

• FORECAST PROJECT

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EARTHENWARE COOLER

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Every refrigerator contains chemical refrigerants that absorb and release heat to enable chilling. HFCs, the most common chemicals used for refrigeration today, heat up the atmosphere 1,000 to 9,000 times more than carbon dioxide. On top of this, they require electricity to function, increasing carbon emissions further. This earthenware cooler requires neither chemicals or electricity, instead it draws out heat from the inside through evaporative refrigeration. Traditional examples of this are found throughout the world and history, most notably zeer pots in the middle east. The earthenware cooler is an adaptation of this principle, with focus on bringing this traditional, low-tech solution to a modern setting.

