of classes (Point 2 of Annex II)	ENERGY_CLASS
2.1(d)	Standing loss	Number (No decimals)	TRUE	W	WATER_STORAGE_STANDING_LOSS

Item	Field	Type	Mandatory	Description	Exchange model
2.1(e)	Storage volume	Number (No decimals)	TRUE	Litters	SOLAR_TANK_VOLUME_LITRES

3.2. Mock-up

These are the mock-up screenshots of how the UI form will look like for the supplier to enter the model information manually.

The mock-up shows a web browser window with the URL 'http://'. The page title is 'EPREL Compliance website'. The main heading is 'Water heaters (Hot water storage tank)'. Below the heading, it says 'Delegated Regulation 812/2013', 'EPREL Registration Number 8564125144', and 'Version 3'. There are input fields for 'Model identifier' and 'Supplier name/Trademark'. The status is 'Incomplete'. On the left, there is a 'Navigation' menu with links: 'General information', 'Label/Fiche', 'Technical documentation', 'Equivalent models', 'Contact', 'Access log', and 'Versions'. Below the navigation menu is an 'Actions' section with 'Edit' and 'Back' buttons. The main content area is titled 'General information' and contains the following fields: 'Date of placement on the market' (calendar icon), 'Date of end of placement on the market' (calendar icon), 'Energy efficiency class' (dropdown menu with 'A+' selected), 'Standing loss (W)' (input field with '65'), and 'Storage volume (Litters)' (input field with '65'). At the bottom of the form, there is a disclaimer: 'If you choose to allow EPREL to generate the labels for this model, you are accepting that the generated label is correct in format and content. Before accepting it, we recommend to generate the label to preview the output and verify them. If you upload a label manually it will be ignored and the generated used in Public Site.' Below the disclaimer is a checkbox 'I accept the labels generated by EPREL for this model' and a 'Save' button.

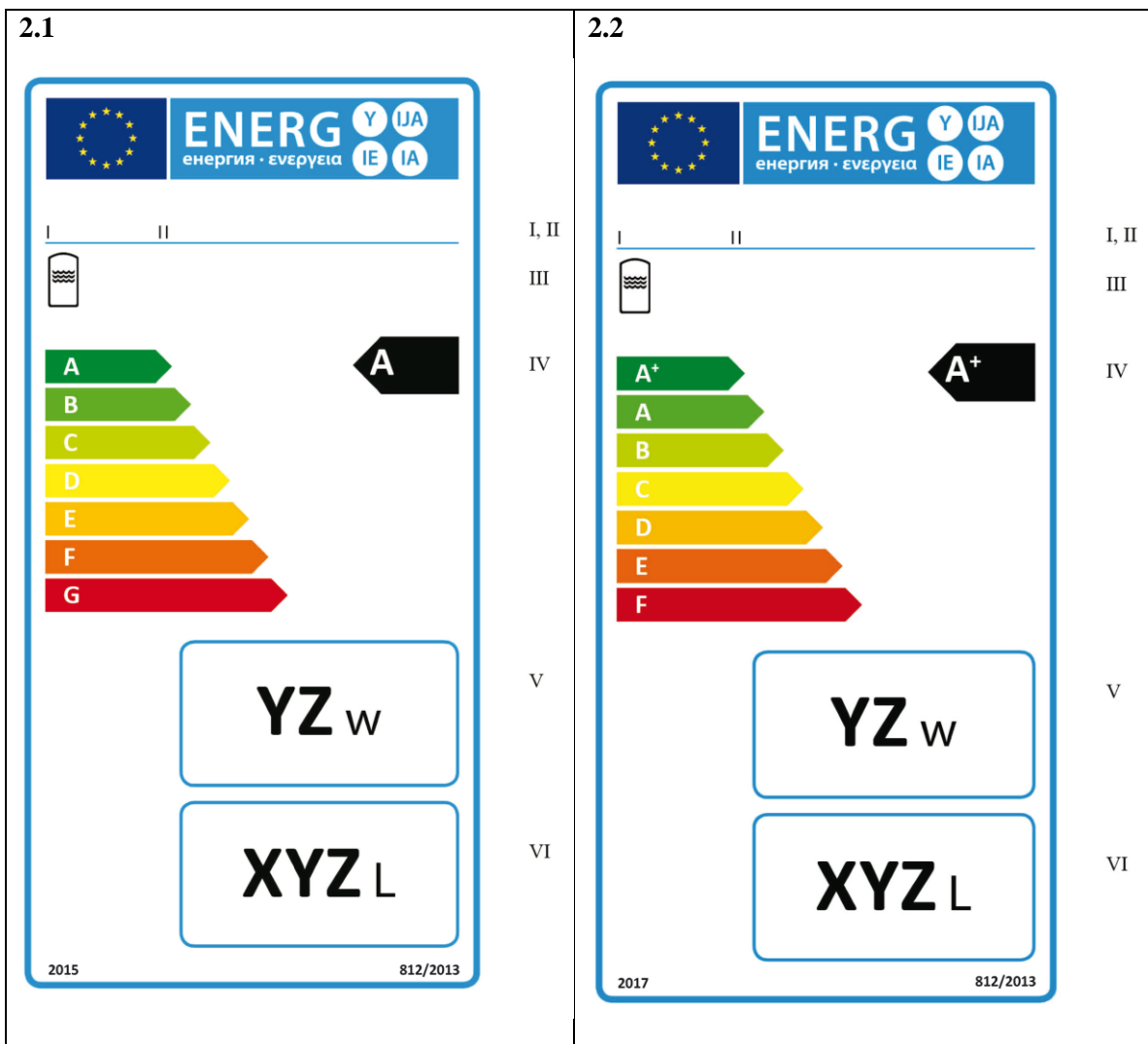
Figure 2 Mock-up

3.3. Labels

Description of the labels can be found in Annex III of the regulation.

This is a summary of which one has to be generated by the system depending on the date the model was published; followed by images of the labels.

Label	Placement on the market	
	Date From	Date To
2. HOT WATER STORAGE TANKS		
2.1. Label 1 for hot water storage tanks in energy efficiency classes A to G	26/09/2015	25/09/2017
2.2. Label 2 for hot water storage tanks in energy efficiency classes A+ to F	26/09/2017	Onwards



3.4. Product Information Sheet

This is a template of the product information sheet using the fields from the Annex IV “Product fiche”.

Product Information Sheet	
Delegated Regulation (EU)	811/2013
Supplier name or trademark	[Supplier name or trademark]
Model identifier	[Model identifier]
Energy efficiency class	[Energy efficiency class]
Standing loss	[Standing loss] W
Storage volume	[Storage volume] Liters