

## 2 – HOW TO CONVERT PARAMETER PROJECT

### 2.1 Introduction

---

UNIFLOW-200 firmware is permanently improved, new features, new calculation methods are implemented, bugs are fixed if they discovered.

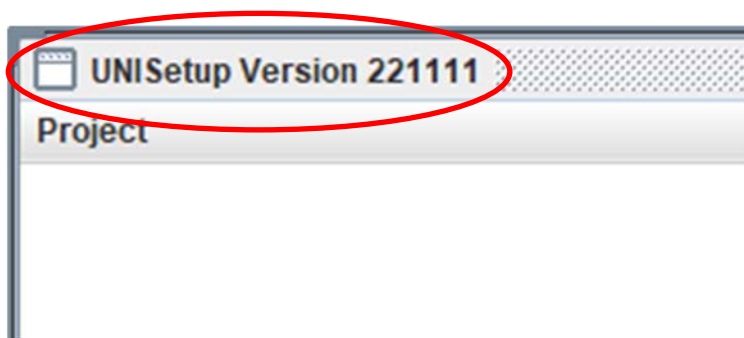
This document describes how to convert parameter project format to the latest version.

### 2.2 Version notation of the parameter project

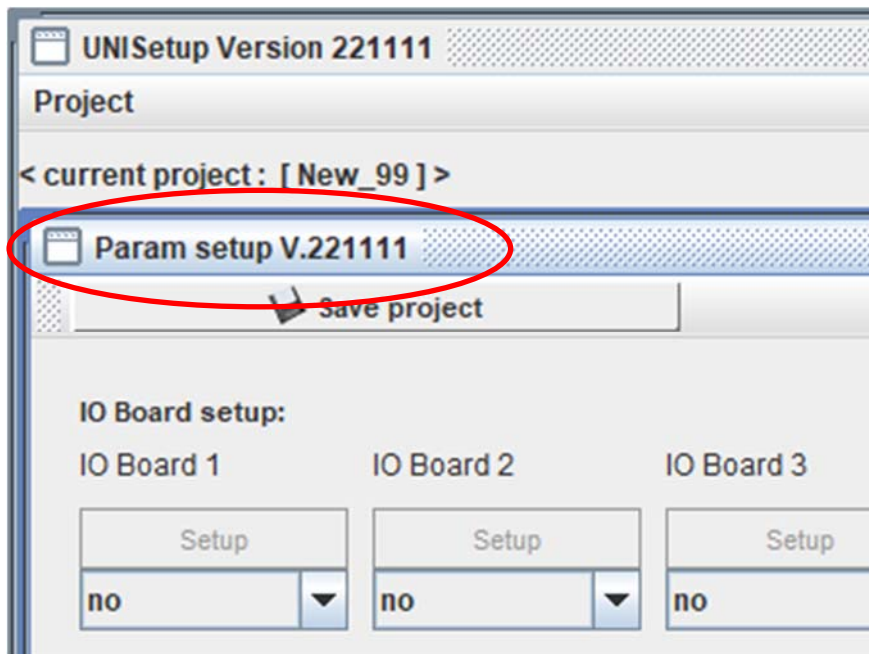
---

In most common cases parameter projects are prepared/modified/edited in UNISetup program.

UNISetup program displays its version on the header line of the program window. The version format is *yymmdd*, it is 221111 in the example below.

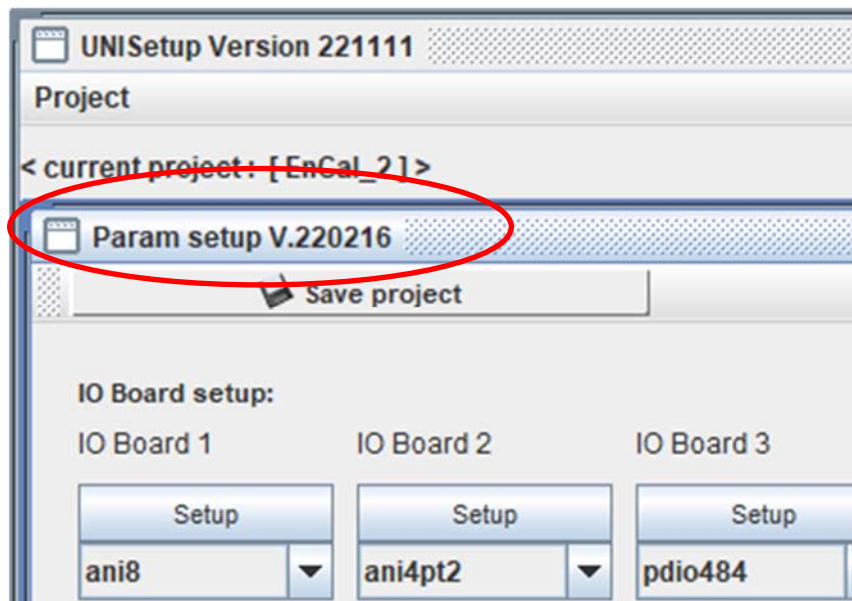


Parameter project version number is displayed on the header line of the parameter setup window. The version format of the parameter project is *V.yymmdd*, it is V.221111 in the example below.

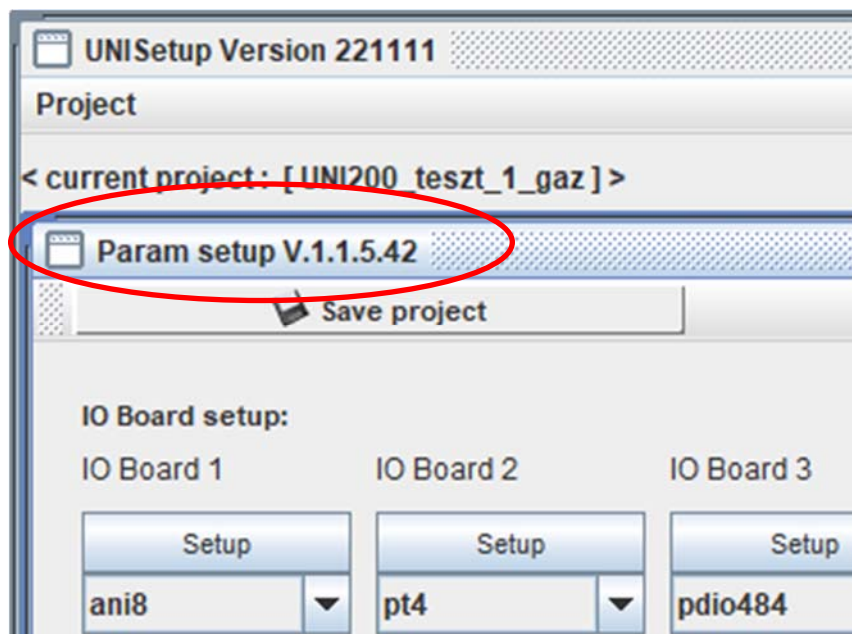


When new project is generated, it will bear the version number of the UNISetup program.

Old parameter projects will bear the version number of the UNISetup program in which it was saved last time.



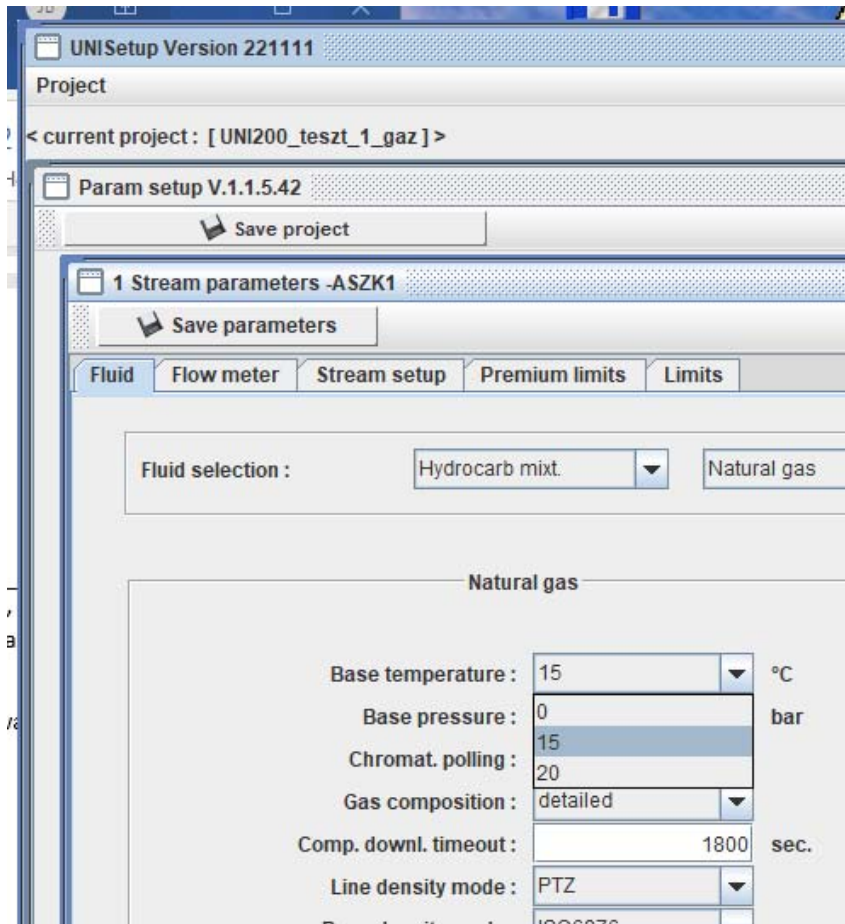
In very old projects you may see another type of parameter project notation:



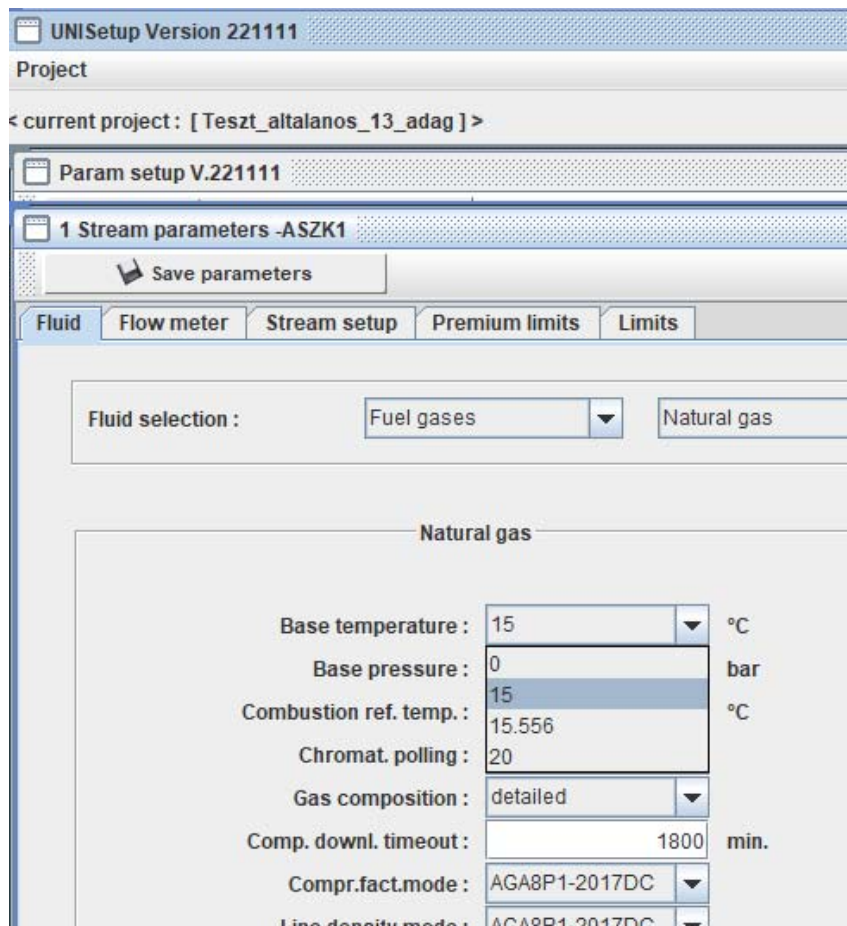
### 2.3 Why to convert parameter project

When opening a parameter project older than the current version of the UNISetup program, the UNISetup will display the parameters which existed in the old version of UNISetup (which was used to save the old parameter project).

For example, if we open a parameter project version V.1.1.5.42 in the UNISetup version 221111, the base temperature for gas measurement selectable from the list shown below (0, 15, 20)



If we open a parameter project with latest format (V.221111) we see different base temperature selection list (0, 15, 15.556, 20).

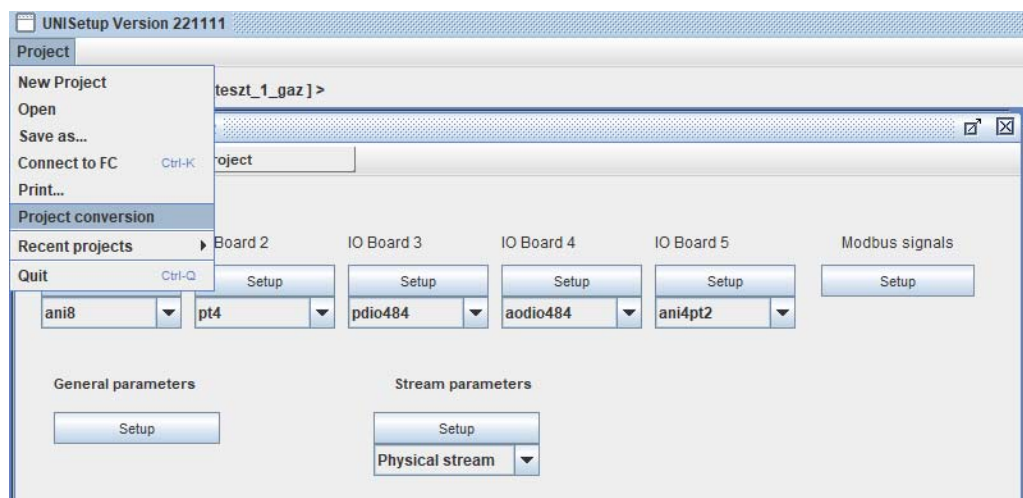


New base temperature 15.556 °C was introduced between the versions of UNISetup. So that if we want to be able to see and edit all the parameters available in the latest version of UNISetup, we should convert the parameter project format to the latest version.

## 2.4 How to convert parameter project

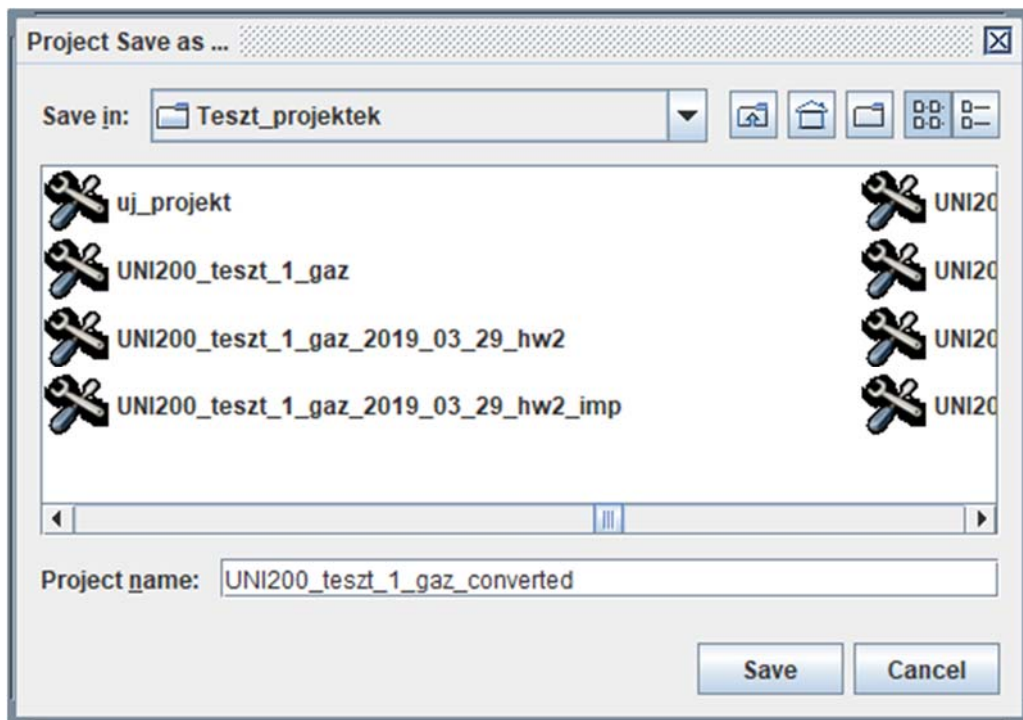
Open the parameter project to be converted in UNISetup.

Go to the menu Project / Project conversion.



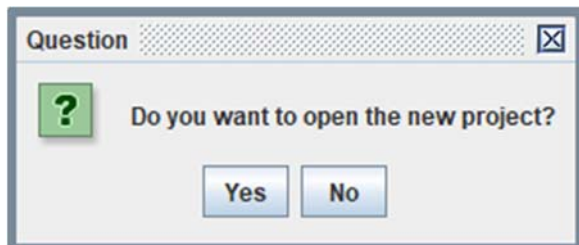
Note, if the parameter project version identical with the version of UNISetup, the Project conversion menu item will be disabled (greyed out).

A file browser window will open.

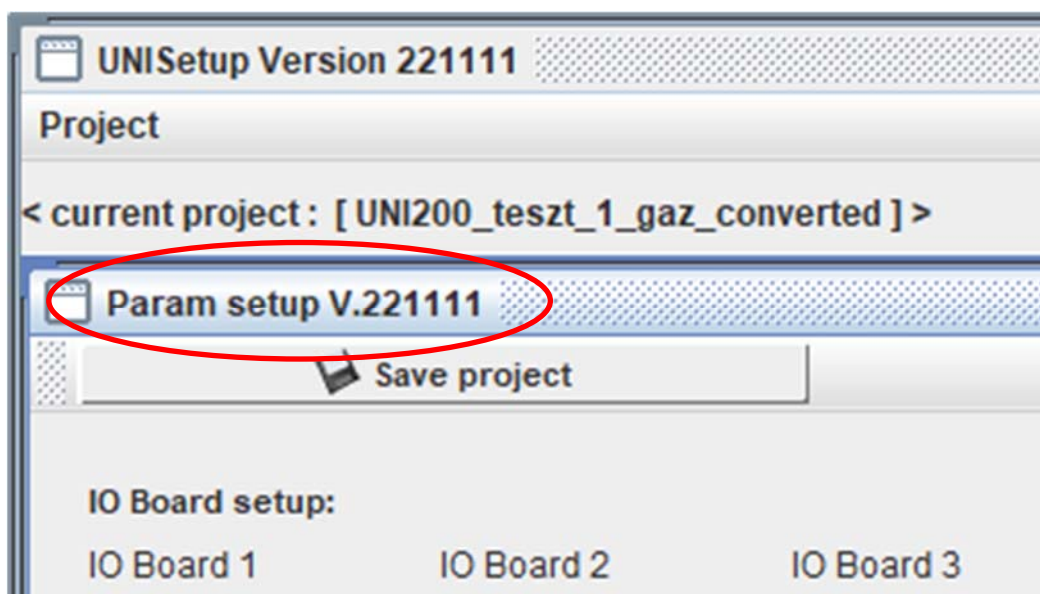


Enter the name of the converted project and click Save button.

A message box will appear, asking if you want to open the new project.



Click Yes and the project will open.



Note, the parameter project version become V.221111, as the UNISetup version.

## 2.5 Parameter project version inside Uniflow-200

---

No any version number is assigned to the parameter project inside Uniflow-200.

Parameter project version exists in UNISetup program only.

When you upload a parameter project from Uniflow-200 and save it to your PC, at that moment version will be assigned to the parameter project. UNISetup assign the version of UNISetup to the parameter project.

## 2.6 U200ToolBox/UNISetup and firmware compatibility

---

U200ToolBox software suit and the firmware published on the Process Control website are synchronized.

When you want to update firmware in your Uniflow-200 to the latest version, it is recommended to download and install the latest ToolBox version from our website as well.

When you create (or modify) a parameter project in the Uniflow-200 having certain version of firmware and read it with some older version of UNISetup, you may have difficulties to open the parameter project in old UNISetup.

You will be able to upload the project from the flow computer and save it to your PC, but when you want to open the project you may get message:

