Casual campers

Material Cost:
50¢ to heat 1 quart H₂O
needs

Portable
Easy to use
Safe
Effective
Portable
Easy to use
Safe
Effective

Less than 4 lbs
Heats 1 qt. of water to 60°C in less than 10 min
Easy to use
Safe
2 designs
2 designs
2 designs
usability
Corrosion testing

- **Aluminum**
  - 4140
  - 6061

- **Stainless Steel**
  - 304
  - 309
  - 316

- **Brass**
  - 440C
  - 464

- **Plastic**
  - Teflon

Each sample shows the material after exposure to various conditions, labeled with duration and type of exposure.
safety

H₂ pressure build-up and venting
Pin hole vents
next steps

• Lighter materials

• Twist-Lock mechanism
Come try it out!