

PHOENIX LIGHT DUTY

Commercial 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 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**

SPECIFICATIONS AND APPLICATION DATA

MODELS	NOMINAL CAPACITY (GAL)	DOE RATED CAPACITY (GAL)	BTU INPUT NAT & LP GAS	FIRST HOUR RATING (GAL.)	UEF	RECOVERY EFFICIENCY %	GPH RECOVERY @ 100° RISE	AIR INTAKE/ EXHAUST VENT SIZE	COMBINED INTAKE/ EXHAUST VENT LENGTHS	INLET/ OUTLET SIZE
PH76-50	50	48	25,000-76,000	154	0.9	0.9	98	2"	150 FT	3/4" NPT
PH76-60	60	58	25,000 - 76,000	157	0.88	0.88	98	2"	150 FT	3/4" NPT
PH76-80	80	77	25,000 - 76,000	206	0.87	0.94	98	2"	150 FT	3/4" NPT

SPECIFICATIONS AND DIMENSIONS

MODELS	HEIGHT	GAS CONNECTION HEIGHT	INTAKE HEIGHT	EXHAUST HEIGHT	DIAMETER	PRODUCT DEPTH	WATER CONNECTIONS DISTANCE	AUX DEPTH	SHIPPING WEIGHT
	A	B	C	D	E	F	G	H	
PH76-50	44 1/4"	33"	33"	6 1/4"	23"	32 1/2"	8"	4"	155
PH76-60	52 1/2"	33"	33"	6 1/4"	23"	32 1/2"	8"	4"	170
PH76-80	49"	33"	33"	6 3/4"	23"	32 1/2"	8"	4"	195

