

Comparing CCT Rx™ with CCT Rx™ Naturals (Hot & Cold Temperature Profiles)

LIFE CYCLE ASSESSMENT (LCA)

To understand the real environmental benefits of our shippers, Cold Chain Technologies (CCT) collaborated with Trayak, a sustainability consulting and software company, to conduct a comparative Life Cycle Assessment (LCA) of the CCT Rx™ and the CCT Rx™ Naturals shippers designed for both hot and cold temperature profiles. Trayak used their Ecolmpact-COMPASS software to model CCT's shippers and conduct the LCA according to the requirements of International Standard ISO 14044:2006. This work was then further reviewed by a 3rd party to confirm its conformance to relevant ISO standards.

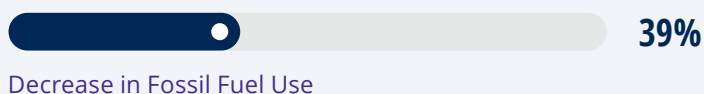
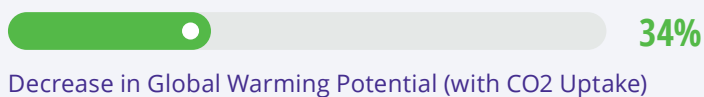
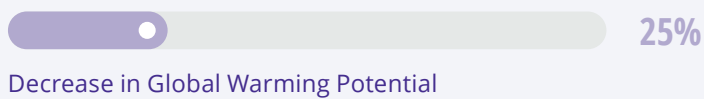
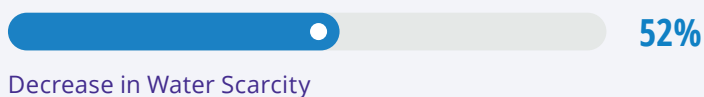
The results from comparing the shippers designed for cold and hot temperature profiles showed the CCT Rx Naturals had the lowest environmental impact in Water

Scarcity, Global Warming Potential, Global Warming Potential with CO2 Uptake, and Fossil Fuel Use than the comparable CCT Rx. Additionally, both the CCT Rx and the CCT Rx Naturals had comparable results in the Human Impact category. For most environmental indicators, the materials used to make the shipping systems contributed the most to the overall impact.

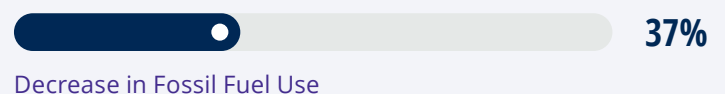
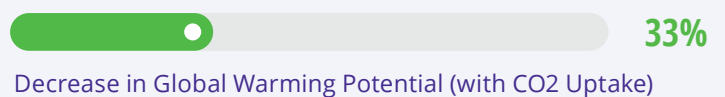
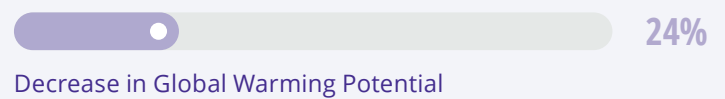
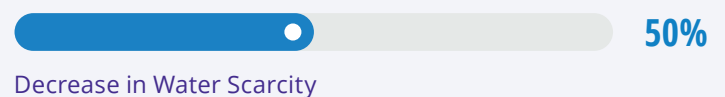
Contact us to see how CCT's parcel shippers can help your business unlock your sustainability goals.

**All values and figures presented here are taken from our LCA report prepared December 14, 2023. A copy of the report containing the study and the third-party attestation of ISO compliance is available upon request.*

COLD TEMPERATURE PROFILE



HOT TEMPERATURE PROFILE



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Sao Paulo, Brazil

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Cold Chain Technologies B.V.
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Side-by-side picture of the two product lines compared in the report.



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