

# PHOENIX LIGHT DUTY

## Residential Gas Water Heaters



### Features

- **MODULATING BURNER** – Allows 3:1 turndown ratio to provide the correct amount of power when needed (25,000 to 76,000 BTU).
- **HIGH EFFICIENCY** – Up to 0.90 UEF and 206 gallon First Hour Rating.
- **MAXIMUM DURABILITY** – Tank constructed of high-quality stainless steel with a cupronickel heat exchanger that ensures years of maintenance-free operation.
- **LIGHTWEIGHT** – Stainless-steel tank for easier transportation and installation compared to traditional glass-lined water heaters.
- **FRONT COMBUSTION CHAMBER** – Allows for ease of access and servicing of the combustion assembly.
- **LCD SCREEN** – easy to read LCD (icon and text) display.
- **INTELLIGENT CONTROLS** – Monitor inlet and outlet water temperatures to automatically adjust modulation and ensure consistent performance.
- **VERSATILE VENTING** – Vents in 2" PVC, CPVC, or ULC S636 up to 150ft combined intake & exhaust.
- **FULLY AUTOMATIC TEMPERATURE CONTROLS** up to 160° F.
- **AUXILIARY PORT** for recirculation line or to hook up with an air handler.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** – Included for ease of installation.
- **DURABLE BRASS DRAIN VALVE** – Factory installed for fast and easy draining.
- **GAS CONNECTION** – 1/2" female gas connection.
- **ADDED PROTECTION** – High quality aluminum anode rod to extend tank life.
- **NATURAL GAS AND LP MODELS AVAILABLE**
- **RESIDENTIAL WARRANTY** – 7-year Limited tank warranty (upgradable to 10-years) and 1 year parts.
- **COMMERCIAL WARRANTY** – 3-year Limited tank warranty (upgradeable to 5-year Limited warranty) and 1-year warranty on parts.



Globally Recognized. Industry Respected.

### Plus

- **MEETS ALL EFFICIENCY REQUIREMENTS OF THE DOE**
- **EXCEEDS ASHRAE 90.1B-1992 EFFICIENCY REQUIREMENTS**
- **ENERGY STAR RATED**
- **ENVIRONMENTALLY SAFE CFC FOAM 2+ INCHES OF SUPER FOAM INSULATION FOR LOW STANDBY LOSS**
- **AHRI CERTIFIED AND LISTED**
- **NSF 5 CERTIFIED**
- **ULTRA-LOW NOX RATED** – PER SCAQMD RULE 1146.2
- **ANSI Z21.10.3 CERTIFIED FOR SAFETY**
- **MEETS ALL REQUIREMENTS OF MASSACHUSETTS PLUMBING BOARD**
- **LEAD FREE** – PER SAFE WATER DRINKING ACT SDWA SECTION 1417



**SCAN HERE!**

For more info about the  
PHOENIX LIGHT DUTY



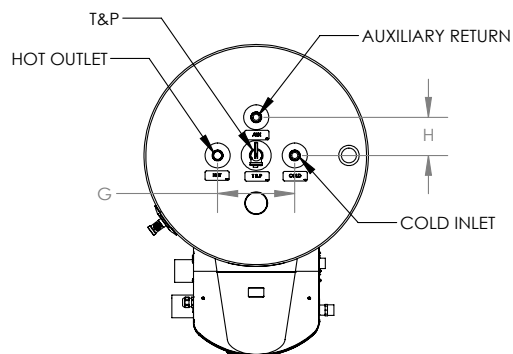
## SPECIFICATIONS AND APPLICATION DATA

| MODELS  | NOMINAL CAPACITY (GAL) | DOE RATED CAPACITY (GAL) | BTU INPUT NAT & LP GAS (BTU) | FIRST HOUR RATING (GAL.) | UEF  | RECOVERY EFFICIENCY % | GPH RECOVERY @ 100F* RISE (GAL) | AIR INTAKE/ EXHAUST VENT SIZE | COMBINED INTAKE/ EXHAUST VENT LENGTHS | INLET/ OUTLET SIZE |
|---------|------------------------|--------------------------|------------------------------|--------------------------|------|-----------------------|---------------------------------|-------------------------------|---------------------------------------|--------------------|
| PH76-50 | 50                     | 48                       | 76,000                       | 154                      | 0.90 | 96                    | 98                              | 2"                            | 150 FT                                | 3/4" NPT           |
| PH76-60 | 60                     | 58                       | 76,000                       | 157                      | 0.88 | 97                    | 98                              | 2"                            | 150 FT                                | 3/4" NPT           |
| PH76-80 | 80                     | 77                       | 76,000                       | 206                      | 0.87 | 94                    | 98                              | 2"                            | 150 FT                                | 3/4" NPT           |

## SPECIFICATIONS AND DIMENSIONS

| MODELS  | HEIGHT (IN) | GAS CONNECTION HEIGHT (IN) | INTAKE HEIGHT (IN) | EXHAUST HEIGHT (IN) | DIAMETER (IN) | PRODUCT DEPTH (IN) | WATER CONNECTIONS DISTANCE (IN) | AUX DEPTH (IN) | SHIPPING WEIGHT (LBS) |
|---------|-------------|----------------------------|--------------------|---------------------|---------------|--------------------|---------------------------------|----------------|-----------------------|
|         | A           | B                          | C                  | D                   | E             | F                  | G                               | H              |                       |
| PH76-50 | 44 ¾        | 33                         | 33                 | 6 ¾                 | 23            | 32 ½               | 8                               | 4              | 155                   |
| PH76-60 | 52 ¾        | 33                         | 33                 | 6 ¾                 | 23            | 32 ½               | 8                               | 4              | 170                   |
| PH76-80 | 69 ½        | 33                         | 33                 | 6 ¾                 | 23            | 32 ½               | 8                               | 4              | 195                   |

TOP VIEW



FRONT VIEW

