



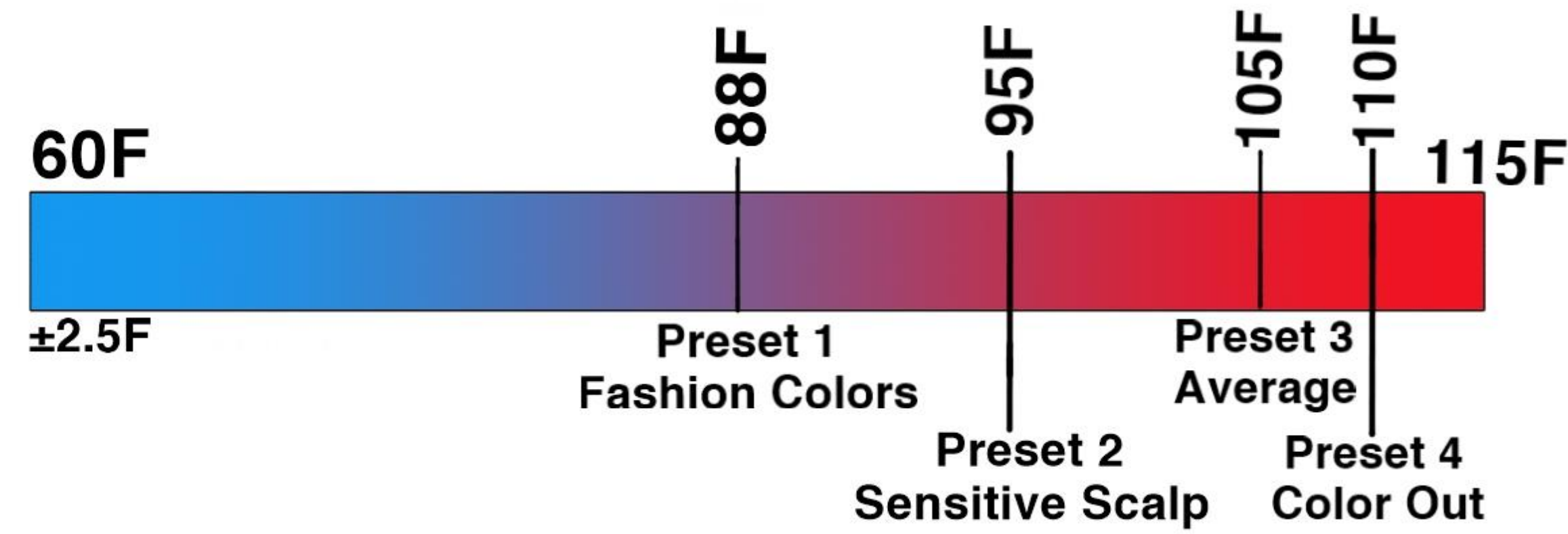
Jennifer Ascher, Trevor Ladner, Chris Fadel, Eugenio Frias-Miranda, Nitya Agrawal

Revolutionizing the Shampoo Bowl

- Lack of Innovation since 1939
- Put Control in the Hands of the Client
- Automate a Tedious Process
- Better Experience for All Involved
- Need from a Local Customer

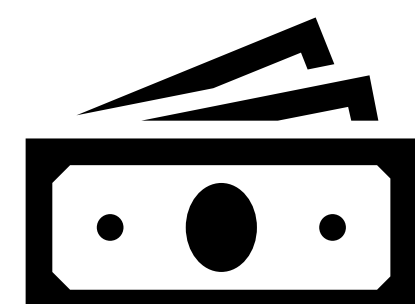
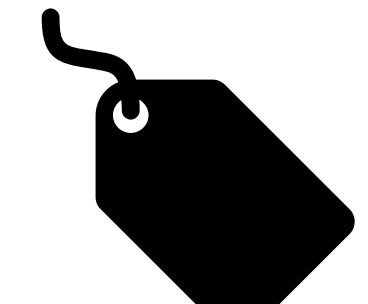



What are the Key Requirements?



 **30s** Set Time
 **3** Tool Maximum
 **Easy** To Use

Fau-Set's Market Potential

 **\$402** Manufacturing Cost
 **\$499** Sale Price
 **\$40B** Industry Revenue

983,000 Salon Locations in the US \times 2-3 Shampoo Bowls In Each Location
= 3,000,000 Fau-Sets Market Opportunity

Who are the Competitors?

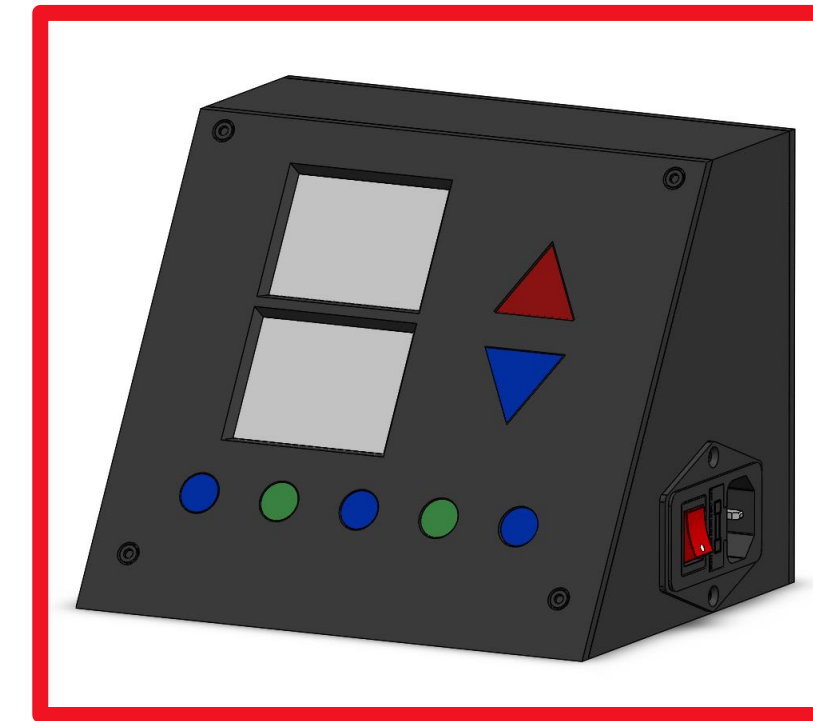




Temperature Controlling Kitchen Faucets
 Shampoo Bowl Alone
 Water Mixing Patents Built into Plumbing

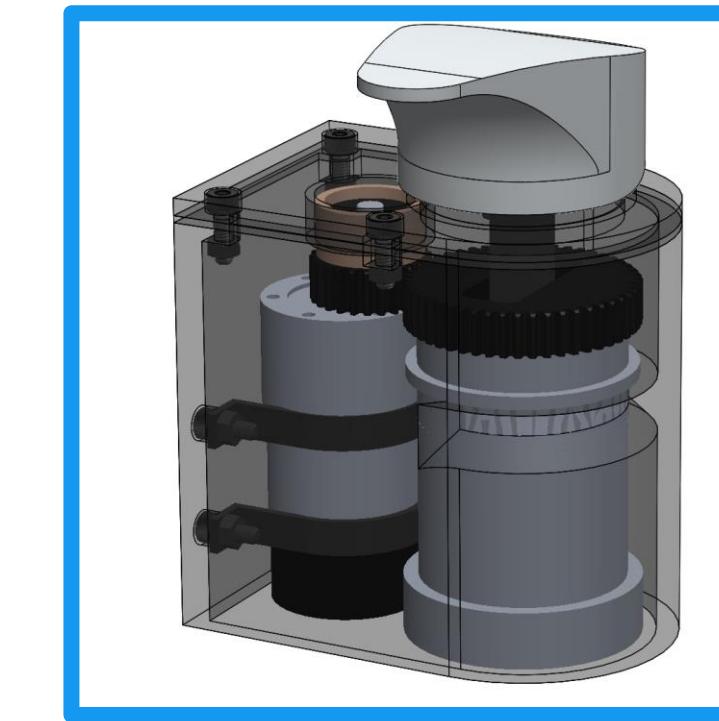
Introducing the Fau-Set

User Interface



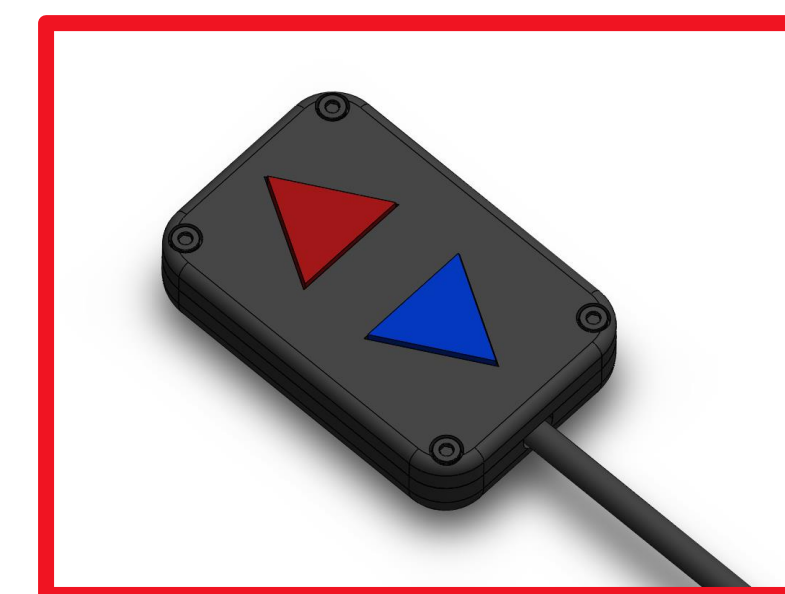
- 2 Screens to Display Current and Set Temperatures
- Temperature Adjustment Arrows with 1°F adjustments
- 4 Preset Value Buttons
- 1 Standby Button

Faucet Assembly

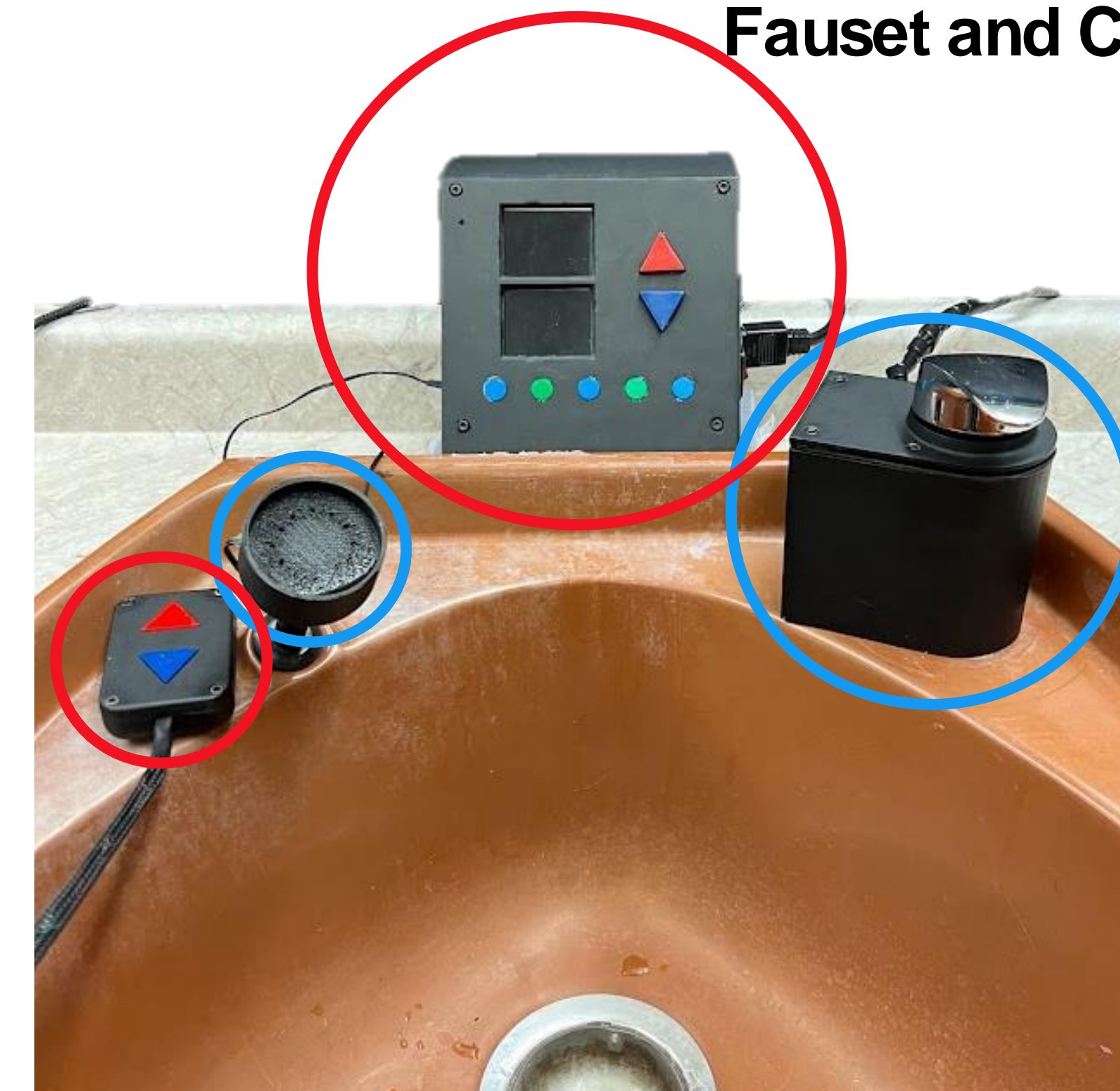


- Retains Original Handle
- 50:1 Gear Motor
- 1:2 Gear Train with Slotted Gear for Manual Flow Control
- Custom Base Coupler to Match Preexisting Faucet and Clamp System Down

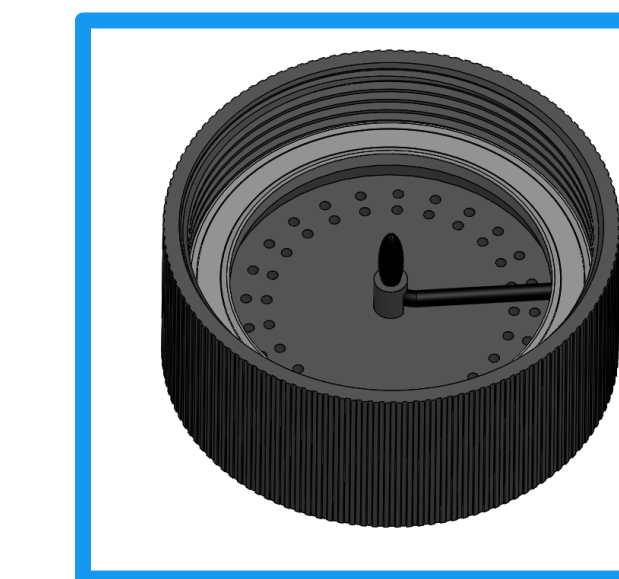
Client Remote



- Provides Control to Client
- Small 0.5°F Adjustments with Max Change Being 3°F



Modified Showerhead



- Embedded Thermistor
- Matches Preexisting Hose
- Retains Full Water Pressure

How the Fau-Set Compares

| Requirement | Fau-Set | Kitchen Faucet Control | Mixing Patent | Shampoo Bowl Alone |
|--------------|---------|------------------------|---------------|--------------------|
| 30s Set Time | ✓ | ✓ | ✓ | ✗ |
| 3 Tool Max | ✓ | ✗ | ✗ | ✗ |
| ± 2.5°F Set | ✓ | ✓ | ✓ | ✗ |
| Presets | ✓ | ✗ | ✗ | ✗ |
| Easy to Use | ✓ | ✓ | ✗ | ✓ |

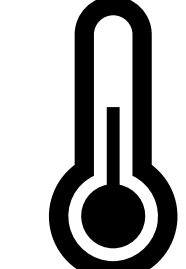

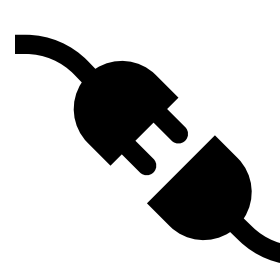
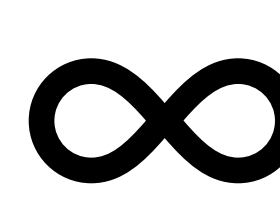
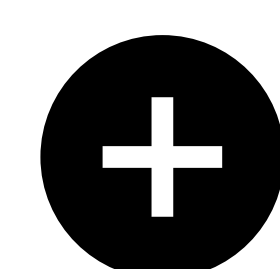
Validation

- ✓ Sets Water Temperature in **Less Time** than the Average Stylist
- ✓ Users Rated the Fau-Set as Easy to Use
- ✓ Saves an Average of **80 Gallons** of Water per Year per Shampoo Bowl
- ✓ Installation in less that **5 Minutes** with only **3 Tools**

Scan the QR Code to see detailed results from the various tests as well as videos of the functionality of the Fau-Set!



What can Improve?

-  More Accurate and Responsive Temperature
-  Implement Wireless Remote and Sensors
-  Rectify Power to Use 1 Plug
-  Universal Design to Fit All Shampoo Bowls
-  Include Custom Preset Button Options

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