

# New Functionalities, Improvements and Bug Corrections

Provided in

WinClim II – Version 2.0.82

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**IMPORTANT : In order to take advantage of the updates below, the unit performance has to be recalculated, section by section.**

## 1) Improvements :

- Correcting **thermal calculations** when coil operating points are situated at **partially humid and dry** boundary.
- Correcting **energy efficiency class calculations** for single or double flow units **WITHOUT heat recovery systems**.
- Correcting **Eurovent certification number** : unique number for the both ranges PR and TR.
- Correcting **translation mixing** in French and in Portuguese.
- Disabling optional **1.5 mm thick inner panels**.
- Correcting display of **AHU info text block** when exporting selection sheets in **PDF**.
- Improving display of **AHU info text block** in **price pages**.
- Correcting calculation of **price** and **new OEF (order entry form) codes** of **electric heater cable glands**.
- Displaying **sensible capacity** of cooling coil in case of **cooling without condensation**.
- Correcting **air pressure drop through silencer** equipped with **1800 mm long acoustic splitters**.
- Correcting **width of TR 200** when displaying front view with connection dimensions.
- Improving **unit and transport section drawings** with **left service side** in OEF.
- Correcting management of **service sides in OEF** for **double flow units with cross and parallel flows heat recovery plate heat exchanger**: when **removing supply fan** to other side of plate heat exchanger, the service side was automatically reversed; which was wrong.
- Correcting **OEF missing code** for **exhaust air/return air mixing box** of **double flow units with vertical 3-way mixing box** : this code misses when changing position of end damper to **top damper**.
- Correcting **OEF code** for **optional connection frames or flexible connectors** on **2-way mixing box** : when defining top damper as side damper, the second damper will be also of half side type; so, OEF code generated for these options must correspond to **half side dampers** (and not half face ones).
- Correcting **OEF code** for **optional connection frames or flexible connectors** on **3-way mixing box of side by side units** : end dampers are of half side type; so, OEF code generated for these options must correspond to **half side dampers** (and not half face ones).
- Correcting **OEF missing code** for **exhaust air/return air mixing box** of **side by side double flow units with horizontal 3-way mixing box** : this code misses when **changing position of end damper**.
- Correcting **OEF code** for **optional connection frames or flexible connectors** on **3-way mixing box of side by side units**: when defining end dampers as top or bottom dampers, they will be of half face type; so, OEF code generated for these options must correspond to **half face dampers** (and not half side ones).
- Implementing **CLIMAVENETA** by **Wesper** brand for Spanish market.
- Implementing **Serbian language**.
- Extending **info text fields** on **drawing layout frame**.
- Improving selection of **3000/1500 rpm 2-speed motors** when **fan rotational speed > 2500 rpm** : the first selection was good, but when right clicking on "Change parameters" of fan section, the 1500/1000 rpm 2-speed motor has been selected; which was wrong.
- Adding optional **sliding rails and blank off sheet metal, stainless steel 316L** for hot and cooling coils.
- Adding optional **coil frame, stainless steel 316L**.
- Adding optional **outer panels, stainless steel 316L**.
- Adding optional **condensate drain pan, stainless steel 316L**.
- Adding optional **droplet eliminator, stainless steel 316L**.
- Disabling optional **composite profiles** for **TR 400 to 1000**.

## 2) Data updates :

- Updating **OEF codes of plate heat exchangers** STD, ME and HE.
- Updating **OEF codes of damper servo-motors**.
- Updating **OEF code of electric heater in plate heat exchanger size 360**.
- Updating **price of damper servo-motors**.
- Updating **price of frequency inverters**.
- Updating **price of sliding rails and blank off sheet metal, stainless steel 304L** for hot and cooling coils.
- Updating **price of coil frame, stainless steel 304L**.
- Updating **price of plate heat exchanger blocks and thermal wheels**.
- Updating **price of coils, all finishing**.
- Updating **price of coil installation (heating, cooling & electric) and antifreeze thermostat**.
- Updating **price of assembly clamps, set of assembly clamps and casing end frames, packaging and casing end frames**.
- Updating **price of single flow casings**.
- Updating **price of plate heat exchanger casings** (STD, ME and HE).
- Updating **price of thermal wheel casings** (STD and HE).
- Updating **price add of all types of optional panels and insulations**.