

2023 Passive House Network Conference

COLORADO ICE BOX CHALLENGE

Fort Collins | Louisville | Denver

What Is the Ice Box Challenge?

The Ice Box Challenge is a public installation event that demonstrates the power of Passive House design and construction. [Watch the video.](#)

The Process

Two boxes are constructed, one box to the local building requirements, while the other is built to the international Passive House Standard. The two boxes are then placed in a central, high foot-traffic area for a set period of time - usually two weeks.

Both are filled with 1 ton of ice. Monitoring devices and cameras inside the boxes can measure the temperatures and photograph the depleting ice.

The amount of ice left in each box at the end of the display period is then measured, and the level of remaining ice is used to demonstrate how well each ice box kept out the heat.

Engagement

Public events are planned for the placement of the ice and the reveal at the end, with remarks by public and private supporters of the effort.

During the 2-week period of exhibition, volunteers will engage public visitors and explanatory events can be planned to engage school, camp or other groups of kids and adults.

A free game to guess the final weights of the ice in each box will offer prizes to the closest guesses.

Locations & Schedule

(note: precise locations and dates to be determined)

- Fort Collins, July 2023
- Louisville, August 2023
- Denver, September 2023

Ice Box Challenges from Around the World:



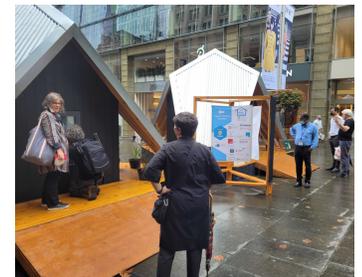
Glasgow, Scotland



Brussels, Belgium



Santiago, Chile



Sydney, Australia



New York City



Vancouver, British Columbia

Ask us about community partnership and sponsorship opportunities. We want to work with you! Email: phrm@passivehousenetwork.org

The Ice Box Challenge is part of the [2023 Passive House Network Conference](#) effort to expand the conversation about how Passive House building helps us address our climate, health and social equity crises. Join us!

