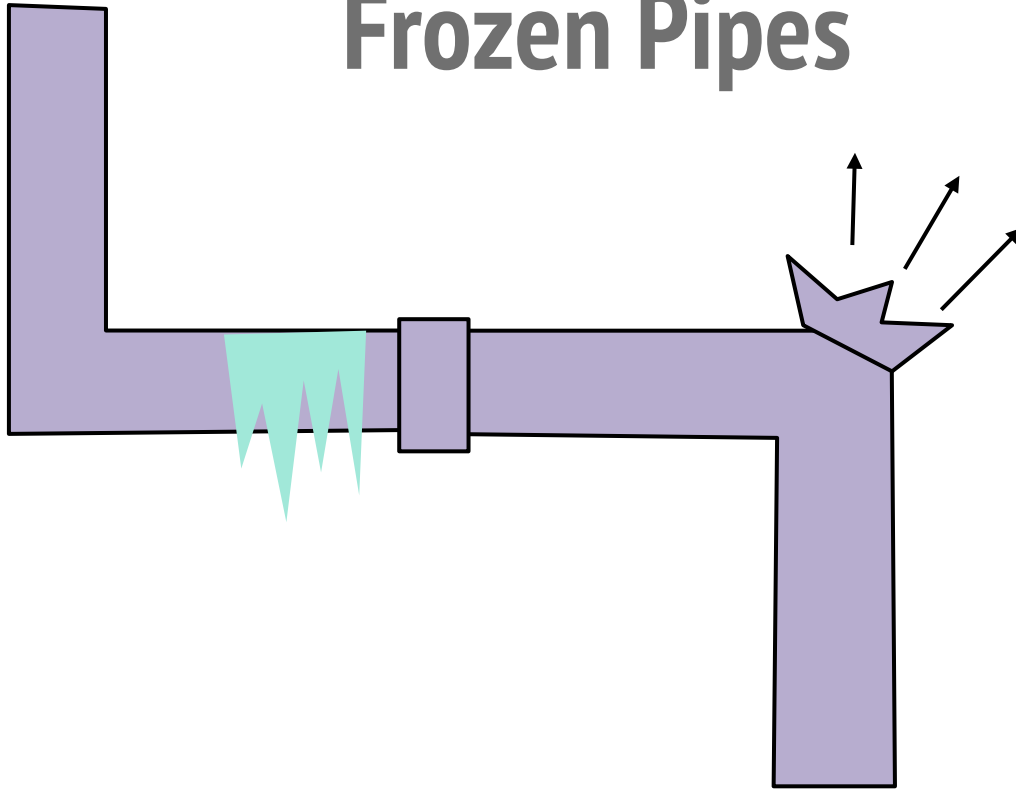




drip

# Frozen Pipes



250,000



\$10,000

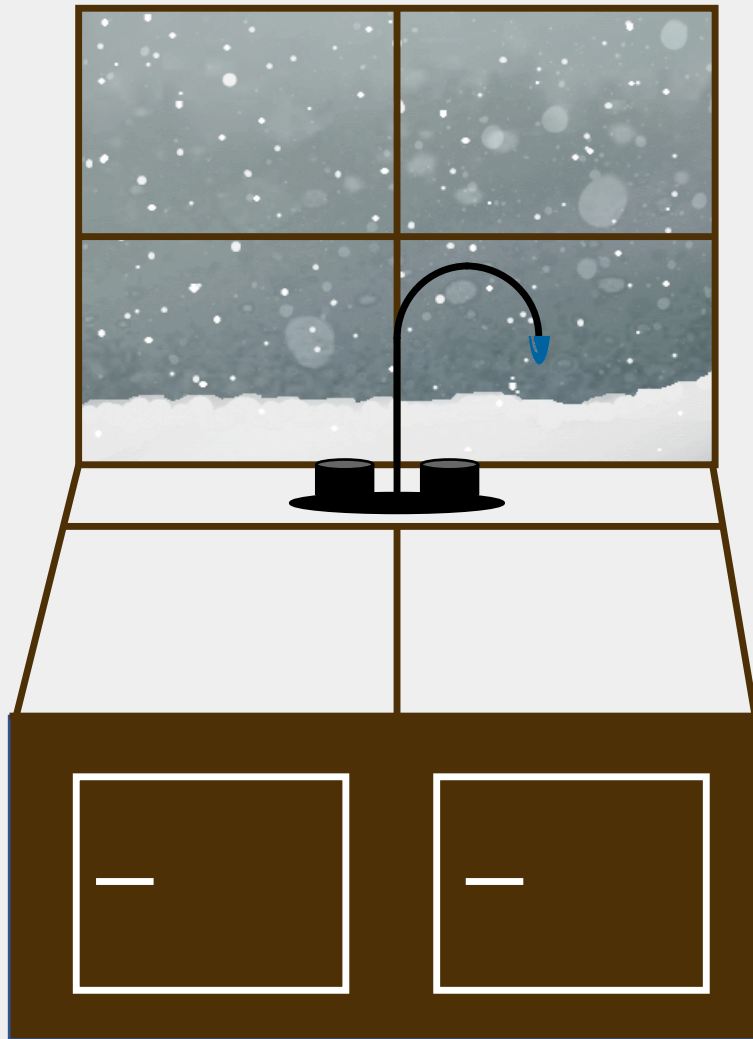
# Existing Solutions

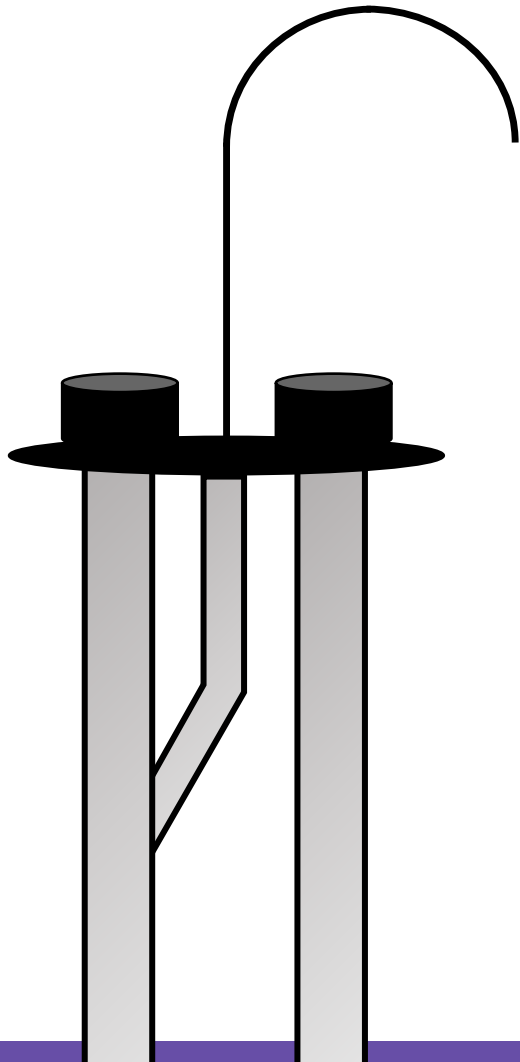


Preventative

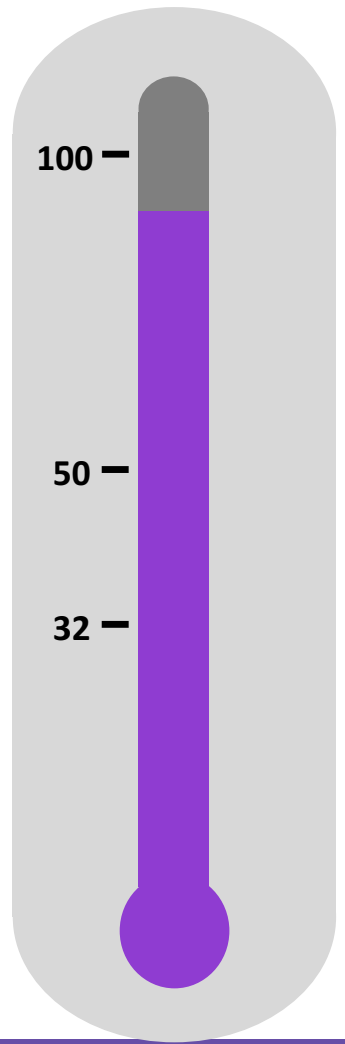


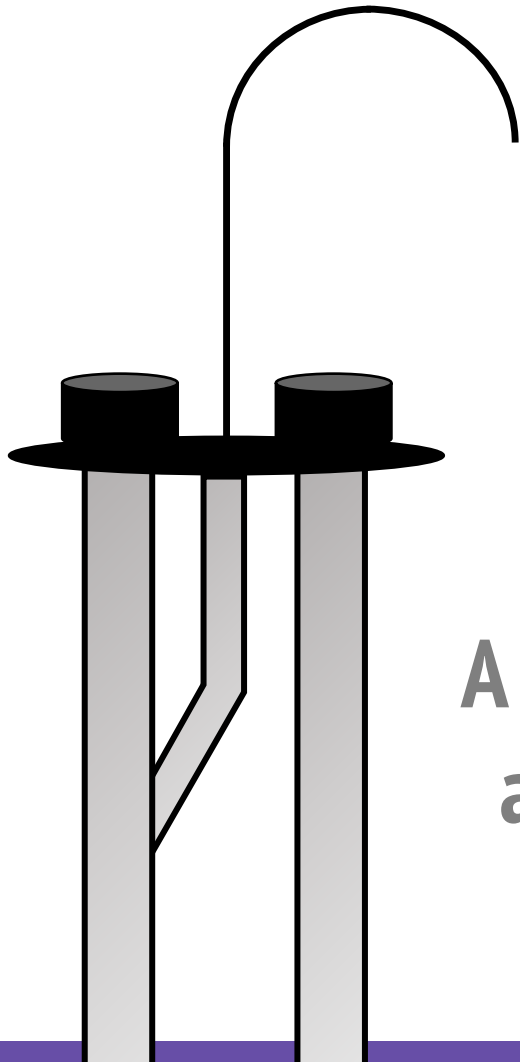
Reactive





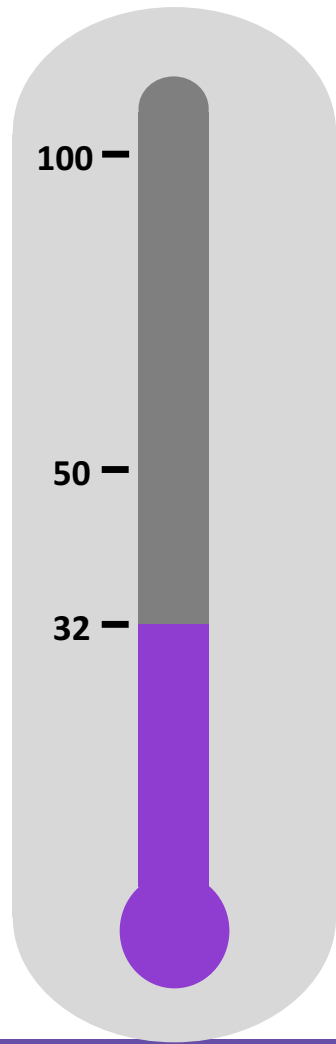
When the temperature  
drops below 32°F,

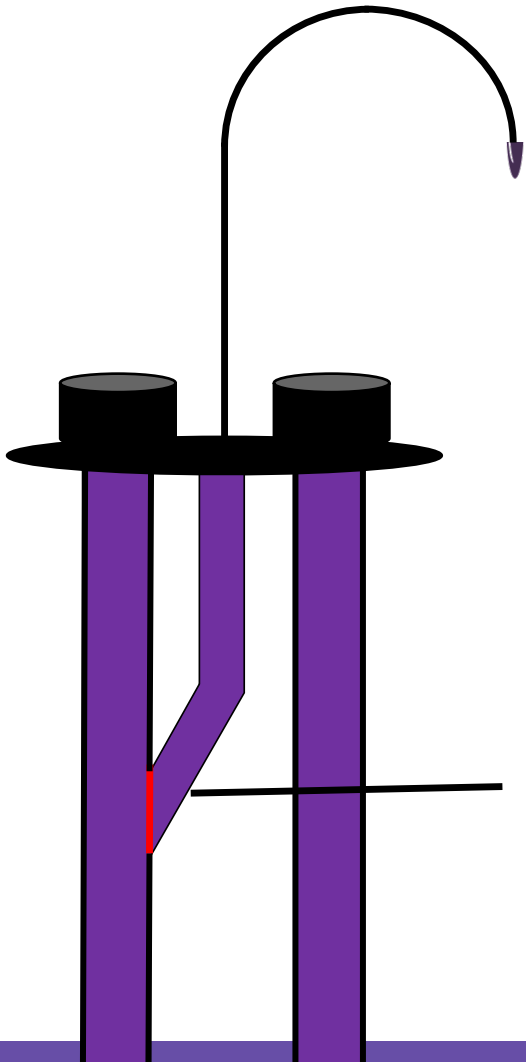




32° F

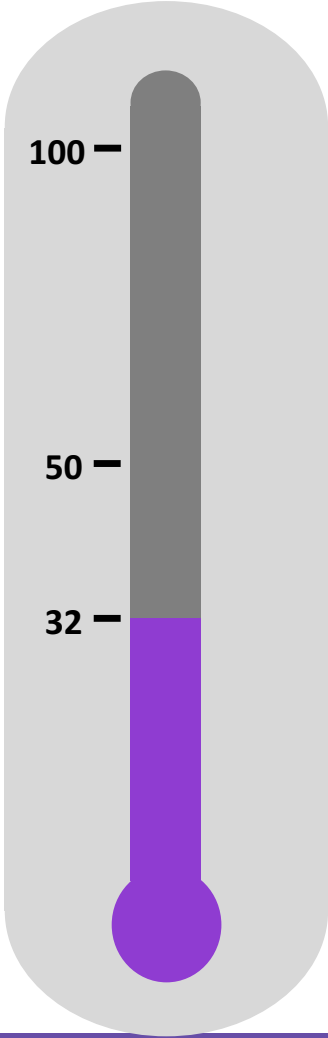
A temperature sensor is activated and sends a signal





32° F

A valve opens up and  
drip is activated



# Sketch Model

## Tested



Variable drip rate



Manual operation

## Future



Full scale testing



Different pressures



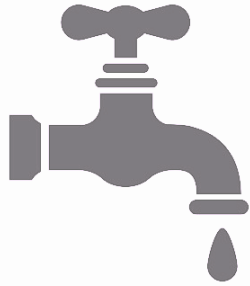
Weather data and WiFi



Battery backup



# Market and Costs



**Smart Faucets \$130  
million by 2022**



**Water usage costs less  
than a Verdes sandwich**



**\$120 in yearly  
insurance savings**