

WORK enhancements

Please look in general enhancement for non-program specific enhancements

Version 2.9-155 (17/02/2025)

Version 2.9-154 (21/11/2024)

Version 2.9-148 (18/09/2023)

- ShellDMR, APCI and Expander cycle models have been included
- Various issue relating to data corruption during read/saving project file has been resolved

Version 2.9-146

Version 2.9-142

- New Development environment libraries
- Restructure on-line help

Version 2.9-140

- Compressor driver selection functionality has been move into the STAR application.
- Exergy targeting was return infeasible solution in some circumstances. This has been resolved
- The Cryoman model has been added for simulation and optimisation

Version 2.9-125

- An issue relating to coldbox multistage (GA) optimisation initialisation causing data corruption has been resolved

Version 2.9-100

- An issue relating to mixed refrigerant optimisation not return the correct composition has been resolved
- An issue relation to multistage cold box models has been resolved
- An issue relation to cold streams in coldbox changing to hot stream due to cooling effect of pressure drop has been resolved
- An issue with sub-cooled liquid entering coldbox system has bee resolved

Version 2.1

- Stochastic optimisation (GA/SA) formulation added to refrigerant level optimisation
- An issue with driver selection not including fixed turbine or powerhouse information to optimisation has been resolved.
- Mixed refrigerant report enhanced.

Version 2.0

- Capital costing added to refrigeration system targeting and optimisation for total cost has been included.
- An issue with "must be used" in driver selection has been resolved.
- An issue with driver selection non-remembering solution has been resolved.
- An issue with fuel energy limits in driver selection resulting in non-optimal solutions has been resolved.
- An issue with mixed refrigerant crash if intermediate temperature specified lower than exit temperature has been resolved.

Version 1.8

- A problem saving physical properties counter to the data file has been resolved.
- Units conversion now correctly applied to Omega plots

Version 1.7

- Different refrigeration cycle can now have different pure refrigerant composition
- Standard Point targeting tool added
- A problem calculating the correct temperatures in the PRICO model when there was no vapour flow has been corrected.
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Version 1.6

- A problem with units conversion on composition profiles has been resolved.
- Energy and capital reports added.
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Version 1.0

- Initial release of program
- Incorporating Exergy and Refrigeration function from **STAR**