Safety Fan
Description

Product Purpose:
- The product is made for injury prevention. It contains special features such as 3-speed drive and a purely electrical hard brake controlled by a proximity sensor.

Feature 1:
- Hard Brake (Safety function to stop the fan that is controlled by a proximity sensor)

Feature 2:
- Timer (Timer, increments of 15mins up to 4hours max runtime on timer)

Feature 3:
- 3 speeds (Low, Medium, High)

Market:
- Indoor use made for North America
Safed Safety Fan

Key Requirements

- **Cost:**
  - Sales Price: $149.99
  - Component Cost: $75.00, Assembly & Test Costs: $15.00

- **Environment:**
  - Indoor Use
  - Operating Temp Range: (0°C to 70°C)
  - Operating Humidity Range: (0% to 100%)

- **Power Input(s):**
  - Residential AC Power: 102-132 VAC @ 800mA Max

- **Major Functions, Quantities Measured, Displayed:**
  - **Functions:**
    - On, Off, Variable Speed, Preset Timer, Temperature – Dependent Mode, Proximity Hard Brake
  - **Quantities:**
    - Temperature (0°F-100°F) Accuracy: (+/-0.5°F)
    - Time (Timer: increments of 15mins up to 4hours max)
  - **Displayed:**
    - Fan Speed: Low, Medium, High
    - Temperature
    - Time & Preset Timer