

# Sketch Model Presentation

Silver A

October 2, 2008

# Problem

- Existing stoves:
  - limit burners to discrete sizes
  - Number of pots to 4-6

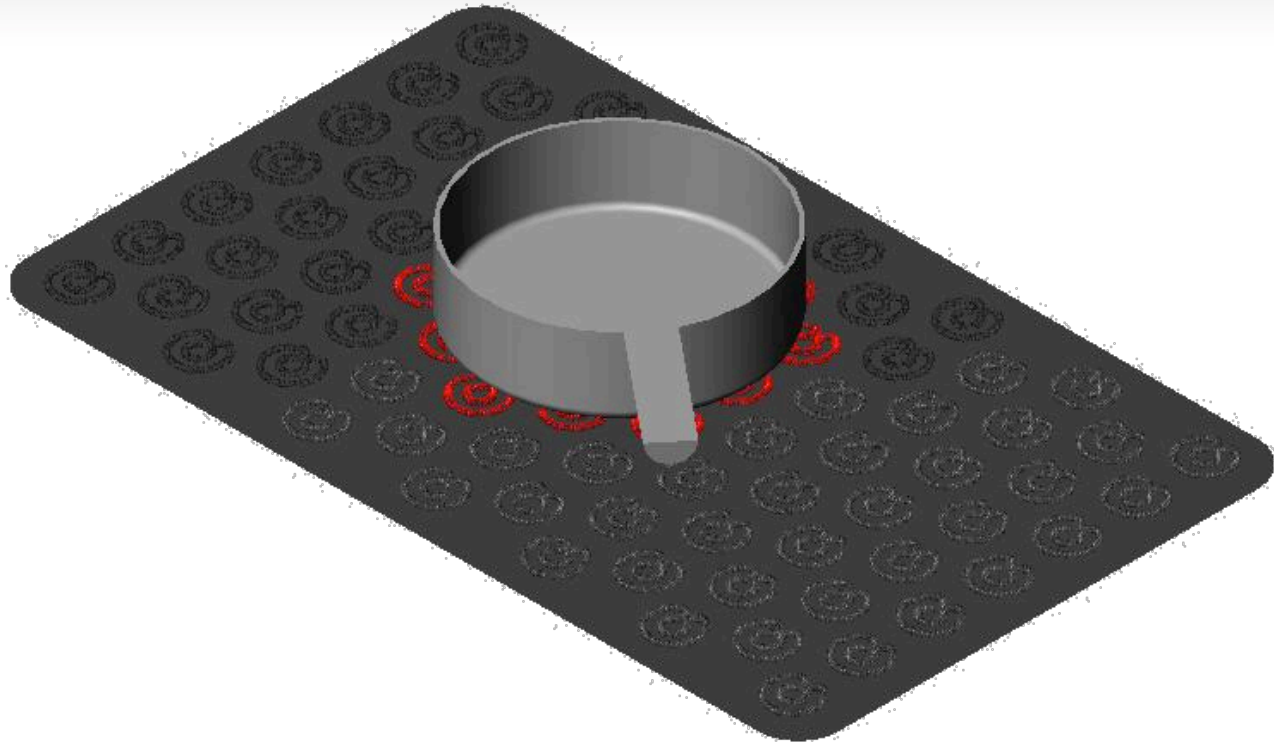


# Unlimited Range



- Efficient Cook Top

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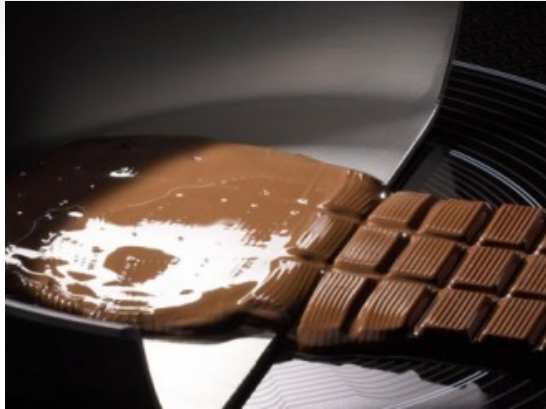
# Unlimited Range



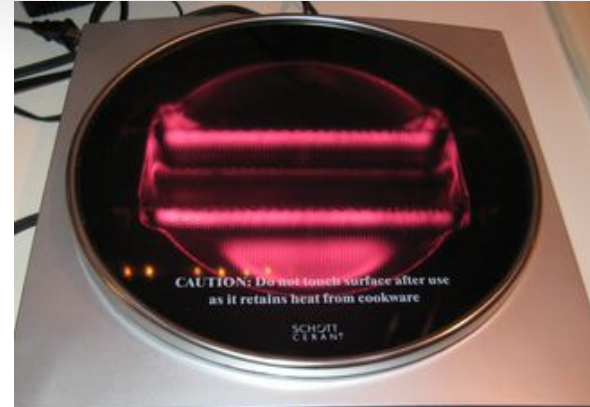
- Versatile use of Heating Space

# Burner Designs

Induction



Halogen



Gas

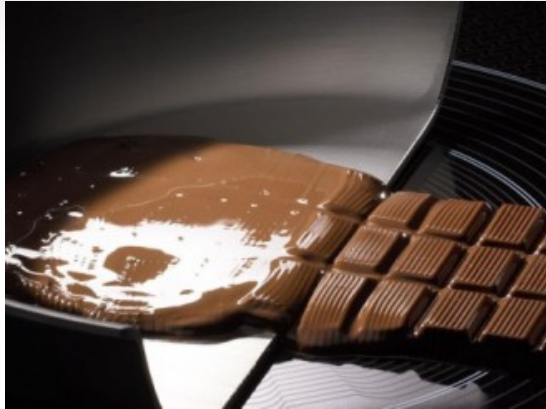


Electrical Resistance Coil



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Induction



Halogen



Gas



Silver A

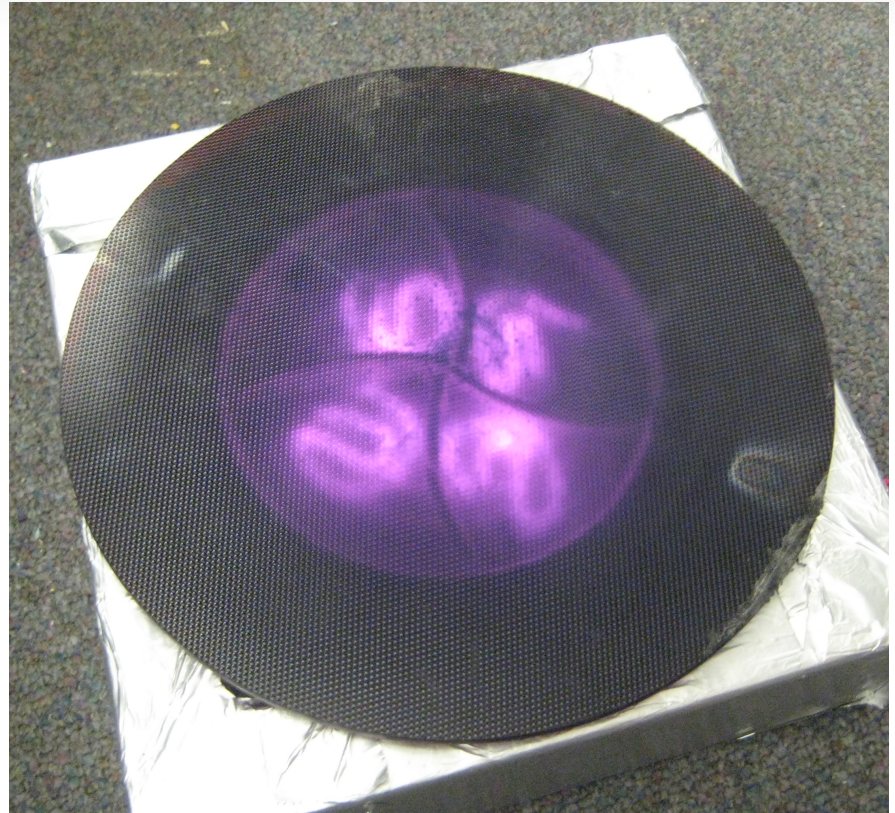
Electrical Resistance Coil





# Product Proposal

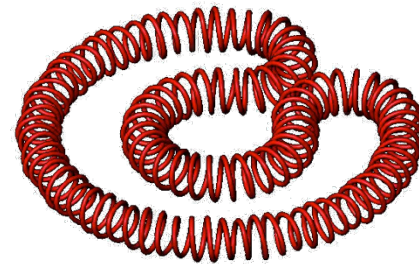
- Up to 150 Watts per coil
- 1.5" diameter coils
- Automatic pot sensing





# Challenges Identified

- Regulating power to coils while maintaining source impedance matching
- Detecting pots in a hot environment
- Modular elements to keep manufacturing costs down



# Market

- Over 8 million ranges sold each year
- Kuppersbusch makes \$90 million/year
- Targeting high end kitchens, dorms

