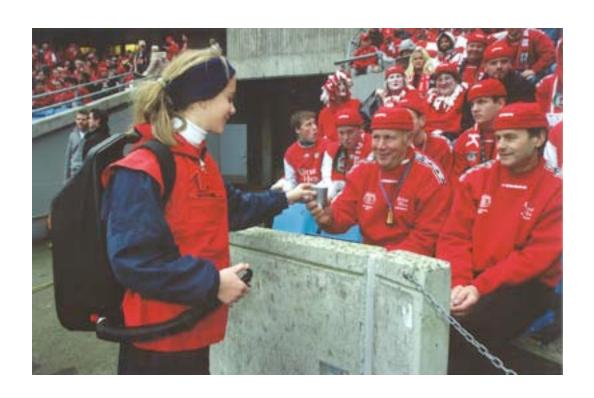


### our product Pouch Powder for reaction Pouch Water bubble pincher to pop

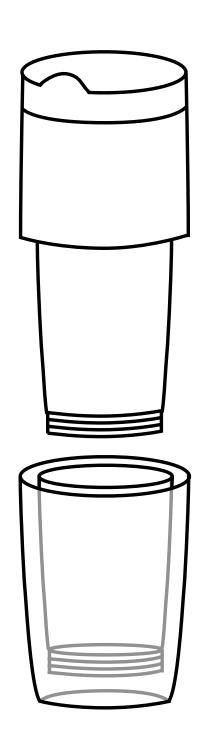














- Flameless
- Disposable
- Inexpensive
- Quick
- Easy to Use

### theoretical

Minimum amount of FRH to heat 8oz of water to boil
12 grams

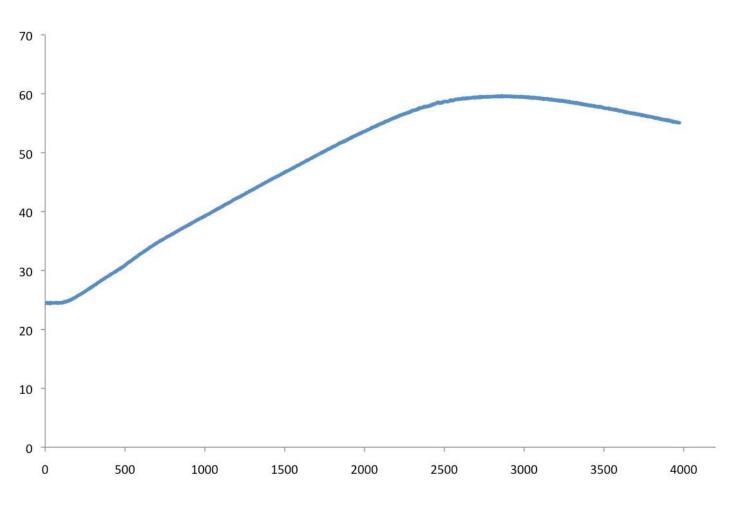
Minimum amount of FRH to heat 15oz of water to boil
24 grams

Energy density of FRH

6.8 kJ/g



#### temperature °C



time s

## cost analysis

FRH cost per kJ

\$0.0289

Material cost to heat up a cup of coffee

\$2.34



- Make it cheaper
  - Manufacture FRH mix directly from raw materials
  - Buy materials in bulk
- Speed up the reaction
  - Adjust concentrations of catalyst (salt)

# questions?

