

# **On Demand Water Heater GMCWS Rally**

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**Thanks to Ray Erspamer**

# Why Do It?

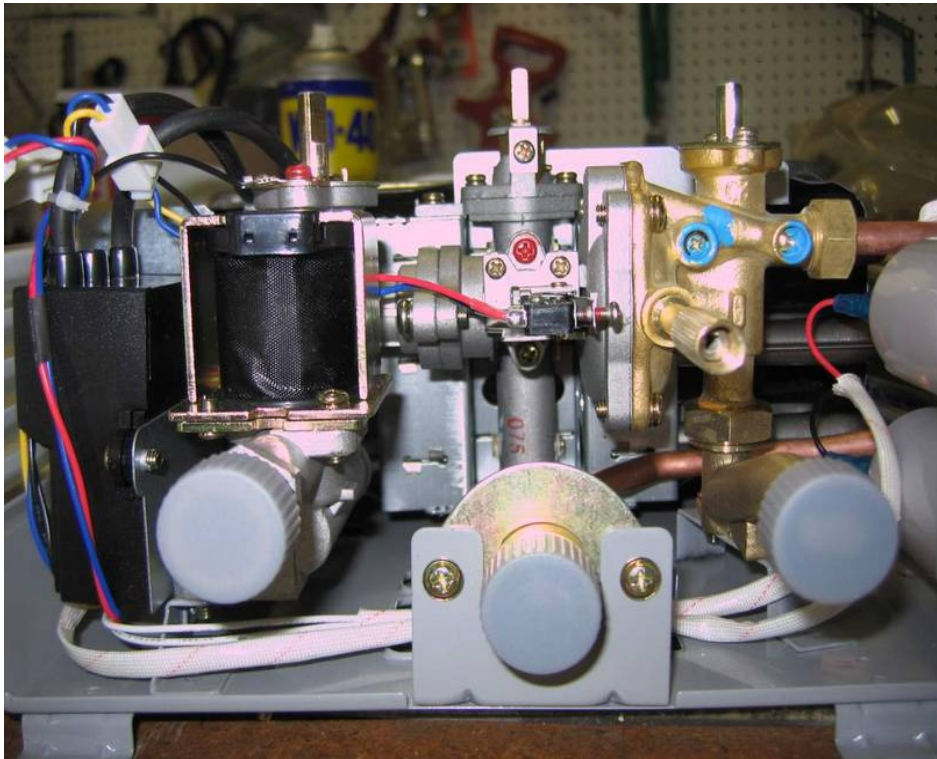
- Dry Camping
- Hot Water Tank Fails
- Lose Weight
- Energy Savings

# What is it?

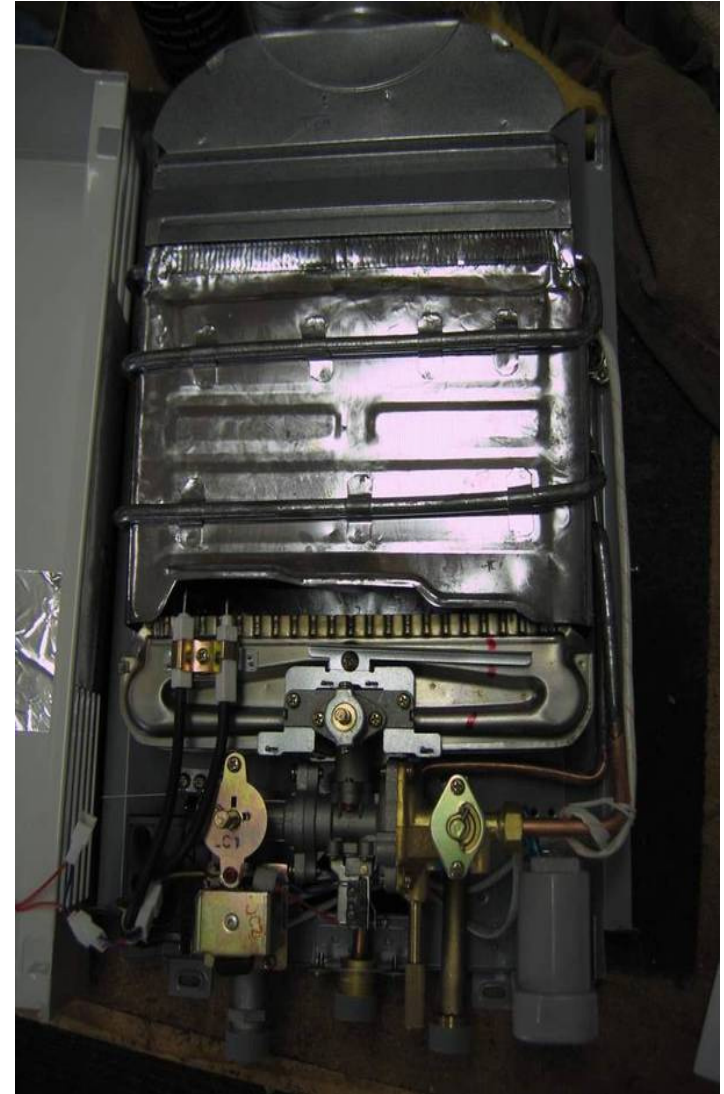


\$130 to \$170 online

# Internal Views



Bottom View



Front view w/o  
cover

# Performance

- Adequate hot water for shower
- Some variation w/ water flow
- Doesn't work well at trickle

# Issues

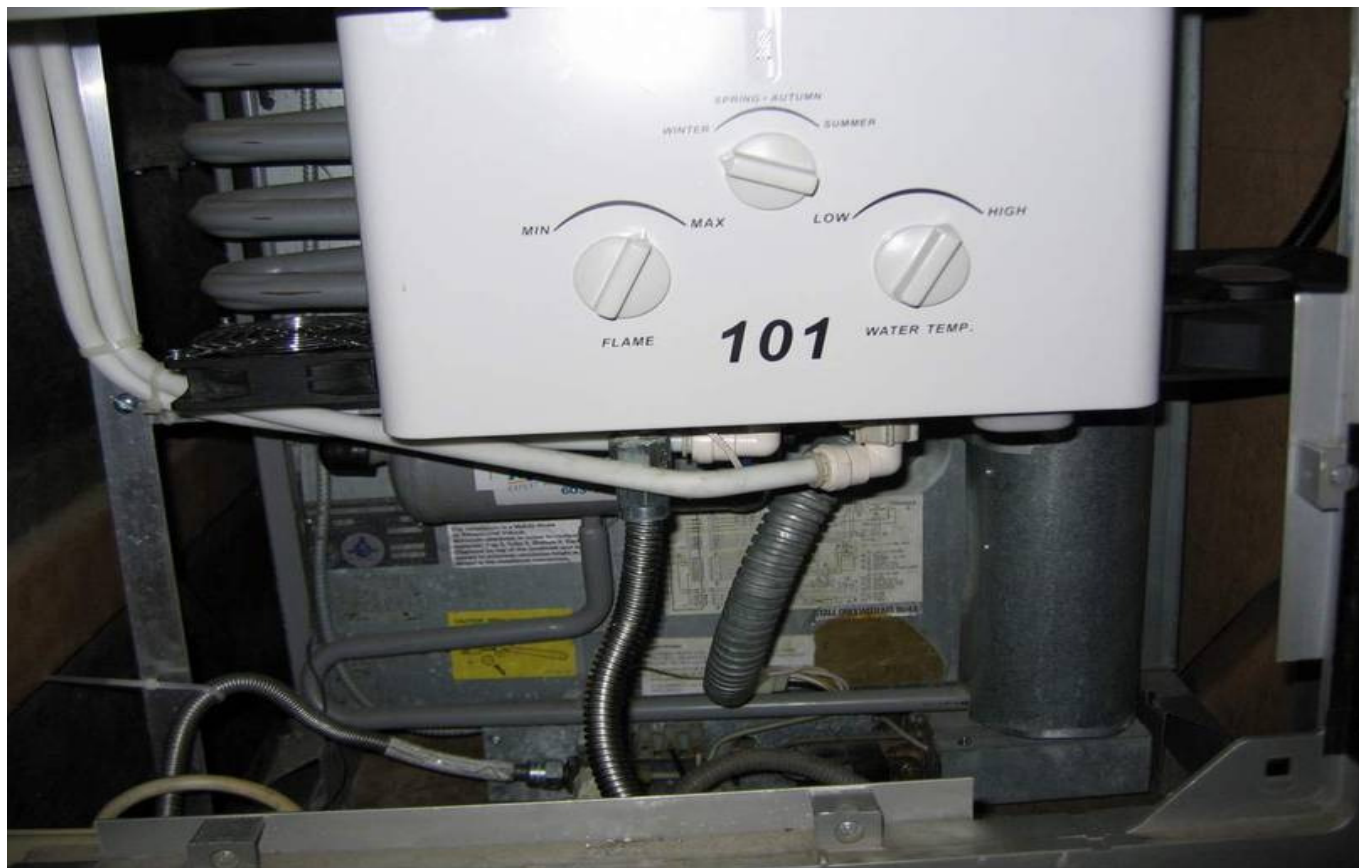
- 41000 Btu Burner
- Flame
- Refrigerator nearby
- Venting
- Remove Fridge to install

# Is It Safe?

- Meets most codes
- Used around world for decades
- Multiple safety features
- No standing pilot

# Location

- Behind Refrigerator







- Compartment w/ Fridge Removed



Mounting Frame and Wall Lining



Heater in place w/ fans, water, elec





Ductwork in place



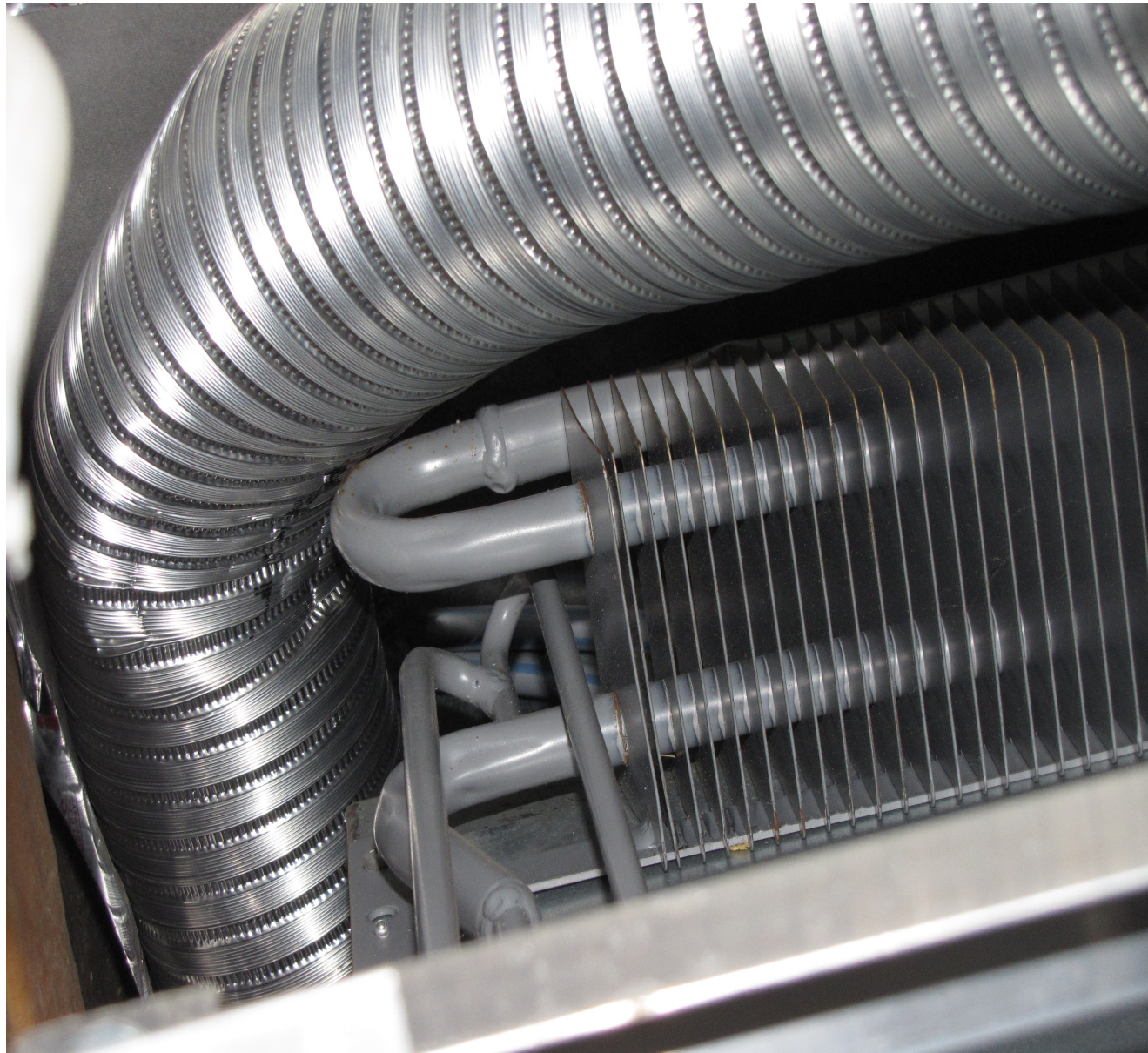
Ductwork run to vent





Duct run around refrigerator





Duct around refrigerator – tight fit!

# Installation Points

- Double wall duct – McM Carr 550deg
- Vent lined with sheetmetal
- Installed FireFight extinguisher