

EVIA – Energy Labelling Database Anthology

Useful Links:

- [Obligations of suppliers for uploading models](#)
- [Regulation \(EU\) 2017/1369](#) – Energy Labelling Regulation
- [Commission Delegated Regulation \(EU\) 1254/2014](#) – Energy Labelling of Residential Ventilation Units
- [Energy Labelling Database \(EPREL\) Guidelines](#)
 - [EPREL - User Guide - 05 Model registration - Equivalent models"](#)
 - [EPREL - User Guide - 04 Model registration - System-to-system v1.10.docx](#)
 - [EPREL - User Guide - 03 Model registration - UI v1.11.docx](#)
 - [EPREL - User Guide - 02 Model registration - File upload v1.60.docx](#)
 - [EPREL - User Guide - 01 Supplier Registration v1.60.docx](#)
- [EPREL Assumptions](#)
- [Energy Label Template for Residential Ventilation Units](#)
- [Energy Label Generator](#) –
 - [UVU](#)
 - [BUV](#)
- [Rules and requirements for energy labelling and ecodesign](#)
- [FAQ](#) on the Energy Labelling Regulation

Helpdesk: ENER-EPREL-HELPDESK@ec.europa.eu

Update 11 May 2020:

A new version of EPREL will be made available in the ACCEPTANCE environment from Monday 11 May 2020 at 7:30, to let your organisation perform testing and schedule necessary adaptations, if necessary: <https://energy-label.acceptance.ec.europa.eu/compliance>. No modification will take place, at this stage in the PRODUCTION environment.

IMPORTANT: EPREL PRODUCTION environment servers need to be upgraded to cope with the coming additional functionalities and workload. The entire EPREL system will be migrated to a new better performing environment. Unfortunately, for this major migration, EPREL PRODUCTION environment will become inaccessible for new registrations for 5 working days, from the morning of 15 May 2020 to 24 May 2020 at night (holiday day on 21 May for Ascension), not allowing any registration of models during that period. EPREL will function normally from Monday 25 May, but a prolongation of the disruption is possible in case of technical problems. Any update will appear in EPREL wiki. Immediately after migration, this version of EPREL will be made available in PRODUCTION environment.

This update includes fixes to minor issues signalled by suppliers when uploading their product models in the database manually or using system-to-system communication. It also adds some new functionalities and cosmetic changes.

Release plan:

We have published the release plan on the Wiki:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/Roadmap>

Exchange model:

IMPORTANT: Some changes in exchange model may affect your back-end systems if you are using system-to-system functionality. Pay special attention to read this section.

Based on feedback from the industry and internal reviews, updates have been applied to the exchange model as well:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.6.3>

V2.6.10

- ? Refrigerating appliances 2019 and Refrigerating appliances with direct sales function, now allow multiple light sources:
 - o Modified RefrigeratingApplianceWithDirectSalesFunction: added LightSource class
 - o Modified HouseholdRefrigeratingAppliance2019: added LightSource class

V2.6.9

- ? Product model registration service 2.5 : modified ProductOperationResult. The report will return more information about the models registered to allow backend systems to take better decisions. In some cases this is not possible, so it may happen that some responses return empty in these fields. Extra information returned:
 - o adding optional fields MODEL_STATUS, PRODUCT_GROUP, DELEGATED_ACT and TRADEMARK_REFERENCE or SUPPLIER_NAME_OR_TRADEMARK.

V2.6.8

- ? Modified RefrigeratingApplianceWithDirectSalesFunction: field LIGHT_ENVELOP becomes optional.
- ? Modified HouseholdRefrigeratingAppliance2019: field LIGHT_ENVELOP becomes optional.

LIGHT_ENVELOP - Envelope -> OPTIONAL

This field must be filled only when: [LIGHTING_TECHNOLOGY] = MIXED OR [LIGHTING_TECHNOLOGY] = OTHER_HID

V2.6.7

- ? Changing published models now allow for "Reason for change observations"

- Added optional field REASON_COMMENT in registration request.

V2.6.6

- ? Added class for product HouseholdWasherDryer2019 of delegated act (EU) 2019/2014
- ? Changed HouseholdWashingMachine2019: RINSING_EFFECTIVENESS from int to OneDecimal.
- ? Corrected typo in HouseholdWashingMachine2019: RELEASES_SILVER_IONS

V2.6.5

- ? Added class for product HouseholdWashingMachine2019 of delegated act (EU) 2019/2014
- ? Added RefrigeratingApplianceWithDirectSalesFunction & HouseholdDishWasher2019 missing xs attribute in XSD

V2.6.4

- ? Added class for product HouseholdDishwasher2019 of delegated act (EU) 2019/2017.

V2.6.3

- ? Added class for product RefrigeratingApplianceWithDirectSalesFunction of delegated act (EU) 2019/2018.

UI and file upload

Some validations and ranges have been added or modified:

- ? **Refrigerating appliances 2019:**
 - LIGHT_ENVELOP - Envelope -> OPTIONAL. This field must be shown and filled only when: [LIGHTING_TECHNOLOGY] = MIXED OR [LIGHTING_TECHNOLOGY] = OTHER_HID
 - "Light source parameters" section now allows multiple light sources, minimum 1.
 - CAP_FREEZE_NET - Sum of the volumes of the frozen compartment(s) -> This field or the one below must be filled for completion
 - CAP_REFR_NET - Sum of the volumes of the chill compartment(s) and the unfrozen compartment(s) -> This field or the one above must be filled for completion

New Excel files for file upload and UI:

EPREL Exchange Model Documentation:

NEW REGULATIONS: Exchange model fields in Excel format:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/497877765/EPREL%20-%20Compliance%20site%20-%20Exchange%20model%20%28NEW%20WAVE%29%20v1.70%20%282.6.10%29.xlsx?version=1&modificationDate=1589185518382&api=v2>

EPREL Guidelines:

Mandatory and optional fields for UI:

NEW REGULATIONS: UI fields in Excel format:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/285088651/EPREL%20-%20Compliance%20site%20-%20UI%20%28NEW%20WAVE%29%20v1.70%20%281.23.1%29.xlsx?version=1&modificationDate=1589190935017&api=v2>

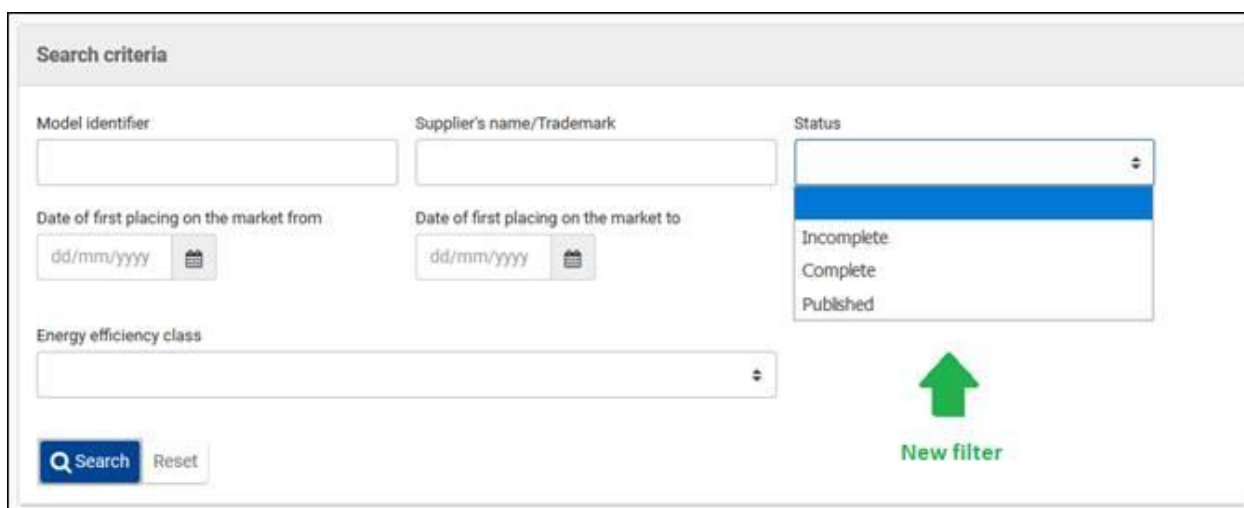
New Regulations:

- Electronic displays:
 - Full registration available.
 - Product information sheet available.
 - Label available.
 - Exchange model available.
- Refrigerating appliances:
 - Full registration available.
 - Product information sheet available.
 - Label available.
 - Exchange model available.
- Household washing machines:
 - Full registration available.
 - Product information sheet available.
 - Label available.
 - Exchange model available.
- Household washer-driers:
 - Full registration available.
 - Product information sheet available.
 - Label available.
 - Exchange model available.
- Household dishwashers:
 - Full registration available.
 - Product information sheet available.
 - Label available.
 - Exchange model available.
- Refrigerating appliances with direct sales function:

- Full registration available.
- Product information sheet available.
- Label available.
- Exchange model available.

New functionalities:

- **QR Code generation:** In the “Label/Fiche” page when viewing a model, in section “QR code generation”, now QR code is generated in PNG, JPEG, PDF, SVG formats.
- **Search results sorting:** When doing searches in product groups and trying to sort the column “Energy efficiency class”, the content was sorted alphabetically which was not useful. Now the list is sort in the order A+++, A++, A+, B, C, D, E, F, G when descendant and opposite when ascendant.
- **Filter results lists:** A new filter by “Status” has been added to all the search screens in all product groups.



The screenshot shows the 'Search criteria' form with the following fields:

- Model identifier:
- Supplier's name/Trademark:
- Date of first placing on the market from:
- Date of first placing on the market to:
- Energy efficiency class:
- Status:

Incomplete

Complete

Published

A green arrow points to the Status dropdown with the text 'New filter'. At the bottom are 'Search' and 'Reset' buttons.

- **Counters of results:** In all search results lists at the bottom a counter of total number of results has been added. This together with the filters will allow the suppliers to get an idea of how many products they have registered and in which status they are.

1766	4058075264267	LEDVO	Published	01/07/2019	5	A+	Open
1765	4058075264243	LEDVO	Published	01/07/2019	5	A+	Open

Navigation: [1](#) [2](#) [3](#) [4](#) [5](#)

Results: 1 - 20 of 43

© European Commission | Version 1.22.0-SNAPSHOT | Version date 202004171228 | Build number 38d

- **New supplier reader role:** A new role has been added for suppliers with read-only rights:
 - Manage organisation:
 - Can see General info, Trademarks, Contacts, Users. Cannot edit.
 - Models:

- Can search models in all status.
- Cannot Register models.
- Cannot edit/change/delete models.
- Can download label/fiche.
- Cannot download tech doc, but can see the list.
- Can see equivalents.
- Cannot see the tab "Access log" and "Versions" of a model.
- Upload page:
 - Cannot see the menu nor the page.
- **Transmission report:** When uploading ZIP files to register models or when sending via system-to-system, the report produced with the results has been improved.
 - **File name:** The file name of the report has been changed to include the REQUEST_ID ("report_12345.xml"), to make much easier to recognise which report belongs to which ZIP request send. This is also helpful for backend systems so file will not be overwritten every time in their filesystem due to having always the same name.
 - **Information returned:** The report will return more information about the models registered to allow backend systems to take better decisions. Extra information returned:
 - ✍ MODEL_STATUS of the model registered (Incomplete, Complete).
 - ✍ PRODUCT_GROUP ("HOUSEHOLD_REFRIGERATED_APPLIANCE", etc.)
 - ✍ DELEGATED_ACT
 - ✍ TRADEMARK_REFERENCE or SUPPLIER_NAME_OR_TRADEMARK
- **File uploads page:** A filters section has been added to allow filtering the "Uploads page" list, making easier to find specific file's uploads.

Uploads page

+ Upload models

Search criteria

Type

Date/Time file received from

Date/Time file received to

Supplier organisation

Status

Username

Search

Reset

Type	Supplier organisation	Username	Date/Time file received	Date/Time upload started	Date/Time upload ended	Status	Actions
Queued	O'Scar Ltd	simaoru	15/04/2020 19:39:50	15/04/2020 19:39:54	15/04/2020 19:39:54	Processed with errors	View report PDF View report XML

Next steps:

- Bug fixing.
 - New product group: tyres.
 - Public site.
-

Update 14 November 2019:

This version includes fixes to minor issues signalled by suppliers when uploading their product models in the database manually or using system-to-system communication. It also adds some new functionalities and cosmetic changes.

Exchange model:

Based on feedback from the industry and internal reviews, updates have been applied to the exchange model as well:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.6.0>

V2.6.0

In order to allow the pre-registration (only) in ahead of time of refrigerating appliances with direct sales function, light sources (2019), Electronic displays(2019), Household dishwashers (2019), Household washing machines and household washer-dryers, Refrigerating appliances (2019) :

- Changes on baseType : add values in ProductGroupEnum and DelegatedActEnum (Temporary values till publication of new Regulations)
 - **Refrigerating appliances:**
 - ProductGroupEnum: HOUSEHOLD_REFRIGERATED_APPLIANCE
 - DelegatedActEnum: EU_TBD_RA_2019
 - **Light sources:**
 - ProductGroupEnum: LAMP
 - DelegatedActEnum: EU_TBD_LS_2019
 - **Electronic displays:**
 - ProductGroupEnum: TELEVISION
 - DelegatedActEnum: EU_TBD_ED_2019
 - **Household dishwashers:**
 - ProductGroupEnum: HOUSEHOLD_DISHWASHER
 - DelegatedActEnum: EU_TBD_HD_2019
 - **Household washing machines:**
 - ProductGroupEnum: HOUSEHOLD_WASHING_MACHINE
 - DelegatedActEnum: EU_TBD_WM_2019
 - **Household washer-dryers:**
 - ProductGroupEnum: HOUSEHOLD_COMBINED_WASHER_DRIER
 - DelegatedActEnum: EU_TBD_WM_2019
 - **Refrigerating appliances with a direct sales function:**
 - ProductGroupEnum: REFRIGERATING_APPLIANCE_WITH_DIRECT_SALES_FUNCTION
 - DelegatedActEnum: EU_TBD_DS_2019
- Add a complex type in schema ProductGroupInterfaces

In SpaceHeaterPackage

- Put MATH_EXPR_III as optional
- Put MATH_EXPR_IV as optional

In SolidFuelBoilerPackage

- Put MATH_EXPR_III as optional
- Put MATH_EXPR_IV as optional

UI and file upload

Some validations and ranges have been added or modified:

Packages of Space Heaters/Combination heaters:

GUI:

1. Move fields "Value of III $[294/(11 \times ? \text{Prated})]$ " and "Value of IV $[115/(11 \times ? \text{Prated})]$ " from "PREFERENTIAL HEATER" section to "SOLAR CONTRIBUTION" section.
 - Validation: Mandatory only when solar contribution = true.
2. Section "Supplementary heat pump" renamed to "Supplementary heater"
3. Section "SUPPLEMENTARY BOILER" removed and the 2 fields in the section "Seasonal space heating energy efficiency" and "Supplementary boiler contribution" moved back to "SUPPLEMENTARY HEATER".
4. Field "Seasonal space heating energy efficiency" renamed to "Supplementary boiler seasonal space heating energy efficiency"
5. Section "Supplementary heater" validation of completeness change:
 - Validation: Only 2 of these fields are mandatory, user can fill the 2 for Heat_pump ("Supplementary heat pump seasonal space heating energy efficiency" and "Supplementary heat pump contribution") or the 2 for Suppl_boiler ("Supplementary boiler seasonal space heating energy efficiency" and "Supplementary boiler contribution"), or both, but never none of them.
6. Field "Solar and supplementary heat pump combined contribution" becomes OPTIONAL

Packages of Space Heaters/Combination heaters:

GUI:

1. Move fields "Value of III $[294/(11 \times ? \text{Pr})]$ " and "Value of IV $[115/(11 \times ? \text{Pr})]$ " from "PREFERENTIAL HEATER" section to "SOLAR CONTRIBUTION" section.
 - Validation: Mandatory only when solar contribution = true.

New Excel files for file upload and UI:

EPREL Exchange Model Documentation 2.6.0:

Exchange model fields in Excel format:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/416219953/EPREL%20-%20Compliance%20site%20-%20Exchange%20model%20v2.24%20%282.6.0%29.xlsx?version=1&modificationDate=1573641037793&api=v2>

EPREL Guidelines:

Mandatory and optional fields for UI 1.15.0:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/285088651/EPREL%20-%20Compliance%20site%20-%20UI%20v2.21%20%281.15.0%29.xlsx?version=1&modificationDate=1573641537598&api=v2>

UI:

Packages of Space heaters/Combination heaters:

Some fields in the user interface have changed name or section, a section removed and validations changed (see “UI and file upload” above):

Category	<div>Space heater</div> <div>Combination heater</div>
PACKAGE	
Seasonal space heating energy efficiency class of package	A++
Seasonal space heating energy efficiency of package (%)	
Seasonal space heating energy efficiency of package (colder climate conditions) (%)	
Seasonal space heating energy efficiency of package (warmer climate conditions) (%)	
Space heater type	<div>Boiler</div> <div>Cogeneration</div> <div>Heat pump</div> <div>Low-temperature heat pump</div>
PREFERENTIAL HEATER	
Seasonal space heating energy efficiency class	
Seasonal space heating energy efficiency (%)	
Weight factor (Preferential and Supplementary heater)	
TEMPERATURE CONTROL	
<input type="checkbox"/>	
SOLAR CONTRIBUTION	
<input checked="" type="checkbox"/>	
Solar collector size (m2)	
Solar Tank volume (m3)	
Solar Collector efficiency (%)	
Solar Tank rating	
Solar contribution (%)	
Solar contribution (water heater) (%)	
Value of III [294/(11 x Prated)]	
Value of IV [115/(11 x Prated)]	
SUPPLEMENTARY HEATER	
<input checked="" type="checkbox"/>	
Supplementary heat pump seasonal space heating energy efficiency (%)	
Supplementary heat pump contribution (%)	
Solar and supplementary heat pump combined contribution (%)	
Low temperature heat emitters (%)	
Supplementary boiler seasonal space heating energy efficiency (%)	
Supplementary boiler contribution (%)	

Packages of solid fuel boilers:

Some fields in the user interface have changed section (see “UI and file upload” above):

SOLAR COLLECTORS

Collector size (m2)

Tank volume (m3)

Collector efficiency (%)

Tank rating

Solar contribution

Value of 294/(11 x Pr)

Value of 115/(11 x Pr)

New functionalities:

- Product model details:** Some sections of a product model have changed.
 - GUI:**
 - Equivalent models:** the page showing the list of equivalent models in the detail of a product model has been changed to show the Base model and its Equivalents in just one list. Base model is highlighted by an icon and different color for suppliers. MSA will see the same list, but will not see the Base model highlighted in any way, it is not important for MSA's to know which one is Base (concept not in Regulation), all are equivalents to each other for MSA's.

Supplier's view:

Navigation	Equivalent Models			
Public information	Equivalent models			
Label / Fiche				
Technical Documentation				
Equivalent Models				
Contacts				
Access Log				
Versions				

Model Identifier	Supplier's name/Trademark	Energy efficiency class	Date of first placing on the market	
Ⓢ OM007	Oscar test	A++	18/07/2019	
OM007 Equiv	Oscar test	A++	16/07/2019	

MSA's view:

Navigation	Equivalent Models			
Public information	Equivalent models			
Label / Fiche				
Technical Documentation				
Equivalent Models				
Contacts				
Access Log				
Versions				

Model Identifier	Supplier's name/Trademark	Energy efficiency class	Date of first placing on the market	
OM007	Oscar test	A++	18/07/2019	
OM007 Equiv	Oscar test	A++	16/07/2019	

- Access log:** this list shows a record of upload/download of technical documentation. This list is not accessible to MSA, only to suppliers for their models. The list shows only the name of the MSA organisation who downloaded technical documentation or the organisation who uploaded it (the same that owns the model). The name of the user who did it is kept secret in the database in case a supplier requests it after a possible security breach.

Supplier's view:

Navigation

Public information

Label / Fiche

Technical Documentation

Equivalent Models

Contacts

Access Log

Versions

Access Log

Date	Organisation	Operation
28/10/2019 16:41:03	MSA Authority ES 1	Download
09/09/2019 14:02:35	Oscar Ltd	Upload
09/09/2019 14:01:40	Oscar Ltd	Upload

1

- **Versions:** this list shows the versions of a model, supplier can see all the versions, MSA can see only versions "Published" or that were published before. The list shows now the "Publication date" instead of the "Date of creation" shown before. This list shows also the user name who created that version; this column only visible to Supplier Admin. Reason and comments are also visible.

Supplier's view:

Navigation

Public information

Label / Fiche

Technical Documentation

Equivalent Models

Contacts

Access Log

Versions

Version

Version	Publication date	User	Reason	Comment	Status
2	01/10/2019	nmiraosc	Correct typo		Published
1	09/09/2019	nmiraosc			Obsolete

1

MSA's view:

Navigation

Public information

Label / Fiche

Technical Documentation

Equivalent Models

Contacts

Versions

Version











Version	Publication date	Reason	Comment	Status
2	01/10/2019	Correct typo		Published
1	09/09/2019			Obsolete

1


▪ PRE-REGISTRATION of new Regulations 2019:

- GUI: Suppliers can now pre-register models for new Regulations, using minimum data (Supplier's name/Trademark and Model identifier), to obtain the "Registration number" that will be used to generate the QR code for the new labels. Homepage will show new buttons on the bottom, with different color and in a separate section. Pre-registered product will have always status "Incomplete", even if supplier enters a date of placement on the market, they will never be published until development of the fields of label/fiche is done next year 2020. Labels are not generated by EPREL yet, supplier has to use their own system to produce them. QR codes will be based on the URL that will be announced when available (Domain not fixed yet). It will be something like (only an example, do not use it): "[www.domain.eu/qr/\[Registration number\]](http://www.domain.eu/qr/[Registration number])". Suppliers needing the QR code should temporarily use a third/party/internal generator. Until public access will be implemented, the QR will lead to a message page, with the EC logo and the following message: "Display of the product data not yet available".

Homepage:

 <p>Packages of water heaters</p>	 <p>Hot water storage tanks for water heaters</p>	 <p>Solar devices for water heaters</p>	
NEW REGULATIONS 2019			
 <p>Household washer-dryers</p>	 <p>Household dishwashers</p>	 <p>Household washing machines</p>	 <p>Refrigerating appliances</p>
 <p>Light sources</p>	 <p>Refrigerating appliances with direct sales function</p>	 <p>Electronic displays</p>	


Product groups search page:



EPREL Compliance website

English | Oscar MIRALLES (nmira)

Electronic displays



This product group allows only pre-registration of models with minimum data so suppliers can already prepare their labels producing a QR code with the registration number assigned.

Register model

Search criteria

Model identifier

Supplier's name/Trademark

Date of first placing on the market from

Date of first placing on the market to

Energy efficiency class

Epel registration number	Model identifier	Supplier's name/Trademark	Status	Date of first placing on the market	Class
2899	OM001	Oscar test	Incomplete		

Open

Model detail:

TEST European Commission | EPREL Compliance website

English Oscar MIRALLES (miralosc)

Electronic displays
Delegated Regulation (EU) TDB_ED/2019
Eprel registration number 2899
Status Incomplete (Missing fields)
Model identifier OM001
Supplier's name/Trademark Oscar test

Navigation

- Public information
- Label / Fiche
- Technical Documentation
- Equivalent Models
- Contacts
- Access Log
- Versions

Actions

Back Delete

Public Information

Date of first placing on the market dd/mm/yyyy

Date of end of placement on the market dd/mm/yyyy

Energy efficiency class

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 it will be ignored. The system-generated label is displayed instead.

☐ I accept the labels generated by EPREL for this model

Save

- Exchange model: New enumeration values have been added to the exchange model (see list in section "Exchange model"). Only Operation "PREREGISTER_PRODUCT_MODEL" is allowed for these new Regulations. To pre-register a new model of this new product group with XML, see example below. **IMPORTANT:** temporary DELEGATED_ACT names have been used in the exchange model ("_TBD_", To Be Decided) because the new Regulations are still not published and the Regulation number is unknown. In December 2019, when numbers will be known, these enumerations will be changed in the exchange model with final values, supplier's system will need to be adapted.

Example XML:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns3:ProductModelRegistrationRequest
xmlns:ns2="http://eprel.ener.ec.europa.eu/productModel/productCore/v2"
xmlns:ns3="http://eprel.ener.ec.europa.eu/services/productModelService/modelRegistrationService/v2"
REQUEST_ID="TestSupplier183366773892341">
  <productOperation OPERATION_TYPE="PREREGISTER_PRODUCT_MODEL"
OPERATION_ID="myOp183366775877964">
    <MODEL_VERSION>
      <MODEL_IDENTIFIER>MyModelIdentifier</MODEL_IDENTIFIER>
      <SUPPLIER_NAME_OR_TRADEMARK>MyTrademark</SUPPLIER_NAME_OR_TRADEMARK>
      <DELEGATED_ACT>EU_TBD_DS_2019</DELEGATED_ACT>
      <PRODUCT_GROUP>REFRIGERATING_APPLIANCE_WITH_DIRECT_SALES_FUNCTION</PRODUCT_GROUP>
    </MODEL_VERSION>
  </productOperation>
</ns3:ProductModelRegistrationRequest>
```

- GUI Translations:** All 23 language versions have been added in EPREL. Some new texts on GUI and product information sheet have been added or modified since translations were received from the translation service in June 2019, mind when producing a fiche, some terms may appear in English

and some in the selected language. Translations will not be included in this PRODUCTION release, as there are some terms missing, they will be included sometime afterwards when final version is received from the translations service.

- **MSA:** The functionalities for MSA have been finalised. MSA's are able to access EPREL Compliance site with their registered user and view models in status "Published". MSA's can see all the details of a model, data of the label and product information sheet, download the label (both generated by EPREL and the uploaded by the supplier), view equivalent models, download technical documentation (**EPREL keeps log of this action, login MSA authority name visible to Supplier Admin**), Public contact, and versions history (reason for change and comments are shown to them together with access the the old model details).
 - **NOTE:** MSA authorities will be created and MSA users invited progressively during November/December 2019. MSA's will then start viewing the models registered. MSAs may take into consideration the delayed release of the modules for some products, in particular heating appliances in respect to other products. The calendar of updates and release dates of new modules can be found in the "Releases" page (<https://webgate.ec.europa.eu/fpfis/wikis/pages/viewpage.action?spaceKey=EPREL&title=Releases>).

Next steps:

- Bug fixing.
- Public site.

Update 7 October 2019:

This version includes fixes to minor issues signalled by suppliers when uploading their product models in the database manually or using system-to-system communication. It also adds some new functionalities and cosmetic changes.

Exchange model:

Based on feedback from the industry and internal reviews, updates have been applied to the exchange model as well:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.5.2>

V2.5.2

- ? Changes on baseType : add value APP_G to EnergyEfficiencyScaleEnum.
- ? Changes on Solid fuel boilers : add APPLICABLE_SCALE optional.
- ? Changes on Air conditioners : add APPLICABLE_SCALE optional.
- ? Changes on Space heater : add APPLICABLE_SCALE optional.
- ? Changes on RVU : REFERENCE_FLOW type changed to ThreeDecimals.
- ? Changes on Space heater package : WEIGHT_FACTOR_HEAT_OUTPUT becomes optional.

UI and file upload

Some validations and ranges have been added or modified:

Residential Ventilation Units:

REFERENCE_FLOW - Reference flow rate -> Added one decimal: Number (3 decimals) -> 0.01 - 999.99 CHANGED TO **0.001 - 999.999**

Air conditioners:

Only for Ducted: single duct and double duct

OUTDOOR_SOUND_POWER_COOLING -> CHANGED TO **OPTIONAL**

OUTDOOR_SOUND_POWER_HEATING -> CHANGED TO **OPTIONAL**

Packages of Space heaters/Combination heaters:

(Continuation of refactoring)

WEIGHT_FACTOR_HEAT_OUTPUT - Weight factor (Preferential and Supplementary heater) -> CHANGED TO **OPTIONAL**

New Excel files for file upload and UI:

EPREL Exchange Model Documentation 2.5.2:

Exchange model fields in Excel format:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/400983466/EPREL%20-%20Compliance%20site%20-%20Exchange%20model%20v2.23%20%282.5.2%29.xlsx?version=1&modificationDate=1570437793501&api=v2>

EPREL Guidelines:

Mandatory and optional fields for UI:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/285088651/EPREL%20-%20Compliance%20site%20-%20UI%20v2.20%20%281.13.0%29.xlsx?version=1&modificationDate=1570438412546&api=v2>

UI:

Packages of Space heaters/Combination heaters:

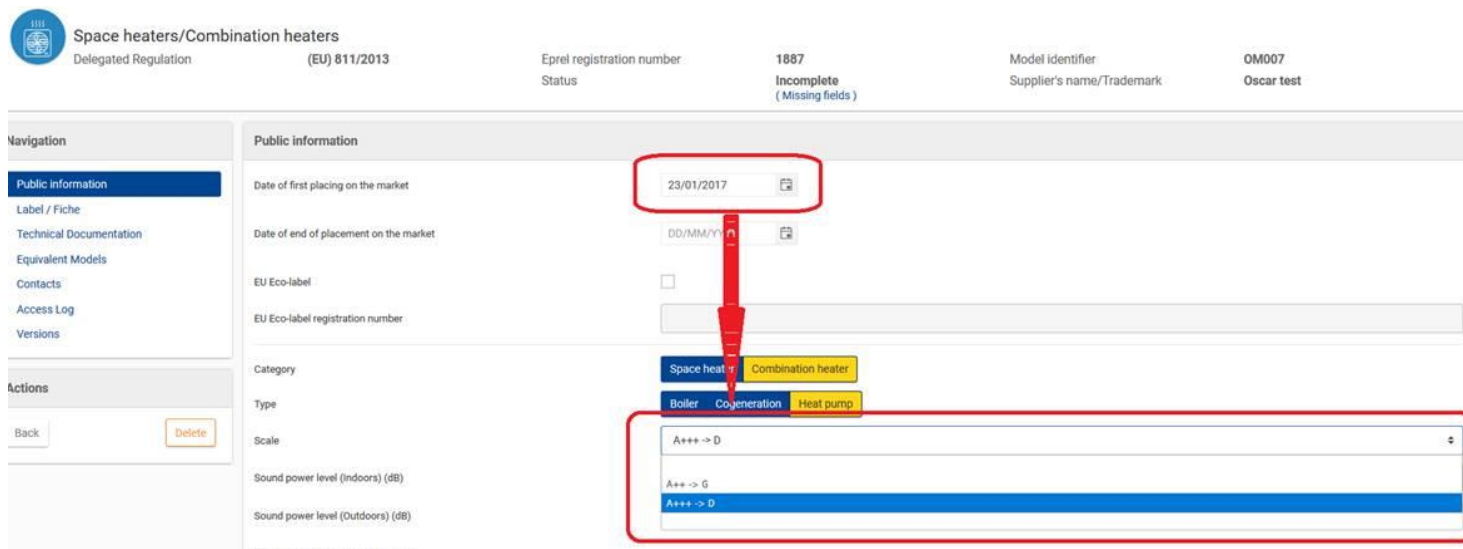
Some fields in the user interface have changed name or section:

- Packages of combination heaters: "Value of $[(220 \times Q_{ref})/Q_{nonsol}]$ " and "Value of $[(Q_{aux} \times 2,5)/(220 \times Q_{ref})]$ " -> Moved inside the section "Solar contribution"

SOLAR CONTRIBUTION	
Solar collector size (m2)	<input type="text"/>
Solar Tank volume (m3)	<input type="text"/>
Solar Collector efficiency (%)	<input type="text"/>
Solar Tank rating	<input type="text"/>
Solar contribution (%)	<input type="text"/>
Solar contribution (water heater) (%)	<input type="text"/>
Value of $[(220 \times Q_{ref})/Q_{nonsol}]$	<input type="text"/>
Value of $[(Q_{aux} \times 2,5)/(220 \times Q_{ref})]$	<input type="text"/>

New functionalities:

- ? **Label scale-range change:** Label scale does not depend only on date of placement on the market. There are models placed longtime ago, that after first placement need a new label because the energy efficiency range of classes has changed according to the Regulation, but without changing the first date of placement in EPREL.
 - Only for groups with new scale this year: **Solid fuel boilers, Air conditioners, Space heaters/Combination heaters.**
 - If needed, sometime after: Water heaters, Hot water storage tanks.
 - **File upload:**
 - ✍ New field APPLICABLE_SCALE. Scale may be passed at creation, it's optional. Scale and class can be updated or changed after publication. If not passed as parameter, the current scale at date of placement will be used.
 - **GUI:**
 - ✍ Registering new model: Show field "Scale" as drop-down with label scales available from the "Date of placement on the market", or with all scales if placement is not indicated. Label generation will be based on this "Scale", not on date of placement.
 - ✍ CHANGING a model (Published): After selecting any reason, user can change scale or class. Changing scale refills the classes drop-down with new range, changing the "Date of placement on the market" will refill the available scales. Label generation will be based on the new "Scale". Previous versions of the model will keep the old scale and label, as there will be units on the market with old labels. NOTE: We recommend using the "Reason for change" – "Label scale-range change" to do this change, so it will be easier for MSA to understand why the new scale is used.
 - ✍ Equivalent models: If editing/changing a Base model then "Scale" and "Class" values will be inherited in equivalent models.



Space heaters/Combination heaters
Delegated Regulation (EU) 811/2013

Eprel registration number: 1887
Status: Incomplete (Missing fields)

Model identifier: OM007
Supplier's name/Trademark: Oscar test

Navigation:

- Public information
- Label / Fiche
- Technical Documentation
- Equivalent Models
- Contacts
- Access Log
- Versions

Actions:

Back Delete

Public information

Date of first placing on the market: 23/01/2017

Date of end of placement on the market: DD/MM/YY

EU Eco-label: ☐

EU Eco-label registration number:

Category: Space heater Combination heater

Type: Boiler Cogeneration Heat pump

Scale: A++->D A++->G A+++->D

Sound power level (Indoors) (dB)

Sound power level (Outdoors) (dB)

Next steps:

- ? Bug fixing.
- ? MSA: Market Surveillance Authorities functionalities – User management, access to Published models, logging of download of technical documentation.
- ? New Regulations: Pre-registration of models for the 6 new Regulations in order to get a “Registration number” to be used in QR codes in supplier’s labels.
 - o Refrigerating appliances, Light sources, Electronic displays, Household dishwashers, Household washing machines and household washer-dryers, and Refrigerating appliances with a direct sales function.
- ? Translation of texts on GUI and product information sheets.

Update: 25 September 2019:

This version includes fixes to minor issues signalled by suppliers when uploading their product models in the database manually or using system-to-system communication. It also adds some new functionalities and cosmetic changes.

New Labels:

New labels are now available for the following product groups:

- Combination heaters - Heat pump
- Household refrigerating appliances

IMPORTANT: Please verify that the information shown in the PDF generated for the labels and the product fiche is correct and compliant with the specific Delegated Regulations.

Exchange model:

Based on feedback from the industry and internal reviews, updates have been applied to the exchange model as well:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.5.1>

V2.5.1

- Changes on space heater package : CombinationHeaterPackage WATER_HEATING_SOLAR_CONTRIBUTION change type from PercentageTwoDecimals to TwoDecimals
- Changes on solar devices for Water Heaters : SOLAR_COLLECTOR_SIZE, ZERO_LOSS_EFFICIENCY, FIRST_ORDER_COEFFICIENT, SECOND_ORDER_COEFFICIENT, and INCIDENCE_ANGLE become optional.

- Changes on solar devices for space Heaters : SOLAR_COLLECTOR_SIZE, COLLECTOR_EFFICIENCY, SOLAR_TANK_CLASS, and WATER_STORAGE_STANDING_LOSS become optional.
- Changes on package of solid fuel boilers : WEIGHT_FACTOR_HEAT_OUTPUT becomes optional.

UI and file upload

Some validations and ranges have been added or modified:

Domestic ovens:

- USE_VOL_CAVITY - Volume -> 1 - 99 CHANGED TO 1 – **999**
- ENERGY_CONS_CONV_MJ - Energy consumption per cycle (conventional mode) (gas) -> 0.01 - 9.99 CHANGED TO **0.01 - 99.99**
- ENERGY_CONS_FORCED_AIR_MJ - Energy consumption per cycle (fan-forced convection mode) (gas) -> 0.01 - 9.99 CHANGED TO **0.01 - 99.99**

Range hoods:

- POWER_OFF_MODE - Power consumption in off mode -> 0.01 - 100.00 CHANGED TO **0.00** - 100.00

Professional refrigerated storage cabinets:

- ENERGY_CONS_24H - Energy Consumption (E24h) -> 1 - 9999 CHANGED TO 1 - **99999**

Solar device for Water Heaters:

- SOLAR_COLLECTOR_SIZE - Solar collector aperture area -> CHANGED TO **OPTIONAL**
- ZERO_LOSS_EFFICIENCY - Zero-loss efficiency -> CHANGED TO **OPTIONAL**
- FIRST_ORDER_COEFFICIENT - First-order coefficient -> CHANGED TO **OPTIONAL**
- SECOND_ORDER_COEFFICIENT - Second-order coefficient -> CHANGED TO **OPTIONAL**
- INCIDENCE_ANGLE - Incidence angle modifier -> CHANGED TO **OPTIONAL**

Solar device for Space Heater:

- SOLAR_COLLECTOR_SIZE - Solar collector aperture area -> CHANGED TO **OPTIONAL**
- COLLECTOR_EFFICIENCY - Solar collector efficiency -> CHANGED TO **OPTIONAL**

- SOLAR_TANK_CLASS - Energy efficiency class of the solar hot water storage tank -> CHANGED TO **OPTIONAL**
- WATER_STORAGE_STANDING_LOSS - Standing loss of the solar hot water storage tank -> CHANGED TO **OPTIONAL**

Household dishwashers:

- DURATION_LEFT_ON_MODE - Duration of the left-on mode -> 1 - 1000 CHANGED TO **0** - 1000

Household refrigerating appliances:

- TEMP_RISE_TIME - Temperature rise time -> 0.0 - 99.9 CHANGED TO 0.0 - **999.9**

Residential Ventilation Units:

- REFERENCE_FLOW - Reference flow rate -> Added one decimal: Number (3 decimals) -> 0.01 - 999.99 CHANGED TO **0.001** - **999.999**
- CARRY_OVER - Carry over -> 0.1 - 100.0 CHANGED TO **0.0** - 100.0
- MIXING_RATE - Mixing rate -> 0.1 - 100.0 CHANGED TO **0.0** - 100.0

Packages of solid fuel boilers:

- WEIGHT_FACTOR_HEAT_OUTPUT - Weight factor -> CHANGED TO **OPTIONAL**

Packages of Space heaters/Combination heaters:

- SUPPL_BOILER_SEASONAL_HEATING_EFFICIENCY - Seasonal space heating energy efficiency -> CHANGED TO **OPTIONAL**
- SUPPL_BOILER_SEASONAL_HEATING_ENERGY_CONTRIBUTION - Supplementary boiler contribution -> CHANGED TO **OPTIONAL**
- WEIGHT_FACTOR_HEAT_OUTPUT - Weight factor (Preferential and Supplementary heater) -> CHANGED TO **OPTIONAL**
- SOLAR_CONTRIB_AND_SUPPL_HEAT_PUMP_ADJUSTMENT - "Solar contribution AND supplementary heat pump adjustment" -> 0.01 - 9999.99 CHANGED TO **0.00** - 9999.99
- SOLAR_CONTRIBUTION - Solar contribution (%) -> CHANGED TO **OPTIONAL**
- WATER_HEATING_SOLAR_CONTRIBUTION - Solar contribution (water heater) (%) -> CHANGED TO **OPTIONAL**

- WATER_HEATING_SOLAR_CONTRIBUTION - Solar contribution (water heater) -> File upload will now allow % bigger than 100, GUI already did.

New Excel files for file upload and UI:

EPREL Exchange Model Documentation 2.5.1:

Exchange model fields in Excel format:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/397050220/EPREL%20-%20Compliance%20site%20-%20Exchange%20model%20v2.22%20%282.5.1%29.xlsx?version=1&modificationDate=1569400355221&api=v2>

EPREL Guidelines:

Mandatory and optional fields for UI:


<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/285088651/EPREL%20-%20Compliance%20site%20-%20UI%20v2.10%20%281.12.0%29.xlsx?version=1&modificationDate=1569400976141&api=v2>

UI:

Packages of Space heaters/Combination heaters:

Some fields in the user interface have changed name or section:

- Checkbox "Supplementary boiler" renamed to "Hot water storage tank"
- New section "Supplementary boiler" added with no checkbox.
- Fields "Seasonal space heating energy efficiency (%)" and "Supplementary boiler contribution (%)" moved to new section "Supplementary boiler" as optional
- Field "Solar contribution AND supplementary heat pump adjustment" renamed to "Solar and supplementary heat pump combined contribution"
- Section "Hot water storage tank" have now no fields.


Packages of space heaters/Combination heaters
 Delegated Regulation (EU) 811/2013

Eprel registration number
 Status

2569
 Incomplete
 (Missing fields)

Model i
 Supply

Navigation

Public information
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Actions

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 Delete

Public information

Date of first placing on the market DD/MM/YYYY
 Date of end of placement on the market DD/MM/YYYY

Category
 Space heater
 Combination heater

PACKAGE
 Seasonal space heating energy efficiency class of package
 Seasonal space heating energy efficiency of package (%)
 Seasonal space heating energy efficiency of package (colder climate conditions) (%)
 Seasonal space heating energy efficiency of package (warmer climate conditions) (%)
 Space heater type
 Boiler
 Cogeneration
 Heat pump
 Low-temperature heat pump

PREFERENTIAL HEATER
 Seasonal space heating energy efficiency class
 Seasonal space heating energy efficiency (%)
 Weight factor (Preferential and Supplementary heater)
 Value of III [294/(11 x Prated)]
 Value of IV [115/(11 x Prated)]

SUPPLEMENTARY BOILER
 Seasonal space heating energy efficiency (%)
 Supplementary boiler contribution (%)

TEMPERATURE CONTROL
☐

HOT WATER STORAGE TANK
☒

SOLAR CONTRIBUTION
☐

SUPPLEMENTARY HEAT PUMP
☒

Supplementary heat pump seasonal space heating energy efficiency (%)
 Supplementary heat pump contribution (%)
 Solar and supplementary heat pump combined contribution (%)
 Low temperature heat emitters (%)

New functionalities:

- “Supplier's name/Trademark” added as new filter in all searches and shown in list of results.

Search criteria

Model identifier

Supplier's name/Trademark

Date of first placing on the market from

Date of first placing on the market to

Energy efficiency class

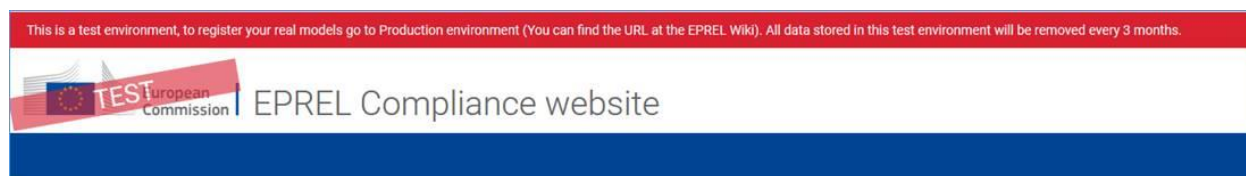
EpREL registration number	Model identifier	Supplier's name/Trademark	Status	Date of first placing on the market	Weighted energy consumption	Class
2401	OM003ref	Oscar test	Published	25/03/2019	160	A+

- File upload: All the reports (PDF/XML) will be removed after 6 months of being generated, to free disk space.

- Environment:

§ PILOT environment will be decommissioned.

§ When using ACCEPTANCE environment, user will see always a warning on top of the page to inform him that this is not the real environment where to register their models and that data and files will be removed every 3 months to free space. **All those suppliers who have registered their models in this environment by mistake, please, register your models again in PRODUCTION, they will not be copied by EC.**



- Status "Archived": It has been decided to not implement any other status in the lifetime of a model, as they are visible forever to everyone. Instead, a warning will be shown on screen to inform the Supplier and MSA that the model is not placed in the market anymore after "Date of end of placement on the market".

 Packages of space heaters/Combination heaters Delegated Regulation (EU) 811/2013		Eprel registration number Status	2365 Complete	M S				
 This model is not placed on the market anymore. The product model is not produced or simply not imported anymore, but can still be found on sale until out of stock.								
Navigation Public information Label / Fiche Technical Documentation Equivalent Models		Public information <div style="text-align: center;">↑</div> <table> <tr> <td>Date of first placing on the market</td> <td>06/11/2018</td> </tr> <tr> <td>Date of end of placement on the market</td> <td>15/09/2019</td> </tr> </table>			Date of first placing on the market	06/11/2018	Date of end of placement on the market	15/09/2019
Date of first placing on the market	06/11/2018							
Date of end of placement on the market	15/09/2019							

Next steps:

- Implementation of a number of minor new functionalities and cosmetic improvements.
- Bug fixing.
- Label scale range change for product groups: Solid fuel boilers, Air conditioners, Space heaters/Combination heaters.

Update: 11 September 2019:

This version includes fixes to minor issues signalled by suppliers when uploading their product models in the database manually or using system-to-system communication. It also adds some cosmetic changes.

The following examples are just the most visible ones to the supplier:

Labels

Some labels had wrong year when produced:

Water heaters:

Class scale: A+ - F -> Label generated with wrong year "2015" in bottom, now it is "2017"

Space heaters/Combination heaters:

Class scale: A+++ - D -> Label generated with wrong year "2015" in bottom, now it is "2019"

UI and fiche

Some units have been modified:

Local space heaters:

- Energy efficiency Index -> NO UNITS (REMOVED %)

Domestic ovens:

- Energy efficiency Index -> NO UNITS (REMOVED %)

Household tumble-dryers:

- Power Consumption of the off-mode (kWh) -> CHANGED TO (W)
- Power Consumption of the left-on mode (kWh) -> CHANGED TO (W)

Next steps:

- Implementation of a number of minor new functionalities and cosmetic improvements for suppliers.
- Bug fixing.

Update: 20 June 2019:

This version includes fixes to minor issues signalled by suppliers when uploading their product models in the database manually or using system-to-system communication. It also adds some new functionalities and cosmetic changes.

New Labels:

New labels are now available for the following product groups:

- Space heaters
 - Low-temperature heat pump
- Combination heaters
 - Boiler
 - Cogeneration

IMPORTANT: Please verify that the information shown in the PDF generated for labels and product fiche is correct and shown according to the Delegated Regulations.

Exchange model:

Based on feedback from the industry and internal reviews, updates have been applied to the exchange model as well:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.5.0>

V2.5.0

- Changes on solar devices for Water Heaters : SOLAR_TANK_VOLUME_LITRES, PUMP_POWER_CONSUMPTION, STANDBY_CONSUMPTION , ANNUAL_AUX_CONSUMPTION and NON_SOLAR_HEAT_CONTRIBUTION become OPTIONAL
- Changes on solar devices for space Heaters : SOLAR_TANK_VOLUME_LITRES, SOLAR_TANK_VOLUME_M3, PUMP_POWER_CONSUMPTION, STANDBY_CONSUMPTION, ANNUAL_AUX_CONSUMPTION and NON_SOLAR_HEAT_CONTRIBUTION become OPTIONAL
- Changes on space Heaters -Heat pumps : RATED_OUTPUT_COLD_CLIM_MEDIUM_TEMP and RATED_OUTPUT_WARM_CLIM_MEDIUM_TEMP and SEASONAL_HEATING_ENERGY_EFFICIENCY become OPTIONAL
- Changes on air conditioners : HEATING_HOURLY_ENERGY_CONSUMPTION and COOLING_HOURLY_ENERGY_CONSUMPTION become OPTIONAL (depending on whether the air conditioner is reversible or not).

V2.4.4

- Changes in EPREL base types : Change the regexp used for validating the URLs (httpURL) - New type EfficiencyAG_NA.
- Change in range hoods. "NA" (Not applicable) can be used as value for the Light Efficiency class for range hoods without lighting features.

UI and file upload

Some validations and ranges have been added or modified:

Lamps:

- Field ranges:

WEIGHTED_ENERGY_CONS - Weighted Energy Consumption (Ec) -> ~~1—9999~~ CHANGED TO 1 – 99999

Range hoods:

- Field ranges:

LIGHT_EFFICIENCY - Lighting Efficiency -> ~~0.1—999.9~~ CHANGED TO 0.0 - 999.9

LIGHT_CLASS - Lighting Efficiency class -> ADDED NEW ENUMERATION ITEM "NA", FOR "NOT AVAILABLE"

Water heaters:

- Field ranges:

LOAD_PROFILE - Load profile -> ADDED NEW PROFILE 3XS -> **3XS**, XXS, XS, S, M, L, XL, XXL

Space heaters/Combination heaters:

- Field validations:

RATED_OUTPUT_COLD_CLIM_LOW_TEMP - Heat pump: Rated heat output (colder climate conditions - Low-temperature) -> OPTIONAL

RATED_OUTPUT_COLD_CLIM_LOW_TEMP - Others: Rated heat output (colder climate conditions) -> OPTIONAL

RATED_OUTPUT_WARM_CLIM_LOW_TEMP - Heat pump: Rated heat output (warmer climate conditions - Low-temperature) -> OPTIONAL

RATED_OUTPUT_WARM_CLIM_LOW_TEMP - Others: Rated heat output (warmer climate conditions) -> OPTIONAL

ENERGY_ANNUAL_COLD_CLIM_KWH - Annual energy consumption – final energy (colder climate conditions) -> OPTIONAL

ENERGY_ANNUAL_COLD_CLIM_GJ - Annual energy consumption – GCV (colder climate conditions) -> OPTIONAL

ENERGY_ANNUAL_WARM_CLIM_KWH - Annual energy consumption – final energy (warmer climate conditions) -> OPTIONAL

ENERGY_ANNUAL_WARM_CLIM_GJ - Annual energy consumption – GCV (warmer climate conditions) -> OPTIONAL

RATED_OUTPUT_COLD_CLIM_MEDIUM_TEMP - Rated heat output (colder climate conditions – Medium temperature) -> OPTIONAL

RATED_OUTPUT_WARM_CLIM_MEDIUM_TEMP - Rated heat output (warmer climate conditions – Medium temperature) -> OPTIONAL

SEASONAL_HEATING_ENERGY_EFFICIENCY_COLD_CLIM_MEDIUM_TEMP - Seasonal space heating energy efficiency (colder climate conditions - Medium temperature) -> OPTIONAL

SEASONAL_HEATING_ENERGY_EFFICIENCY_WARM_CLIM_MEDIUM_TEMP - Seasonal space heating energy efficiency (warmer climate conditions - Medium temperature) -> OPTIONAL

ENERGY_ANNUAL_KWH_COLD_CLIM_MEDIUM_TEMP - Annual energy consumption – final energy (colder climate conditions - Medium temperature) -> OPTIONAL

ENERGY_ANNUAL_GJ_COLD_CLIM_MEDIUM_TEMP - Annual energy consumption – GCV (colder climate conditions - Medium temperature) -> OPTIONAL

ENERGY_ANNUAL_KWH_WARM_CLIM_MEDIUM_TEMP - Annual energy consumption – final energy (warmer climate conditions - Medium temperature) -> OPTIONAL

ENERGY_ANNUAL_GJ_WARM_CLIM_MEDIUM_TEMP - Annual energy consumption – GCV (warmer climate conditions - Medium temperature) -> OPTIONAL

WATER_HEATING_ENERGY_ANNUAL_COLD_CLIM_KWH - Annual electricity consumption – final energy (colder climate conditions) -> OPTIONAL

WATER_HEATING_ENERGY_ANNUAL_COLD_CLIM_GJ - Annual electricity consumption – GCV (colder climate conditions) -> OPTIONAL

WATER_HEATING_ENERGY_ANNUAL_WARM_CLIM_KWH - Annual electricity consumption – final energy (warmer climate conditions) -> OPTIONAL

WATER_HEATING_ENERGY_ANNUAL_WARM_CLIM_GJ - Annual electricity consumption – GCV (warmer climate conditions) -> OPTIONAL

Solar devices for Water Heaters:

- Field validations:

SOLAR_TANK_VOLUME_LITRES - Storage volume -> OPTIONAL

PUMP_POWER_CONSUMPTION - Pump power consumption -> OPTIONAL

STANDBY_CONSUMPTION - Standby power consumption -> OPTIONAL

ANNUAL_AUX_CONSUMPTION - Annual auxiliary electricity consumption -> OPTIONAL

Load profiles (NON_SOLAR_HEAT_CONTRIBUTION) -> OPTIONAL

Solar devices for Space Heaters:

- Field validations:

SOLAR_TANK_VOLUME_LITRES - Storage volume of the solar hot water storage tank -> OPTIONAL

SOLAR_TANK_VOLUME_M3 - Storage volume of the solar hot water storage tank -> OPTIONAL

PUMP_POWER_CONSUMPTION - Pump power consumption -> OPTIONAL

STANDBY_CONSUMPTION - Standby power consumption -> OPTIONAL

ANNUAL_AUX_CONSUMPTION - Annual auxiliary electricity consumption -> OPTIONAL

Load profiles (NON_SOLAR_HEAT_CONTRIBUTION) -> OPTIONAL

New Excel files for file upload and UI:

EPREL Exchange Model Documentation 2.5.0:

Exchange model fields in Excel format:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/362120983/EPREL%20-%20Compliance%20site%20-%20Exchange%20model%20v2.20%20%282.5.0%29.xlsx?version=1&modificationDate=1561022445360&api=v2>

EPREL Guidelines:

Mandatory and optional fields for UI:

<https://webgate.ec.europa.eu/fpfis/wikis/download/attachments/285088651/EPREL%20-%20Compliance%20site%20-%20UI%20v1.90%20%281.10.2%29.xlsx?version=1&modificationDate=1561021800016&api=v2>

New functionalities:

- Space heaters/Combination heaters:
 - UI has been redefined so fields now show if the value is for “Low-temperature” or for “Medium temperature”. Product information sheet has been adapted accordingly to show all “Low-temperature” and “Medium temperature”.
 - All fields for “Colder climate conditions” and “Warmer climate conditions” are now optional. Labels and fiche will show “-” if not filled.
 - If “Low-temperature application” is FALSE (checkbox not ticked on UI), now all the fields for “Low-temperature” are optional.
- Water heaters: For "Annual electricity consumption (kWh)" and "Annual fuel consumption (GJ)" one or the other or both is filled, same for “Colder” and “Warmer”, now the label allows for this and shows "-" if not filled.
- Air Conditioner:
 - Trying to upload a ZIP, function type = Cooling only, Duct type = Single duct, HEATING_HOURLY_ENERGY_CONSUMPTION was not needed in UI, but XML was asking to pass a value. Same happened in the other way around, function type = Heating only, Duct type = Single duct, COOLING_HOURLY_ENERGY_CONSUMPTION was not needed in UI, but XML asked to pass a value. Now this is not necessary.
 - Label must allow generation when: Function = Reversible or Heating only, and Ducted = Other. If values for "Warmer season" or "Colder season" are not filled, it will show "X".
- Equivalent models: Some improvements have been added to this functionality: When doing “Update” of an “Equivalent model” via file upload, all fields in <PRODUCT_GROUP_DETAIL> must be specified in the XML file, but only the specific fields mentioned below will be updated, the rest of fields from label/fiche will not be changed.

- Air Conditioners:
 - INDOOR_MODEL_IDENTIFIER - Indoor Model Identifier (MULTIPLE FIELD)
 - OUTDOOR_MODEL_IDENTIFIER - Outdoor Model Identifier
- Residential ventilation units:
 - VISUAL_FILTER_WARNING_POSITION - Position of visual filter warning (MULTIPLE LANGUAGE FIELD)
 - VISUAL_FILTER_WARNING_DESCRIPTION - Description of visual filter warning (MULTIPLE LANGUAGE FIELD)
 - GRILLE_INSTALLATION_INSTRUCTIONS - Instructions to install regulated supply/exhaust grilles in the façade for natural air supply/extraction (MULTIPLE LANGUAGE FIELD)
 - ONLINE_INSTRUCTIONS - Pre-/dis-assembly instructions URL
- Solid fuel boilers:
 - SPECIFIC_PRECAUTIONS - Specific precautions (MULTIPLE LANGUAGE FIELD)
- Water heaters:
 - THERMOSTAT_DEFAULT_SETTINGS - Thermostat temperature settings (MULTIPLE LANGUAGE FIELD)
 - SPECIFIC_INSTRUCTIONS - Specific precautions (MULTIPLE LANGUAGE FIELD)
 - SMART_TEXTUAL_INDICATION - Smart indication (MULTIPLE LANGUAGE FIELD)
- Space heaters:
 - SPECIFIC_PRECAUTIONS - Specific precautions (MULTIPLE LANGUAGE FIELD)
- Local space heaters:
 - SPECIFIC_PRECAUTIONS - Specific precautions (MULTIPLE LANGUAGE FIELD)

Next steps:

- Implementation of a number of minor new functionalities and cosmetic improvements.
- Implementation of more labels and product information sheets (aka product fiche).
- Bug fixing.

Update: 6 May 2019:

A new version of EPREL has been made available in the **PRODUCTION** environment:

<https://energy-label.ec.europa.eu>

This version includes fixes to minor issues signalled by suppliers when uploading their product models in the database manually or using system-to-system communication. It also adds some new functionalities and cosmetic changes.

New Labels:

New labels are now available for the following product groups:

- Air conditioners
- Water heaters
- Space heaters/Combination heaters
 - Space heater-Boiler
 - Space heater-Cogeneration
 - Space heater-Heat pump

IMPORTANT: Please verify that the information shown in the PDF generated for labels and product fiche is correct and shown according to the Delegated Regulations.

UI and file upload

Some validations and ranges have been added or modified:

Televisions:

- Field ranges:

ENERGY_CONS_ANNUAL - annual energy consumption > 1 - 999 CHANGED TO **1 – 9999**

New functionalities:

1. Packages of water heaters: UI has been redefined so fields now belong to their correct section (i.e. “Value of II: $(220 \times Q_{ref})/Q_{nonsol}$ ” now belongs to section “Solar contribution”).
2. Equivalent models: Some improvements have been added to this functionality:
 - i. Recalling that modifying a base model affects all equivalent models (if any), editing a base model in status "Published" creates a new version of the model. Any associated equivalent model is not immediately synchronised. Equivalent models are synchronised (i.e. re-associated to the new version) only once the base model is “published”. If any equivalent model was in status "Published", a new version of the equivalent is created automatically in status "Rebased", with the correct association to the new version. The “Rebased” version is published automatically once the new version of the base model is published. Equivalent models in status “Incomplete” or “Complete”, are now synchronised directly.
 - ii. Legacy: If any base model was in status “Incomplete” (not possible anymore), the data will be not synchronised with its equivalent models till the moment the base model becomes “Complete”. Once “Complete”, it cannot become “Incomplete” anymore.
 - iii. Changing the status of a base model from “Complete” to “Incomplete” is not possible when equivalent models are associated.
 - iv. Deleting a base model “Incomplete” or “Complete” is not possible when one or more equivalent models are associated.
 - v. Equivalent models always share the latest version of the technical documentation of their base model.

Wiki:

New documents have been uploaded to the wiki:

- Documentation - Which products/models to register and by when:
<https://webgate.ec.europa.eu/fpfis/wikis/pages/viewpage.action?pageId=344429814>
- Documentation – EPREL Guidelines (NEW document “EPREL - User Guide - 05 Model registration - Equivalent models”):
<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/Releases>

- Planning - Releases:
<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/Releases>

Next steps:

- Implementation of a number of minor new functionalities and cosmetic improvements.
 - Implementation of more labels and product information sheets (aka product fiche).
 - Improvement of the synchronisation between base model data and its equivalent models “on file upload”.
 - Bug fixing.
-

Update: 25 March 2019:

This version fixes some small issues found by suppliers when uploading their product models in the database and adds some new functionalities and cosmetic changes.

IMPORTANT: Vacuum cleaners:

It is no longer possible to register models for the vacuum cleaners product group, button for this product group has been removed from the screen. Existing registrations will be deleted.

System-to-system:

ACCEPTANCE: System-to-system now allows connection of multiple suppliers using only one Access Point, installed in one of the suppliers or in a service provider.

Suppliers can ask connection using this new option filling the form available and sending it to ENER-EPREL-HELPDESK@ec.europa.eu, find the form at:

<https://webgate.ec.europa.eu/fpfis/wikis/pages/viewpage.action?pageId=238193052>

For more information on how to ask connection and test, consult our guidelines (Point 3):

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Guidelines>

New Product information sheets:

New product information sheets are now available in the following product groups:

- Space heaters – Solar devices
- Space heaters/Combination heaters

New Labels:

New labels are now available in the following product groups:

- Professional refrigerated storage cabinets
- Solid fuel boilers
- Packages of Solid fuel boilers
- Hot water storage tanks
- Household tumble driers
- Packages of water heaters
- Packages of space heaters

IMPORTANT: Please verify that the information shown in the PDF generated for labels and fiche is correct and shown according to the Delegated Regulations.

Exchange model:

Based on feedback from the industry and internal reviews, updates have been applied to the exchange model as well:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.4.3>

V2.4.3

- Change on spaceHeaterPackage: Type of DIFF_HEATING_EFFICIENCY_COLD_AVG and DIFF_HEATING_EFFICIENCY_WARM_AVG change in order to accept negative values.
- The cardinality of the one to many association between ProductModelRegistrationService and ProductOperationResult has been modified from 1..* to 0..* so that EPREL can generate a structurally valid response in case of global error.

V2.4.2

Product model core:

- Change on productModelCore: multiple energy labels are now allowed.

UI and file upload

Some validations and ranges have been added or modified:

Residential ventilation units:

- Field ranges:

REFERENCE_PRESSURE_DIFFERENCE - Reference pressure difference -> 1 - 999999 CHANGED TO 0 - 999999

Professional refrigerated storage cabinets:

- Field ranges:

ENERGY_CONS_ANNUAL - Annual Energy Consumption -> 1 - 999 CHANGED TO 1 - 9999

Space heaters - Solar device:

- Field ranges:

PUMP_POWER_CONSUMPTION - Pump power consumption -> 1 - 999 CHANGED TO 0 - 999

STANDBY_CONSUMPTION - Standby power consumption -> 0.01 - 999.99 CHANGED TO 0.00 - 999.99

ANNUAL_AUX_CONSUMPTION - Annual auxiliary electricity consumption -> 1 - 9999 CHANGED TO 0 - 9999

SOLAR_TANK_VOLUME_M3 - Storage volume of the solar hot water storage tank (m3) -> 1.000 - 999.999 CHANGED TO 0.001 - 999.999

OUTDOOR_NOISE - Sound power level (Outdoors) -> 1 - 99 CHANGED TO 0 - 99

Water heaters - Solar device:

- Field ranges:

PUMP_POWER_CONSUMPTION - Pump power consumption -> 1 - 999 CHANGED TO 0 - 999

STANDBY_CONSUMPTION - Standby power consumption -> 0.01 - 999.99 CHANGED TO 0.00 - 999.99

ANNUAL_AUX_CONSUMPTION - Annual auxiliary electricity consumption -> 1 - 9999 CHANGED TO 0 – 9999

Household combined washer-drier:

- Field units:

Annual water consumption washing, spinning and drying (complete operating cycle) (liters) -> CHANGED TO “Litres”

Annual Water consumption washing and spinning (washing cycle) (liters) -> CHANGED TO “Litres”

Package of space heaters:

- Field ranges:

WEIGHT_FACTOR_HEAT_OUTPUT - Weight factor (Preferential and Supplementary heater) -> 0.01 - 99.99 CHANGED TO 0.00 - 99.99

DIFF_HEATING_EFFICIENCY_COLD_AVG - Difference between the seasonal space heating energy efficiencies under average and colder climate conditions -> 0.01 - 99.99 CHANGED TO -99.99 - 99.99

DIFF_HEATING_EFFICIENCY_WARM_AVG - Difference between the seasonal space heating energy efficiencies under warmer and average climate conditions -> 0.01 - 99.99 CHANGED TO -99.99 - 99.99

SUPPL_BOILER_SEASONAL_HEATING_ENERGY_CONTRIBUTION - Supplementary boiler contribution -> 0.01 - 999.99 CHANGED TO -999.99 - 999.99

Package of water heaters:

- Field ranges:

WATER_HEATER_ENERGY_CLASS - Water heating energy efficiency class of the water heater -> List A+++ - G CHANGED TO A+ - G

Air conditioners:

- Field ranges:

OUTDOOR_SOUND_POWER_COOLING - Outside sound power levels -> 1 - 99 CHANGED TO 0 -99

OUTDOOR_SOUND_POWER_HEATING - Outside sound power levels -> 1 - 99 CHANGED TO 0 -99


Lamps:





- Field ranges:

WEIGHTED_ENERGY_CONS - Weighted Energy Consumption (Ec) -> 1 - 999 CHANGED TO 1 - 9999

New functionalities:

- Multiple labels: Uploading multiple labels in a model is now allowed. This is useful for cases like Domestic Ovens which need one label for each cavity or Household combined washer-driers which can have a different label for each language.


Supplier Label
Valid file types : pdf, jpeg, tiff, png and svg

14/03/2019	Label cavity (1).pdf	 
14/03/2019	Label cavity (2).pdf	 

Label cavity (2).pdf

Browse

Upload Label

Reset

- Multiple labels are also allowed using file upload, just repeat the tag <ENERGY_LABEL> as many times as labels (attachments) to upload:

```

<ENERGY_LABEL xsi:type="ns5:SupplierEnergyLabel"
xmlns:ns5="http://eprel.ener.ec.europa.eu/commonTypes/EnergyLabelTypes/v2"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <FILE_PATH>/attachments/label1.pdf</FILE_PATH>
</ENERGY_LABEL>
<ENERGY_LABEL xsi:type="ns5:SupplierEnergyLabel"
xmlns:ns5="http://eprel.ener.ec.europa.eu/commonTypes/EnergyLabelTypes/v2"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
    <FILE_PATH>/attachments/label2.pdf</FILE_PATH>
</ENERGY_LABEL>

```

- Delete users: If user has role Supplier Admin, now he can delete other users. Click on “Delete” and a warning will be shown to confirm the action. A notification email will be sent to the user to inform him about the deletion. As the warning explains, user is only deleted physically if he has not done any action that requires tracing otherwise he is only disabled. A deleted or disabled user cannot login in the system, but it can be invited again by the same or any other supplier organisation. Tracing means keeping a log of who uploaded/downloaded technical documentation as asked by Regulation 1369/2017 Article 12.8(e): “Traceability of data access for the supplier with regard to its technical documentation.”

General Information	Users						
Brands/Trademarks	<div> <div>Invite</div> </div>						
Contacts	Role	Name	Surname	Email	Status	Created date	Actions
Users	Supplier Admin				Active	03/01/2019	Change role Delete
	Supplier Admin				Active	03/01/2019	Change role Delete

- Equivalent models: Some improvements have been added to this functionality:

- Editing a base model in status "Complete" will synchronise the data with its equivalent models automatically. If an equivalent model was in status "Published", a new version will be created automatically in status "Rebased" with the data synchronised. This version will be published the next time the process of publication runs. In the meantime the supplier can modify this "Rebased" version again clicking "Change" button, always the latest version with synchronised data will be published.

New guidelines:

Guidelines documents are now covering all the functionality of the UI, file upload and system-to-system. Visit the page:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Guidelines>

Next steps:

- Implementation of a number of minor new functionalities and cosmetic improvements.
- Implementation of more labels and product information sheets.
- Deletion of all vacuum cleaner information from the database and related files (labels and technical documentation)
- Improvement of synchronisation of base model data and its equivalent models.
- Bug fixing.

Update: 22 February 2019:

This version fixes some small issues found by suppliers when uploading their product models in the database and adds some new functionalities.

New Product information sheets:

New product information sheets are now available in the following product groups:

- Water heaters – Solar devices
- Space heaters – Temperature controls

IMPORTANT: Please verify that the information shown in the PDF generated is correct and shown according to the Delegated Regulations.

Exchange model:

There are no changes to the exchange model.

UI and file upload

Some validations and ranges have been added or modified:

Space heaters - Solar device:

- Field ranges:

SOLAR_TANK_VOLUME_M3 - Storage volume of the solar hot water storage tank (m3) -> Number (3 decimals): 1 - 999 CHANGED TO 1.000 - 999.999

- Field units:

SOLAR_TANK_VOLUME_LITRES - Storage volume of the solar hot water storage tank (Liters) -> CHANGED TO (Litres)

Water heaters - Solar device:

- Field units:

SOLAR_TANK_VOLUME_LITRES - Storage volume (Liters) -CHANGED TO (Litres)

Water heaters:

- Field ranges:

OUTDOOR_NOISE - Sound power level (Outdoors) -> 1 - 99 CHANGED TO 0 - 99

Household refrigerating appliances:

- Field ranges:

NOISE - Airborne acoustical noise emissions -> 1 - 99 CHANGED TO 0 - 99

Residential ventilation units:

- Field ranges:

ENERGY_ANNUAL - Annual Electricity Consumption -> 0.1 - 999.9 CHANGED TO 0.1 - 9999.9

Professional refrigerated storage cabinets:

- Field ranges:

CAP_CHILLED_NET - Volume (Chilled) -> 1 - 9999 CHANGED TO 0 - 9999

CAP_FREEZE_NET - Volume (Frozen) -> 1 - 9999 CHANGED TO 0 - 9999

Water heaters - Hot water storage tanks:

- Field ranges:

WATER_STORAGE_STANDING_LOSS - Standing loss -> 1 - 99 CHANGED TO 1 - 999

Tumble driers:

- Field ranges:

POWER_OFF_MODE - Power Consumption of the off-mode -> 0.01 - 999.99 CHANGED TO 0.00 - 999.99

CAP_COTTON - Rated capacity -> 0.1 - 9.9 CHANGED TO 0.1 - 99.9

Household washing machines:

- Field ranges:

POWER_OFF_MODE - Power Consumption of the off-mode -> 0.01 - 999.99 CHANGED TO 0.00 - 999.99

Household dishwashers:

- Field ranges:

POWER_OFF_MODE - Power Consumption in off-mode -> 0.01 - 999.99 CHANGED TO 0.00 - 999.99

New functionalities:

- The warning/error messages are now shown as a small screen that needs to be closed manually and not as small red square in the bottom right corner of the screen. That will make easier to the user to recognise that something went wrong and take action.

Product model creation

Product base information

Model identifier *

gfdrgte


Supplier's name/Trademark *

Select a supplier's name or trademark from list...

or

ter


Error on save

 This combination of Product group/Delegated act/Supplier organisation name/Model identifier/Supplier name or trademark already exists in the database.

OK

Cancel Create

- If user has role Supplier Admin, now he can change the role of other users. He cannot change his own role. Click on “Change role” and a form will open showing a list of roles (Supplier Admin, Supplier User). Select the new role from the list and permissions will change for the user. A notification email will be sent to the user to inform him about the change on his role.

Role	Name	Surname	Email	Status	Created date	Actions
Supplier Admin				ACTIVE	03/01/2019	 Change role
Supplier Admin				ACTIVE	03/01/2019	Change role

- Now all the lists in the pages are sortable by all columns and the lists are limited to 20 records. Navigation buttons allow to move to First 20, Previous 20, Next 20 and Last 20. This improves the performance of the pages when big amounts of data is shown.
- Equivalent models: Some restrictions and improvements have been added to this functionality:
 - Supplier cannot create equivalent models from a base model in status “Incomplete” anymore using the UI. Base models have to be “Complete” or “Published” always. This will avoid issues when editing the base model and equivalents not being synchronised.
 - If supplier is editing a base model in status “Complete” and due to this edition the model will become “Incomplete”, the system will not allow him to save the changes. Base models cannot be “Incomplete” to avoid issues when synchronising its equivalent models.
 - Field “EU Eco-label” will never be copied from base model to equivalent models. It is a characteristic specific to each model.
 - Some specific fields will be copied only on creation of the equivalent models. They will not be synchronised if modified afterwards in the base model. These fields are specific of each model (basically textual fields) and they can be edited in the equivalents if they need to be different from the base model using the UI. If they are exactly the same as the base model, the supplier will have to edit them individually in each equivalent when changing them in the base model. Those fields are:
 - Air Conditioners:

- INDOOR_MODEL_IDENTIFIER - Indoor Model Identifier (MULTIPLE FIELD)
- OUTDOOR_MODEL_IDENTIFIER - Outdoor Model Identifier
- Residential ventilation units:
 - VISUAL_FILTER_WARNING_POSITION - Position of visual filter warning
 - VISUAL_FILTER_WARNING_DESCRIPTION - Description of visual filter warning
 - GRILLE_INSTALLATION_INSTRUCTIONS - Installation instructions
 - ONLINE_INSTRUCTIONS - Pre-/dis-assembly instructions URL
- Solid fuel boilers:
 - SPECIFIC_PRECAUTIONS - Specific precautions
- Water heaters:
 - THERMOSTAT_DEFAULT_SETTINGS - Thermostat temperature settings
 - SPECIFIC_INSTRUCTIONS - Specific precautions
 - SMART_TEXTUAL_INDICATION - Smart indication
- Space heaters:
 - SPECIFIC_PRECAUTIONS - Specific precautions
- Local space heaters:
 - SPECIFIC_PRECAUTIONS - Specific precautions

New guidelines:

Guidelines documents are now covering all the functionality of the UI, file upload and system-to-system. Visit the page:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Guidelines>

Next steps:

- Implementation of a number of minor new functionalities and cosmetic improvements.
- Implementation of more labels and product information sheets.
- Deletion of all vacuum cleaner information from the database and related files (labels and technical documentation)
- Improvement of synchronisation of base model data and its equivalent models.
- Bug fixing.

Update: 4 February 2019:

This version fixes some small issues found by suppliers when uploading their product models in the database and add some new functionalities.

IMPORTANT: Vacuum cleaners:

The General Court annulled (Case T-544/13 RENV) the Commission Delegated Regulation (EU) No 665/2013 on the energy labelling of vacuum cleaners on 8 November 2018, on the basis that the test method did not reflect real life usage closely enough. This judgment took effect on 18 January 2019.

Due to this judgment, it is no longer possible to register models for the vacuum cleaners product group. Existing registrations will be deleted, as there is no legal basis for vacuum cleaner information to be entered into the database.

System-to-system:

After allowing a period to the suppliers for testing system-to-system in ACCEPTANCE, we have not received any feedback.

System-to-system is now available in PRODUCTION.

Suppliers can ask connection to PRODUCTION filling the form available and sending it to ENER-EPREL-HELPDESK@ec.europa.eu, find the form at:

<https://webgate.ec.europa.eu/fpfis/wikis/pages/viewpage.action?pageId=238193052>

For more information on how to ask connection and test, consult our guidelines (Point 3):

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Guidelines>

New Product groups:

All product groups are now available (these groups have no label in the Regulation thus generation is not available):

- Water heaters – Solar devices
- Space heaters – Solar devices
- Space heaters – Temperature controls

New Product information sheets:

New product information sheets are now available in the following product groups:

- Air conditioners

Exchange model:

Based on feedback from the industry and internal reviews, updates have been applied to the exchange model as well:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.4.1>

V2.4.1

Space heater packages:

- In the type CombinationHeaterPackages, values greater than 100 are now accepted for the attributes COMBI_MATH_EXPR_II and COMBI_MATH_EXPR_II.
- Change in the documentation of the Attribute "WEIGHTED_EFFICIENCY" (deprecated).

Solar devices (in both water heater and space heaters auxiliary devices schema):

- The cardinality of the relation with NonSolarHeatContribution has been relaxed by moving from 4 to [1..4].

“!DEPRECATED!

WEIGHTED_EFFICIENCY and LOW_TEMP_EMITTERS are duplicates.

Please use the attribute LOW_TEMP_EMITTERS since WEIGHTED_EFFICIENCY might be removed from the major version of the package of space heater schema.

In the current situation, WEIGHTED_EFFICIENCY will be taken into account only if no value is provided for "LOW_TEMP_EMITTERS" and will be ignored in any other cases.”

Exchange model Excel list of fields:

The Excel listing all the fields to be passed in the XMLs when using file upload or system-to-system has been updated with all the product groups and all the fields for each product group have been put in the correct order to match the XML order. Now when creating your XML files, you can verify that you are adding the fields in the correct order. Using the wrong order fails to upload the files in EPREL.

See the Excel at section “Exchange model fields in Excel format” in the link mentioned above.

UI and file upload

Some validations and ranges have been added or modified:

Range hoods:

- Field units:

FLUID_DYNAMIC_EFFICIENCY - Fluid Dynamic Efficiency -> **% REMOVED**, IT HAS NO UNITS

Packages of solid fuel boilers:

- Field ranges:

MATH_EXPR_III - value of III $[294/(11 \cdot Pr)]$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

MATH_EXPR_IV - value of IV $[115/(11 \cdot Pr)]$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

Packages of water heaters:

- Field ranges:

MATH_EXPR_II - Value of II: $(220 \times Q_{ref})/Q_{nonsol}$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

MATH_EXPR_III - Value of III: $(Q_{aux} \times 2.5)/(220 \times Q_{ref})$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

Packages of space heaters:

- Field ranges:

MATH_EXPR_III - Value of III $[294/(11 \times \text{Prated})]$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

MATH_EXPR_IV - Value of IV $[115/(11 \times \text{Prated})]$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

COMBI_MATH_EXPR_II - Value of $[(220 \times \text{Qref})/\text{Qnonsol}]$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

COMBI_MATH_EXPR_III - Value of $[(\text{Qaux} \times 2,5)/ (220 \times \text{Qref})]$ -> 0.01 - 999.99 CHANGED TO **0.00** - 999.99

Space heaters:

- Field validations:

ENERGY_ANNUAL_KWH_MEDIUM_TEMP - Annual energy consumption – final energy (average climate conditions – Medium temperature)

ENERGY_ANNUAL_GJ_MEDIUM_TEMP - Annual energy consumption – GCV (average climate conditions – Medium temperature)

Only kWh or GJ must be filled or both

ENERGY_ANNUAL_KWH_COLD_CLIM_MEDIUM_TEMP - Annual energy consumption – final energy (colder climate conditions - Medium temperature)

ENERGY_ANNUAL_GJ_COLD_CLIM_MEDIUM_TEMP - Annual energy consumption – GCV (colder climate conditions - Medium temperature)

Only kWh or GJ must be filled or both

ENERGY_ANNUAL_KWH_WARM_CLIM_MEDIUM_TEMP - Annual energy consumption – final energy (warmer climate conditions - Medium temperature)

ENERGY_ANNUAL_GJ_WARM_CLIM_MEDIUM_TEMP - Annual energy consumption – GCV (warmer climate conditions - Medium temperature)

Only kWh or GJ must be filled or both

- Field units:

Annual energy consumption – GCV (average climate conditions – Medium temperature) (kWh) -> MUST BE "GJ" IN UI

Annual energy consumption – GCV (colder climate conditions - Medium temperature) (kWh) -> MUST BE "GJ" IN UI

Annual energy consumption – GCV (warmer climate conditions - Medium temperature) (kWh) -> MUST BE "GJ" IN UI

Local space heaters:

- Field validations:

INDIRECT_HEAT_OUTPUT - Indirect heat output -> NOW IT IS OPTIONAL

Household refrigerating appliances:

- Field units:

CAP_REFR_NET - Sum of the storage volumes of all compartments that do not merit a star rating -> UNIT IS NOW "Litres" IN UI

CAP_FREEZE_NET - Sum of the storage volumes of all frozen-food storage compartments that merit a star rating -> UNIT IS NOW "Litres" IN UI

CAPACITY - Storage Volume -> UNIT IS NOW "Litres" IN UI

Domestic ovens:

- Field units:


USE_VOL_CAVITY - Volume -> UNIT IS NOW "Litres" IN UI

New functionalities:

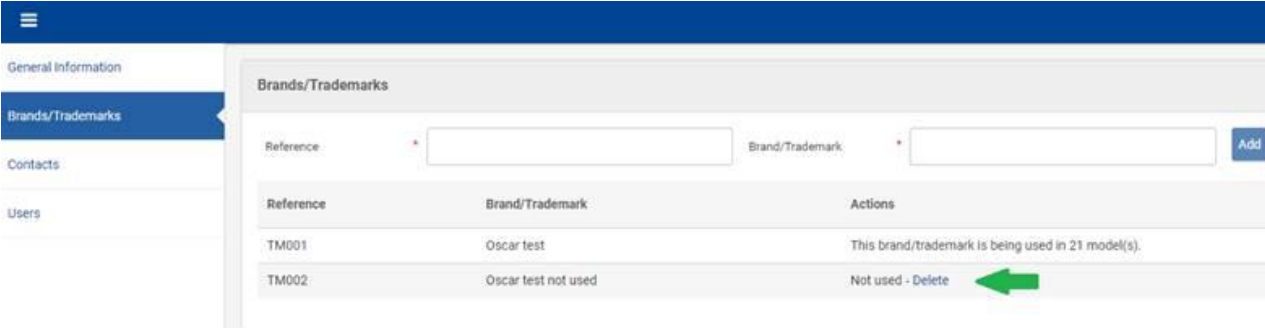
- Missing fields list: A list of all the fields that are not filled is now shown and accessible next to the status "Incomplete". Fields with missing/incorrect content, impeding the model to become "Complete", are now highlighted. This functionality has been extended to the following product groups:
 - Water heaters – Solar devices

- Space heaters – Solar devices
- Space heaters – Temperature controls

In product groups where this functionality is not implemented, the notification message has been changed as it caused confusion to users, make them think that it was the product group which was not implemented. Now it is clearer that it is the functionality only missing.



- Delete Trademarks from Organisation: Now it is possible to remove a trademark from the list of trademarks of an organisation, only if it has never been used in a product model, in this case it will show a text telling in how many models have been used.



- Delete Contacts from Organisation: Now it is possible to remove a contact from the list of contacts of an organisation, only if it has never been used in a product model, in this case it will show a text telling in how many models have been used.

General Information
Brands/Trademarks
Contacts
Users

Contact #2
Edit

This contact is being used in 1 model(s).

Reference	unqiREF2
Service name	service2
First name	firstName2
Last name	lastName2
Phone	00001111
Email	test2@test.com
Website	https://webgate.ec.europa.eu/eprel
Address	Blabla

Contact #3
Edit

Not used - Delete

Reference	unqiREF3
Service name	service3

Next steps:

- Implementation of a number of minor new functionalities.
- Implementation of more labels and product information sheets.
- Bug fixing.

Update: 14 December 2018:

The first version of EPREL has been made available in the **PRODUCTION** environment: <https://energy-label.ec.europa.eu>

This environment is secured and it is the one that suppliers have to use to register their models from 1st January 2019.

REGULATION (EU) 2017/1369

Article 4

Obligations of suppliers in relation to the product database

1. As from 1 January 2019, the supplier shall, before placing on the market a unit of a new model covered by a delegated act, enter in the public and compliance parts of the product database the information for that model, as set out in Annex I.

2. Where units of models covered by a delegated act are placed on the market between 1 August 2017 and 1 January 2019, the supplier shall, by 30 June 2019, enter in the product database the information set out in Annex I in relation to those models.

[...]

3. The supplier may enter in the product database the information for models, as set out in Annex I, the units of which were exclusively placed on the market before 1 August 2017

Exchange model:

The exchange model to use it is the last version published:

<https://webgate.ec.europa.eu/fpfis/wikis/display/EPREL/EPREL+Exchange+Model+Documentation+v2.3.4>

List of changes to fields in product groups in UI:

These are the only changes applied to UI since last version released, suppliers do not need to change anything, just when introducing values in these fields using UI.

Household dishwashers:

Power consumption in off-mode -> NOW UNIT IS: **W**

Power consumption in left-on mode -> NOW UNIT IS: **W**

Household washing machines:

Power Consumption of the off-mode -> NOW UNIT IS: **W**

Power Consumption of the left-on mode -> NOW UNIT IS: **W**

Support:

Support during the Christmas period (24 December – 4 January) will be available during working days on 26, 27 & 28 December 2018 and 3 & 4 January 2019 and from 9:00 to 17:00.