

# GE Home Energy Solutions

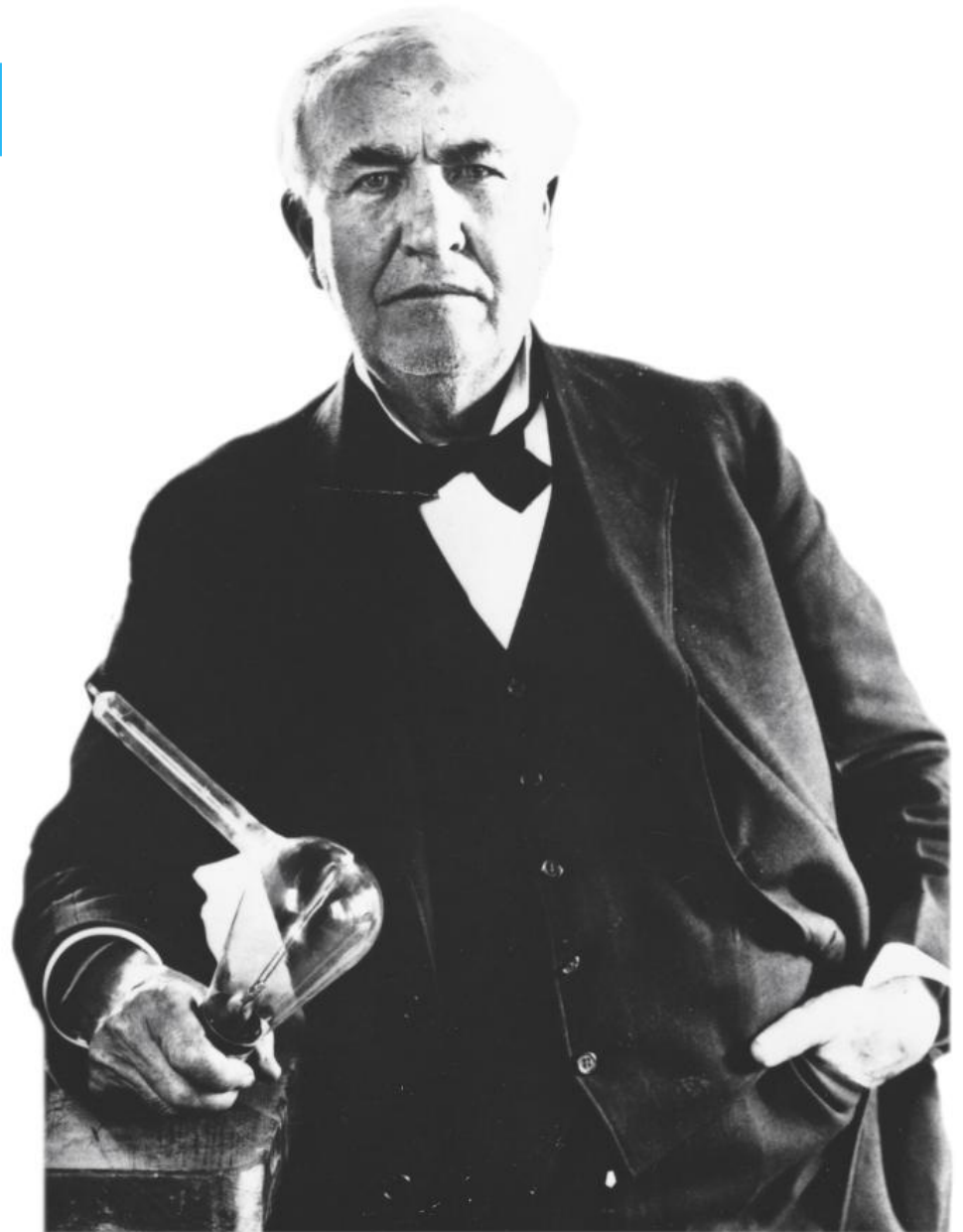
Steven Anderson  
March 10-11, 2010



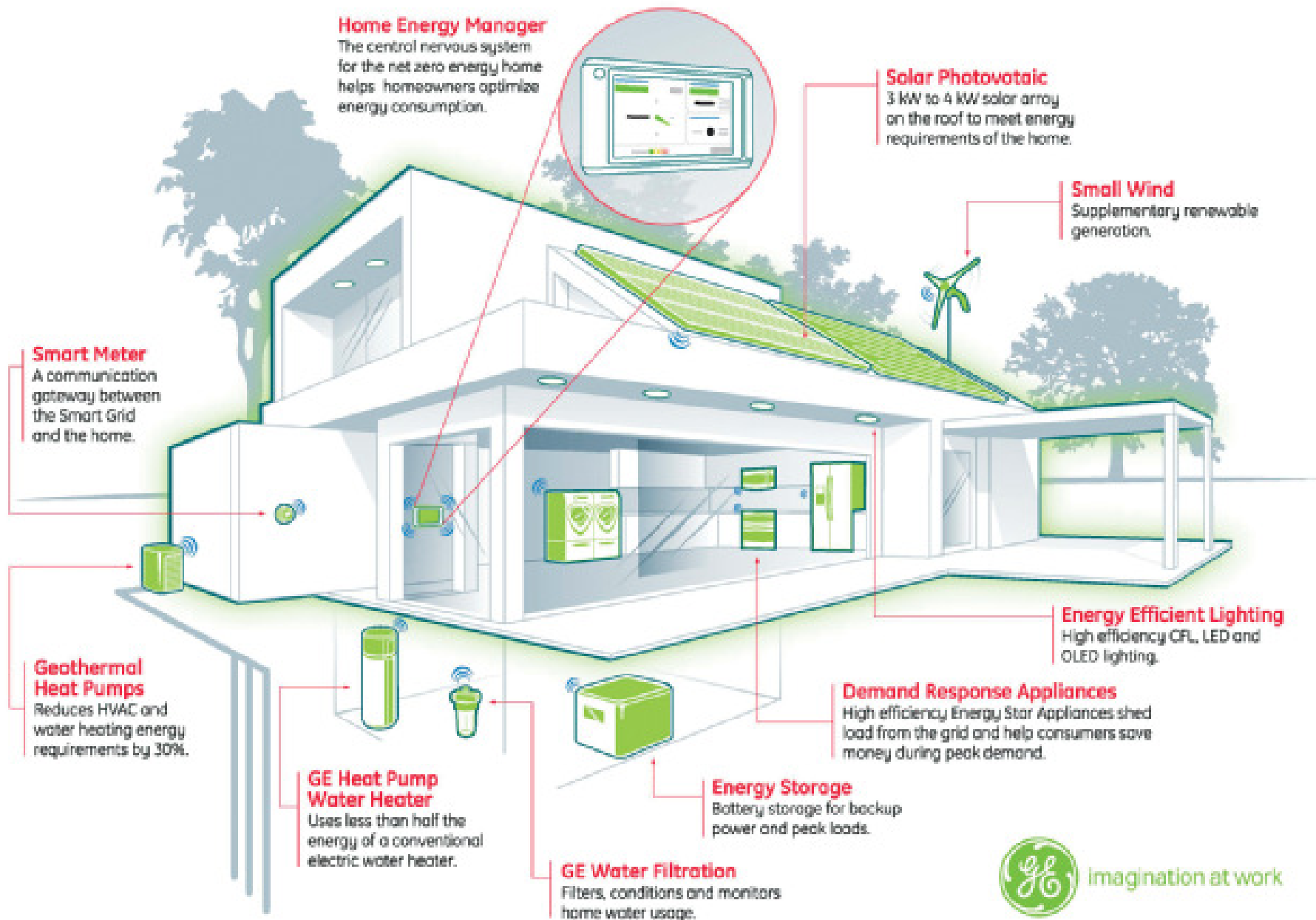
imagination at work

# Edison

## would be pleased



# GE Targets Net Zero Energy Homes by 2015





## More ENERGY STAR® choices than ever

Today, GE has over **440 ENERGY STAR** appliance models on the market, making it easy for you to take advantage of any rebates, tax credits or sales tax exemptions on energy-efficient products that your state and local utilities may offer.\* With GE, you can choose from a greater selection of ENERGY STAR products than ever before.



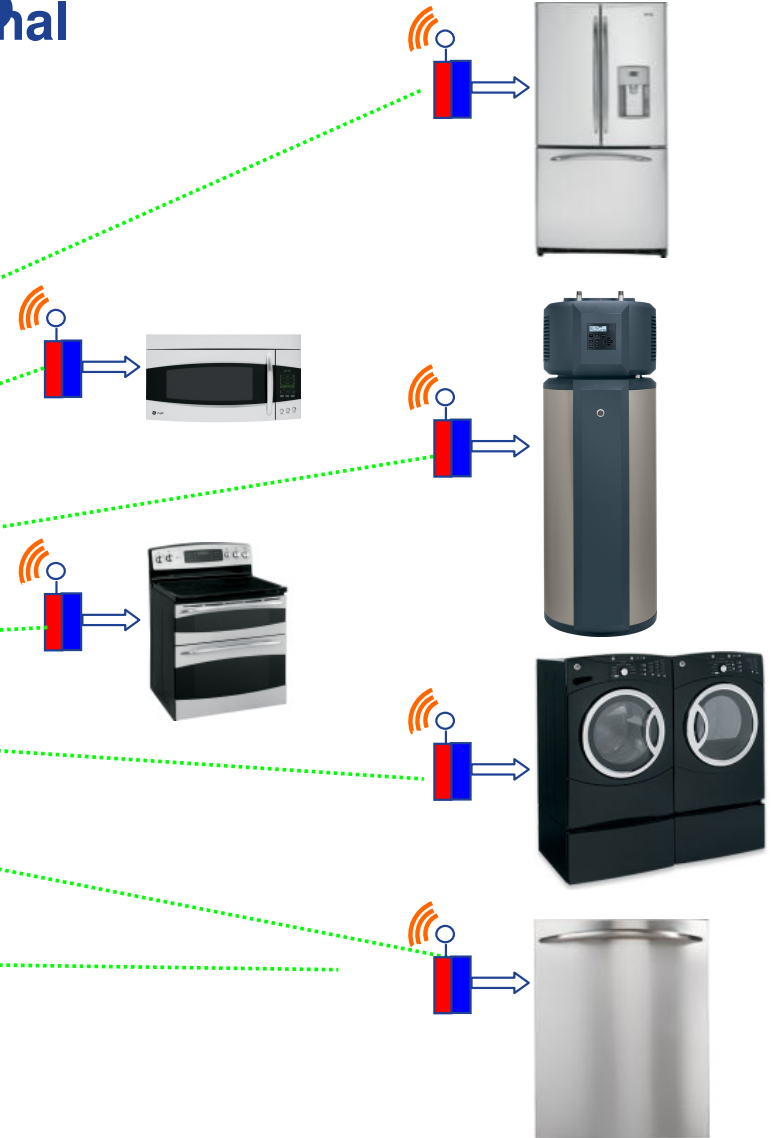
\*U.S. Department of Energy  
4 /  
GE Title or job number /

**3/12/2010**

# GE Demand Response Appliances

Appliance Communication + Simplified Utility Signal

Direct tie to meter via:  
ZigBee  
Wifi  
PLC



Or direct FM connection

# GE – One Solution



\*

Open to various protocols.

Home Energy Manager

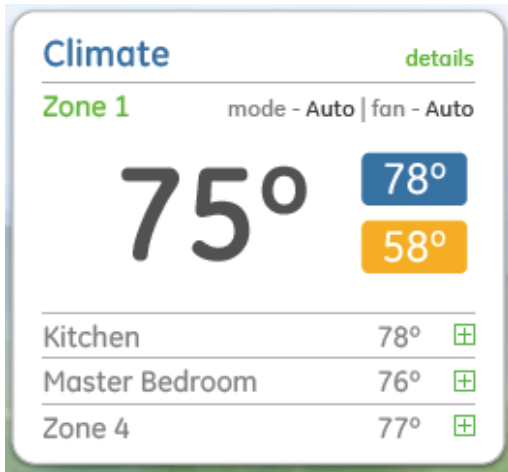
Full suite of DSM Appliances



\* Available July 2009



# Thermostat/Home Control Interface



Network Controller / Dash Display

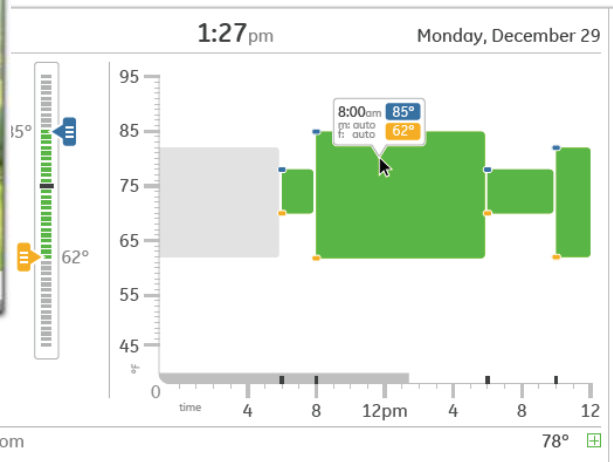


Thermostat



- Home Energy Manager – Electricity, Gas, Water

- Thermostat w/ basic electricity measurement



# GeoSpring hybrid water heater

<http://www.geappliances.com/products/water/heat-pump-water-heater/>



## AWARDS & RECOGNITION

GE Hybrid Water Heater Wins "Best Of What's New"

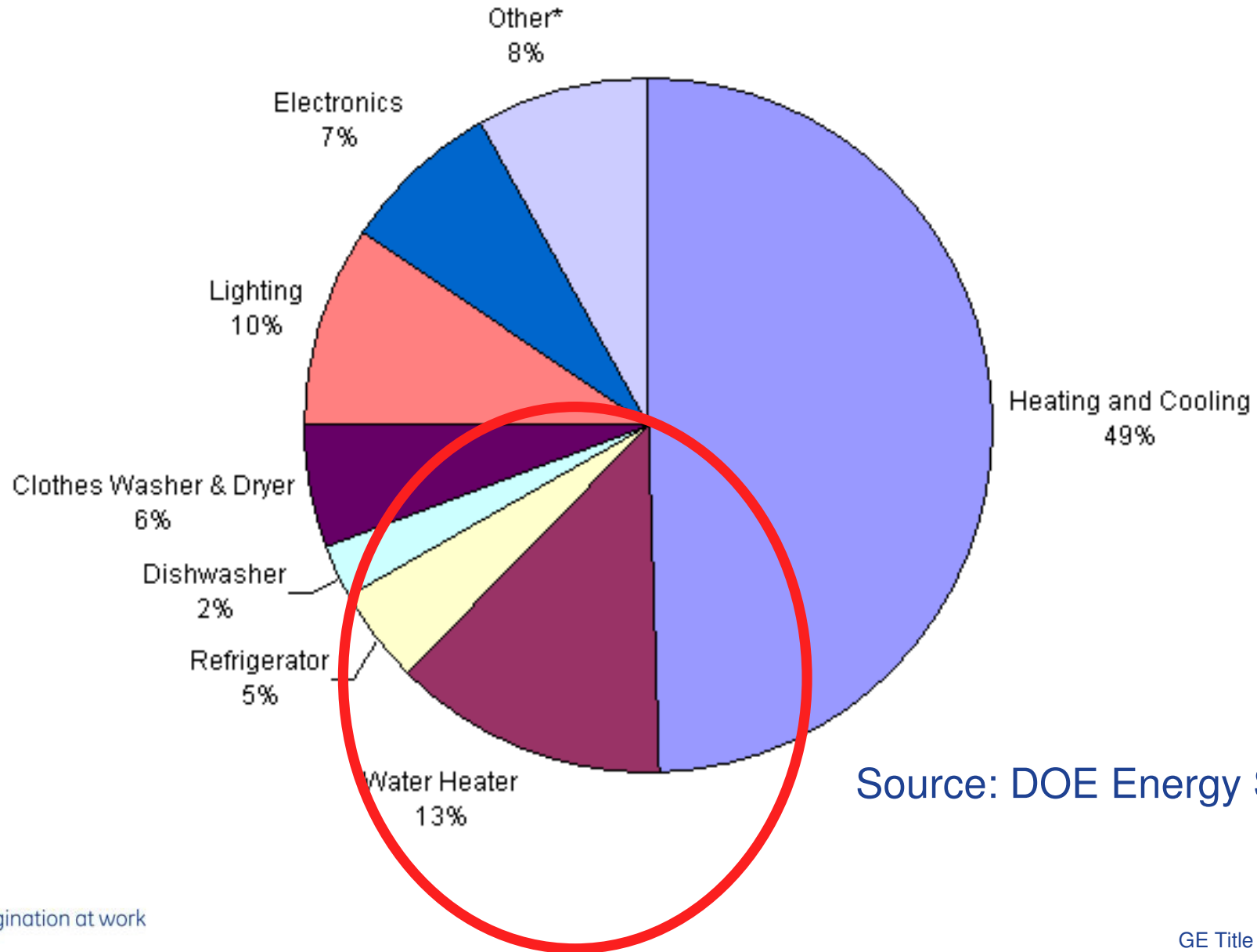
12 Nov 2009  
Source: C&I

Open the December issue of *Popular Science* and you'll find that the GE Hybrid Water Heater, with its advanced technology, pulls energy savings out of thin air. The innovative water heater has won a Best of What's New award in the Home Technology category. This is the fourth time GE's innovative products have won a *Popular Science* Best of What's New award for Home Technology.



inspired by  
**ecomagination™**  
3/12/2010  
Draft not for Publication

# Home Energy Usage – Water Heating 2<sup>nd</sup> Highest Single Energy User



Source: DOE Energy Star

# Two GE Energy Star Options



Indoor Style Shown

## Gas Tankless

EF=.82

Up to **35%** more efficient

Continuous Hot Water

7.5/9.4 GPM

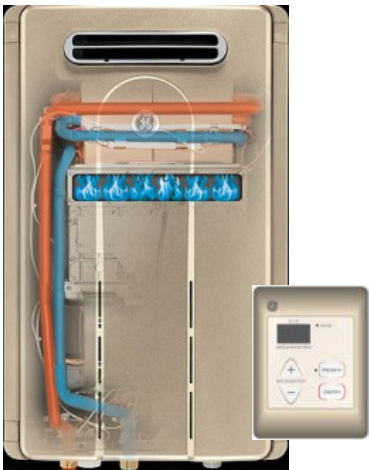
Direct Vent

NG/LP 120v

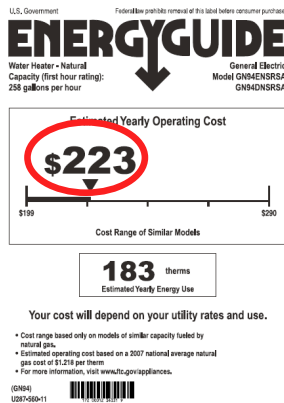
Indoor/Outdoor

Electronic Controls

30% Federal Tax Credit



Outdoor Style Shown



## GeoSpring Electric

EF= 2.35

Up to **62%** more efficient

50 Gallon Tank Capacity

63 Gallon First Hour Delivery

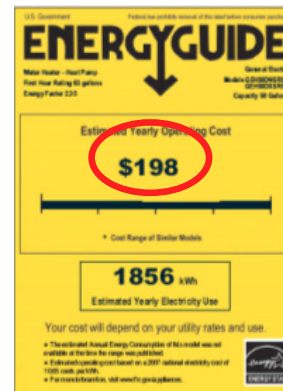
No Venting

208/240v 30 Amp Breaker

Basement/Garage/Closet

Electronic Controls

30% Federal Tax Credit



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