

# New Functionalities, Improvements and Bug Corrections

Provided in

WinClim II – Version 2.0.81

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This version is now compatible with **Windows Vista** and **7**.

## 1) Improvements :

- Improving efficiency of **standard** heat recovery plate heat exchangers (PHE) with **+3%**.
- Implementing **3 efficiency levels** for heat recovery PHEs : **STD** (standard), **ME** (Medium Efficiency) and **HE** (High Efficiency).
- Implementing **new Eurovent calculation method** of energy efficiency classes.
- Displaying **new Eurovent energy class label**.
- Improving OEF (Order Entry Form) : **List of options** is displayed under each section.
- Implementing **new design of HEPA H10 filter section** which is now same as H13 one.
- Implementing **3 types of optional variable speed** for thermal wheels : **MICROMAX**, **EMOTRON type S** and **EMOTRON type E**.
- Adding **optional stainless steel 316L** for casing **inner skin**.
- Indicating **exception of PLUG FAN with diameter > 630**, when selecting optional stainless steel sheet metal for fan-motor assembly.
- Improving selection of **100 mm empty section** located upstream supply and return fans.
- Improving selection of **number of pressure tapping points**.
- Improving selection of **isolator switch with shield cables** when selecting frequency inverter.
- Rearranging **PDF page format** to avoid losing information, when exporting **OEF**.
- Improving **display of frequency inverter** in price sheets to avoid **overwriting** other texts.
- Improving **display of date, quotation n°, reference, project, client & page text block** on top right of technical data sheets.
- Improving **selection of 2-speed motors (1500/1000 & 1500/750 rpm)** when they are **out of range** for a selected fan.

## 2) Corrections :

- Correcting selection of **HT (High Temperature) heating coils**.
- Correcting **face velocities in heat recovery PHE** when different air flows are used for supply and return units.
- Generating **OEF code** for **electric heater cable glands**.
- Generating **OEF code** for **top discharge on plug fan section**.
- Correcting **display of base frame** on page 1 of technical data sheets, when **optional stainless steel one** is selected.
- Correcting **integrated flat filter** in heat recovery PHE, when the latter is deleted. The filter is then **deleted from the supply unit drawing**.
- Deleting **optional fan smoke detector** which is no longer available.
- Correcting **installation price** of H13 filter of PR 60 (**price appeared two times**).

## 3) Data updates :

- Updating **casing price** because of **black assembling clamps**.
- Updating **motor data of thermal wheels**.
- Updating **length of rain hoods**.
- Updating **roof extension** which is now **+60 mm** instead of +100 mm.
- Updating section end framework dimensions when splitting the casing : **2x61 mm** instead of 2x60 mm.
- Updating **texts of empty sections** in OEF.
- Updating **texts of standard, low leak class 3 and low leak class 4 dampers** of mixing section.
- Updating **texts and translations**.