Release Notes

INSTED Ver. 8.3.1



TTC TECHNOLOGIES, INC.

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Release Features

INSTED Ver. 8.3.1

The latest version of INSTED (Ver. 8.3.1) includes the following bug fixes and enhancements to INSTED 8.3.

Bug Fixing for Plate-Fin Solver

• For Plate-Fin module in INSTED 8.3, when one stream using REFPROP fluid and the other stream using user-defined custom fluids, the custom fluids data cannot be correctly interpolated by INSTED solver and the following error message will be shown:

Your heat exchanger cannot be rated! Internal Error for Plate Fin Rating (Error:Error in selected warm fluid or fluid property not fully defined. Some thermophysical property is undefined within your operating temperature range.)!

This bug has been fixed in INSTED 8.3.1.

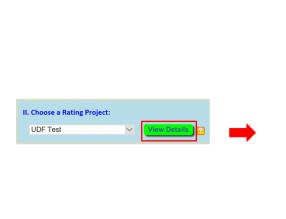
Bug Fixing for INSTED UI

- In INSTED 8.3, when exporting a plate-fin rating/sizing/optimization project with user-defined fin data into a XML project file, the user-defined fin data will be missing in the exported project file. This bug has been fixed in INSTED 8.3.1.
- In INSTED 8.3, user-defined custom J/F data can be deleted in the "Project Management" even
 when the J/F data is being used for an existing plate-fin rating project as a part of user-defined
 fin data. Accidently delete this J/F data will make the rating project failed to compute. In
 INSTEAD 8.3.1, this bug has been fixed in INSTED 8.3.1.
- In INSTEAD 8.3, when deleting multiple projects in "Project Management", the last checked project will not been deleted. This bug has been fixed in INSTED 8.3.1.

Enhancement for INSTED UI

For Plate-Fin multiple rating, sizing, and optimization modules In INSTED 8.3.1, user can directly
input/change user-defined fin data for the reference rating project by clicking "View Details"
button, as shown in the following picture:

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