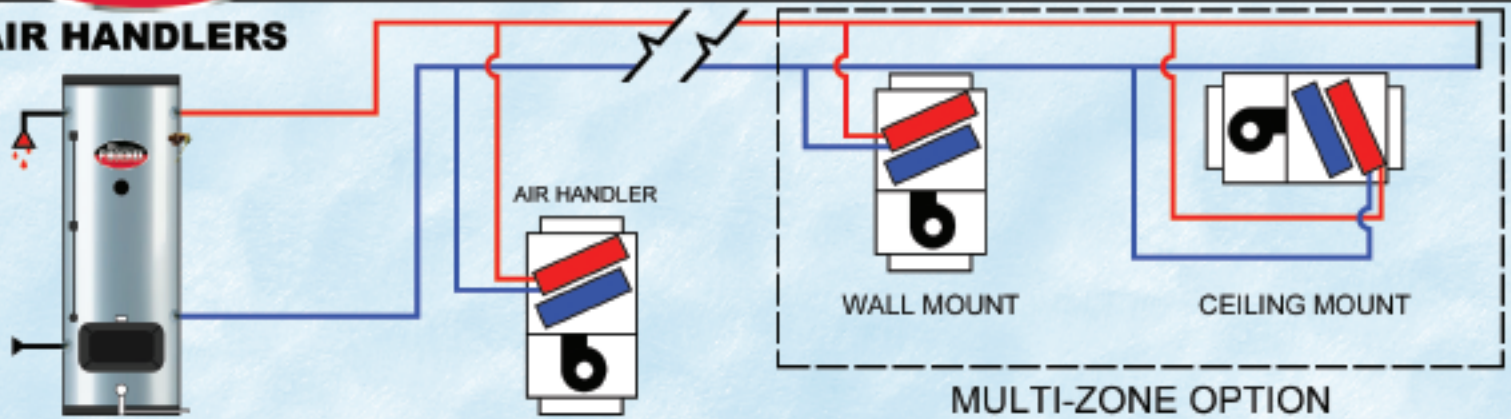




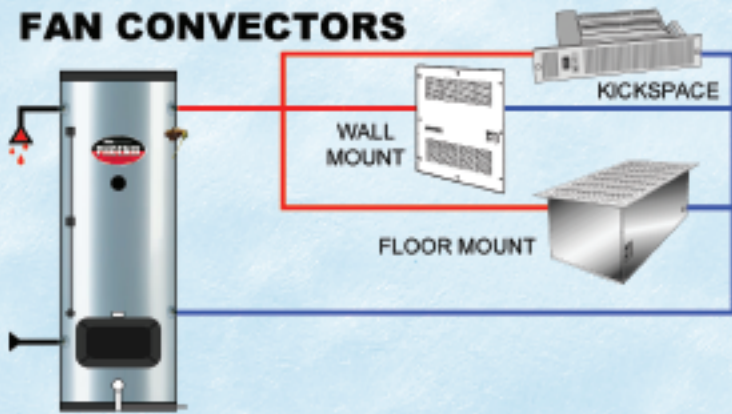
PHOENIX DISTRIBUTION

95% Water Heating / 95% Space Heating

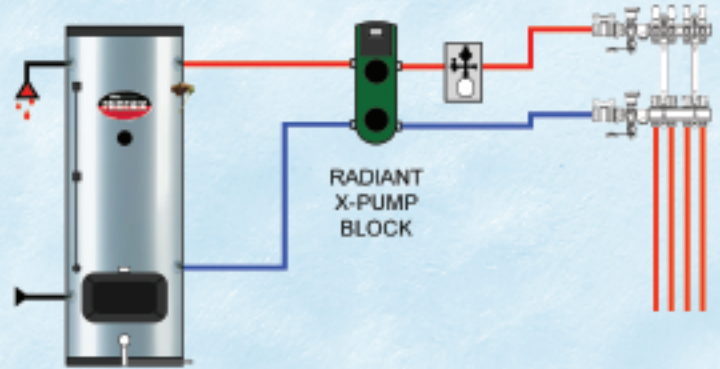
AIR HANDLERS



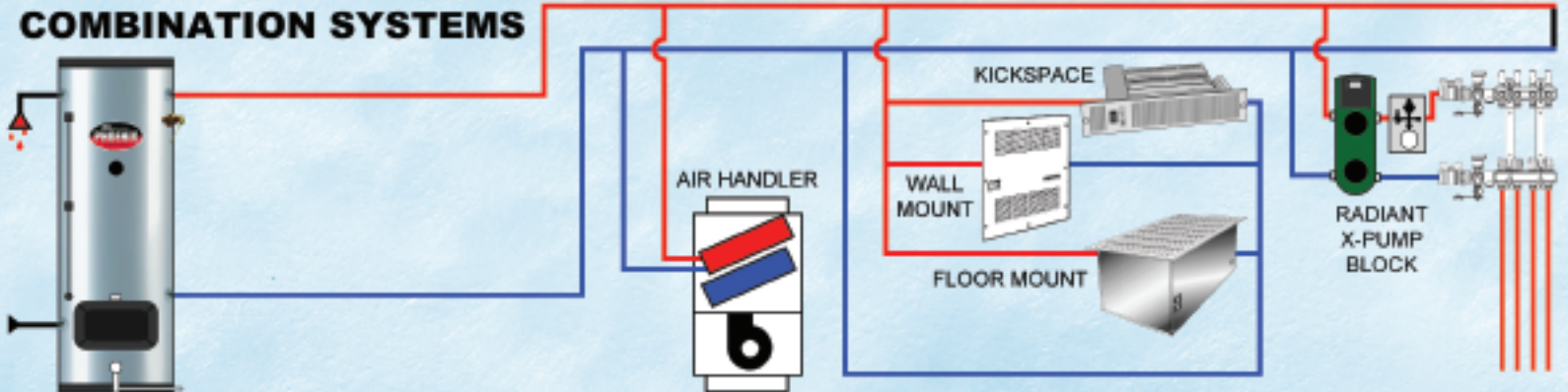
FAN CONVECTORS



RADIANT HEAT



COMBINATION SYSTEMS



ALSO FROM HEAT TRANSFER PRODUCTS



MUNCHKIN RESIDENTIAL
Condensing Boilers



MUNCHKIN COMMERCIAL
Condensing Boilers & Water Heaters



SUPERSTOR ULTRA
INDIRECT WATER HEATERS



HEAT TRANSFER PRODUCTS

JTG/Juir Manufacturer's Representative

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95%

Modulating Combi Water Heater

From the maker of the popular **MUNCHKIN** condensing boiler comes the Phoenix condensing combi water heater. Phoenix is the pinnacle of 10 years product evolution and field experience resulting in a super durable, reliable, quiet and cost effective ultra high efficiency water heater.

Super Efficient

- 95% combustion efficiency
- 2"+ foam insulation 0.5%/hr standby heat loss
- Load matching modulation

Super Reliable

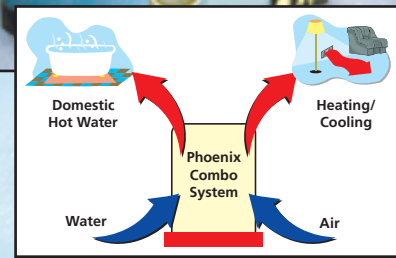
- 316L Stainless steel tank
- Cupronickel/Stainless Steel heat exchanger & combustion chamber
- Millions of key components in worldwide use
- 3:1 modulation reduces cycling, adds component life
- 30 years of tank manufacturing experience including 75,000 condensing water heaters
- Spark ignition
- Euro reliable field tested components

Super Quiet

- Whisper quiet: .45 DB at 5 ft

Simple Installation

- Flexible venting, balanced flue of 100' each way or unbalanced flue 100' exhaust

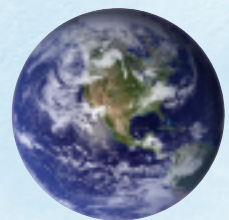


Ample Hot Water

Modern homes with multiple bathrooms and whirlpool baths need high capacity water heaters to meet large peak loads. The Phoenix is the perfect fit.

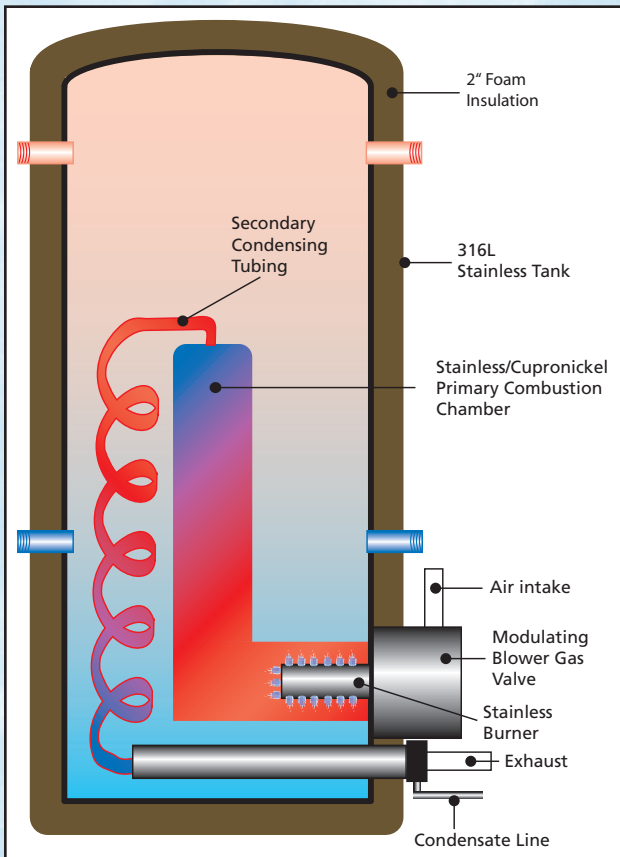
The Green Choice: LowNox

The Phoenix reduces carbon emissions over standard efficiency heaters by TONS over 10 years.



Affordable

High efficiency is more cost effective than ever!



Phoenix

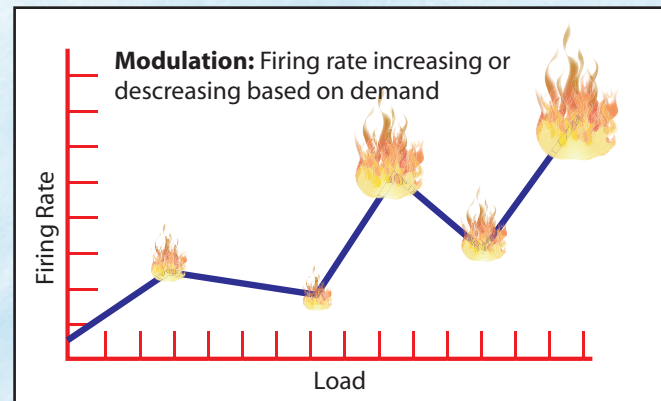
Modulating Hot Water Heaters

HOW PHOENIX WORKS

The Phoenix is a super insulated stainless steel water storage tank fitted with a combustion chamber submerged in the tank water. When the burner is fired, the hot combustion gases heat the combustion chamber walls, transferring the heat directly to the surrounding water. The hot gases are blown into the secondary heat exchange coils where even more heat is transferred to the water condensing the combustion gases and wringing yet more heat from the gases. Finally, the cool LowNox exhaust air is vented via plastic pipe to the outdoors.

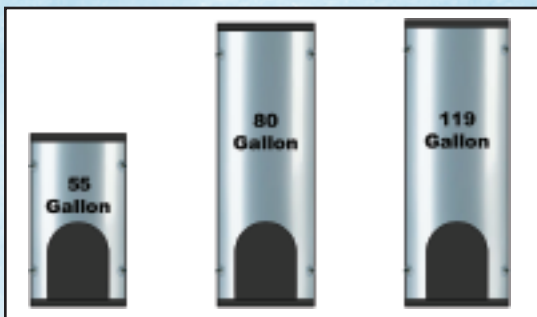
Why Modulation Matters

The Phoenix electronic control adjusts the burner fire rate to match demand exactly. The burner fire rate increases as the demand increases and decreases as the hot water demand approaches the required temperature set point. This load matching modulation dramatically reduces on/off cycling, resulting in longer component life, reliability and higher system efficiency.



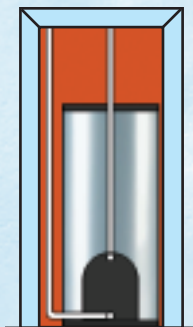
Three Tank Sizes

The system designer can select from three tank sizes to match peak hot water demand requirements of the project.



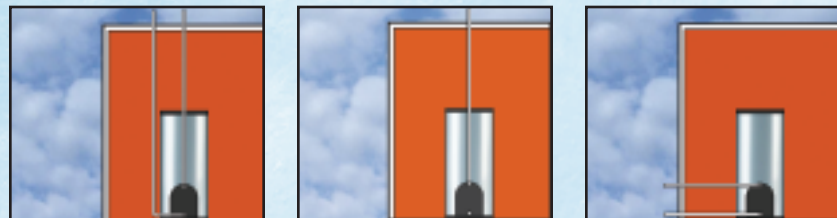
Compact

A Phoenix is 24" wide, uses only 5 square feet of floor space and is rated zero clearance to combustible surfaces.



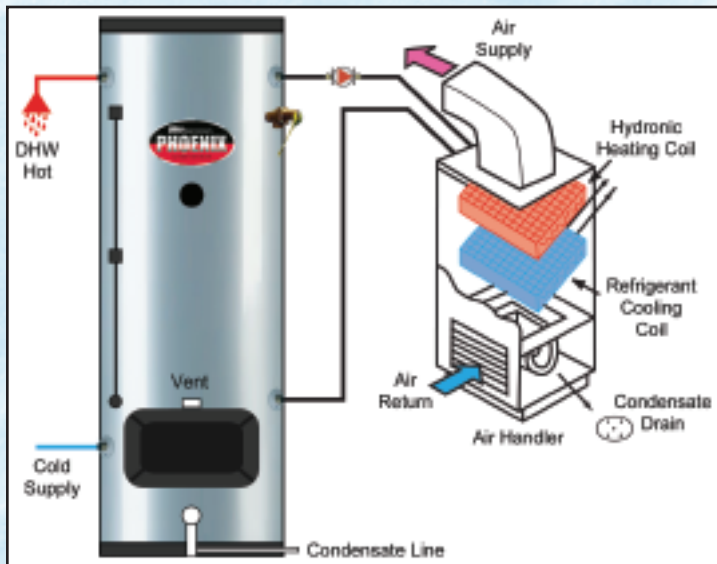
Flexible PVC Venting

Phoenix can exhaust up to 100 feet with flexible venting options to meet the requirements of any job.



Phoenix... The Big Payoff

95% Efficient Hot Water and Heating



Hydro Comfort Systems™

ITS SIMPLE

- One vent
- One gas line
- One flame

Real Whole House Efficiency Lower Operating Cost

Using one 95% efficient Phoenix hot water heat source to provide both domestic hot water and space heating provides the fastest payback on your investment by saving energy in two ways!

In many homes the annual domestic hot water load and space heating load are approximately equal, so a high efficiency furnace only does 1/2 the job.

Hot Water Zoning Saves Energy and Space

Zoning lowers energy bills by allowing the end user to reduce energy use in unoccupied areas. Hot water from the Phoenix can flow to remotely located air handlers, fan convectors, radiant heating etc., reducing or eliminating duct energy losses while very cost effectively providing energy efficient zoning.

This strategy reduces space requirements, system energy usage and reduces the installed cost over homes using multiple furnaces and water heaters.

Flexible System Distribution Design

With Phoenix the designer has the choice of different types of heat distribution to solve heating and cooling, zoning, ducting and comfort challenges. These types of distribution can be used solely or combined within a given building.

AIR HANDLERS

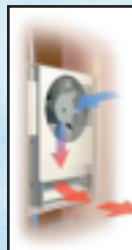
Heating and Cooling

- Heating and cooling with DX or Chilled Water
- Reduced ducting with multiple units
- Easy zoning with multiple units
- No vent or gas line
- Two stage or variable speed



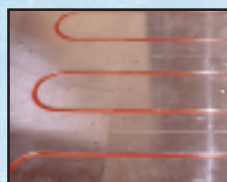
FAN CONVECTORS Heating

- No ducting required
- Individual room zoning
- Many styles: Kickspace, wall types, floor models



Radiant Heating

- Unsurpassed comfort
- No ducting
- Easy zoning
- Silent



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