

TransVend



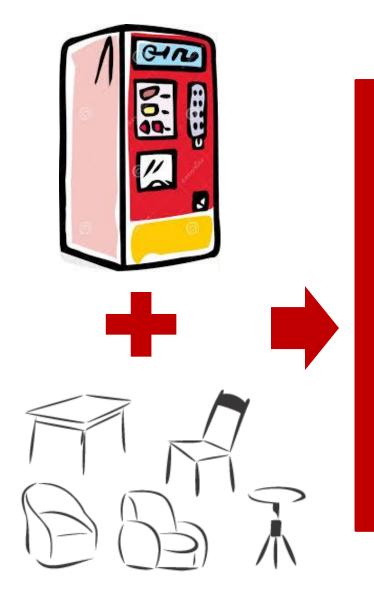
"Vending machines are very large and there are limited and often hidden places to put them."

"We want to save energy... to create an entirely new futuristic look, feel, and capability"









FransVend

GREATER **Energy Efficiency**

Smaller size and lower power needs

Integration

into everyday life

Accessibility

via new space options

Interaction

with friends & technology



WHAT WILL **FORM** IT LOOK LIKE?

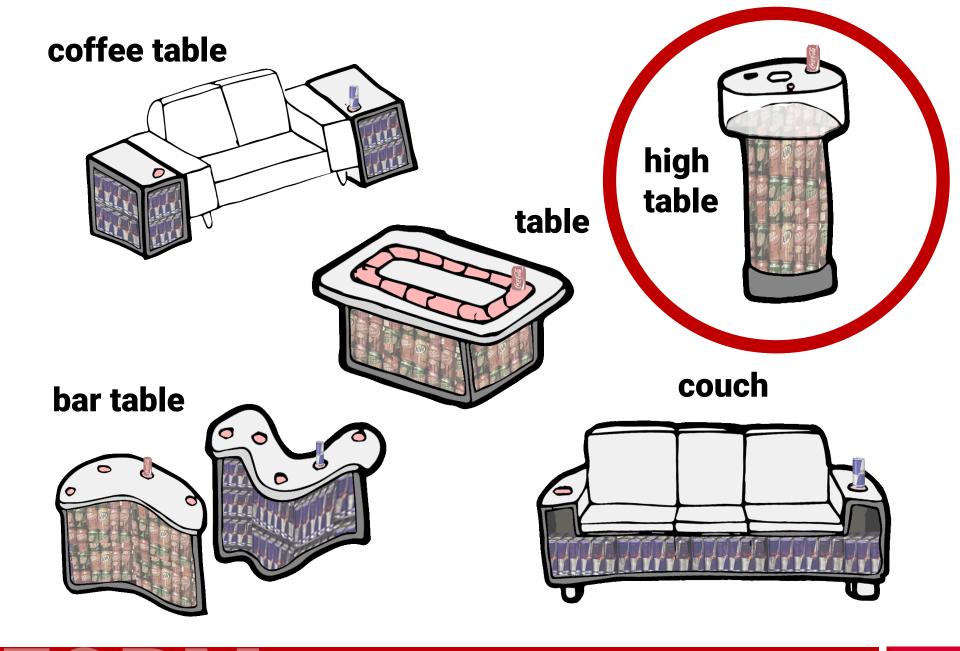
HOW ARE DRINKS MECHANISM TRANSFERRED?

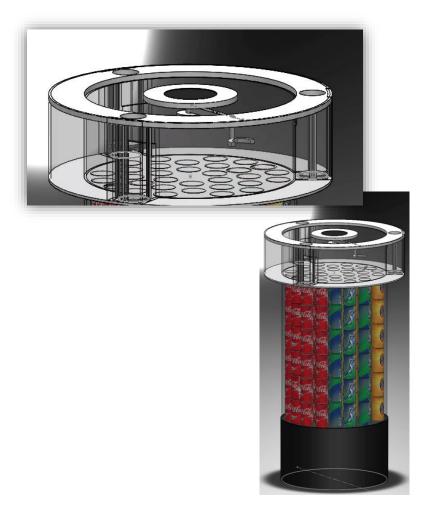
HOW DO WE COOLING **COOL DRINKS?**











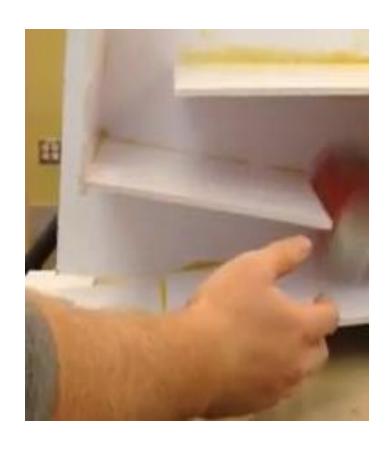




Let's use gravity



... but a potential concern





RAPID COOL



Claims show

energy savings of 54-80 % compared to some standard vending machine

Standard Vending Machine ~ 500 W per vending machine continuous

TransVend

 $E = mc\Delta T$ (4.18J/gC*330g+.9J/gC*14g)20C ~ 30108 J

~501W instant 1 min cool

* Cooling 22C → 2C





Vending machine market size is \$40-50B

55% of the vending market is packaged cold beverages

in 2009 & 2010

Coca-Cola holds 18.1 % market share is the leader in liquid refreshments

Coca-Cola owns 14M vending machines

