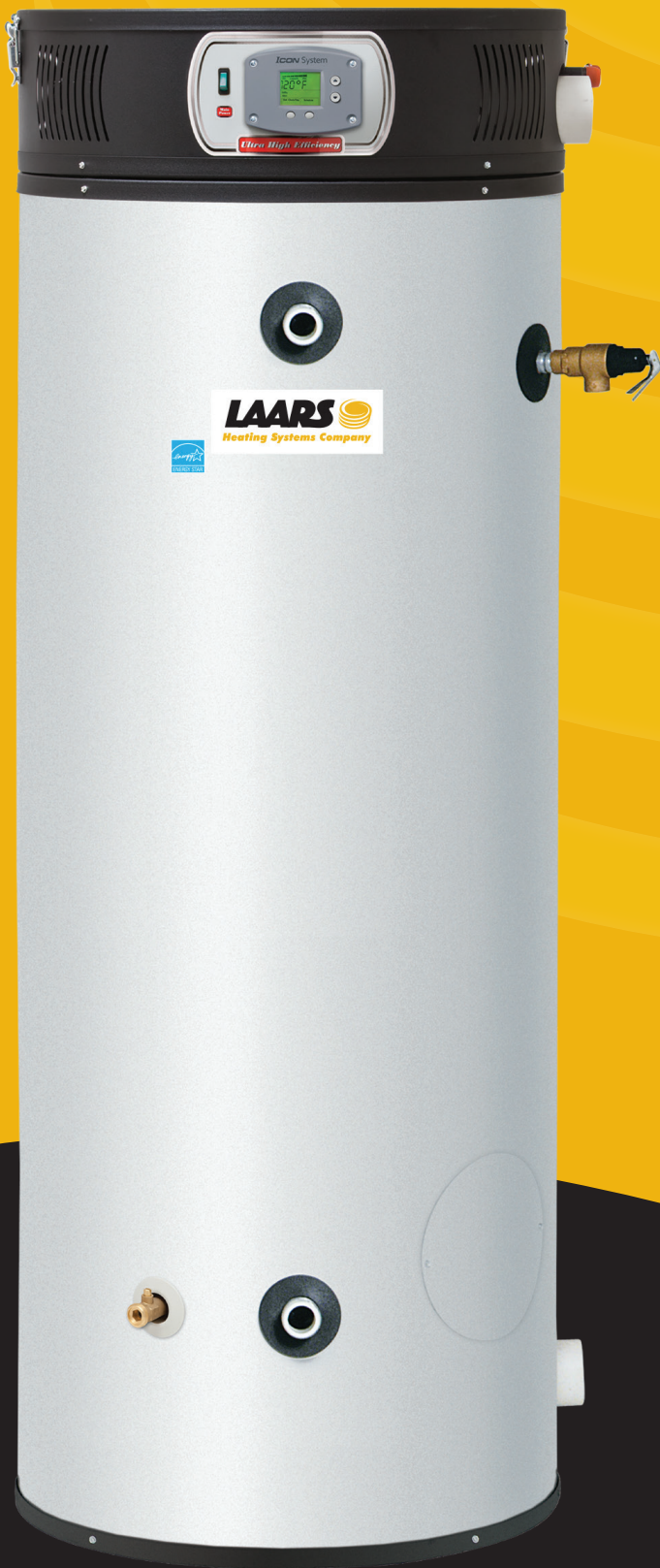


LAARS U.H.E.®



Ultra-High Efficiency Commercial Water Heaters

ULTRA-HIGH DURABILITY

ULTRA-HIGH RECOVERY

ULTRA-HIGH EFFICIENCY

- Up to 97% Thermal Efficiency

LAARS® 
Heating Systems Company

Built to be the Best®

LAARS U.H.E.®

The Laars U.H.E. commercial gas water heater outperforms the competition when it comes to installation flexibility, quiet operation, and ultra-high performance.



Ultra-High Performance

- Pre-mix self-compensating power burner for increased fuel efficiency
- Thermal efficiency rating as high as 97%
- Hot water recovery rates are some of the industry's highest



Flexible Installation

- Vertical or horizontal vent
- Up to 170 equivalent feet of piping for unbalanced, direct-vent closed combustion applications
- Dielectric water fittings for easy water connections
- Zero-inch clearance
- Hand hole cleanout



Long-life Durability

- Patented stainless steel Sediment Reduction System
- Enamel glass lining with Microban® provides superior tank protection from the corrosive effects of water
- Protective magnesium anode rods
- Direct spark ignition
- 3-year limited warranty on steel tank; 1-year limited warranty on parts

**THE RELIABLE SOLUTION TO YOUR
COMMERCIAL HOT WATER NEEDS**

ULTRA-HIGH EFFICIENCY WATER HEATERS

Advanced Controls

Intelligent proven design combines temperature control, diagnostic codes, and system ignition functions into a single control with LCD display.

BMS Integration

Via Modbus standard, BACnet® compatible via gateway kit

Operation Mode

Two digitally displayed operation modes allow for the degree scale to be set to °F or °C and for the temperature setting to be adjusted as high as 180°F (82°C) to reach sanitizing temperature levels.

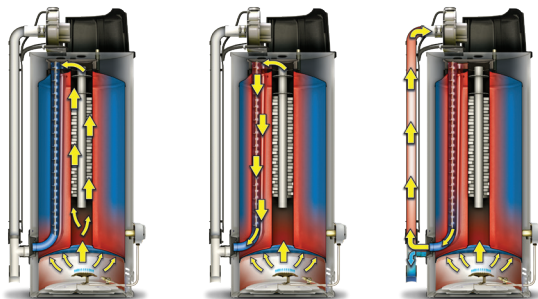


Service Mode

Eight different digitally displayed service screens can be easily cycled through by pressing the select button. Maximum temperature setting can be locked, and the control will display temperature sensor reading, flame current, and diagnostic codes.

Three-Pass Heat Exchanger System

The three-pass heat exchanger system keeps the hot combustion gasses moving at a high velocity. The combination of high turbulence and velocity causes an enormous rate of heat transfer into the water.



**RIGHTSPEC® SIZING TOOL CAN
HELP YOU SIZE YOUR WATER
HEATER NEEDS**

Model Number	GPH Recovery at Degree Rise												LPH Recovery at Degree Rise											
	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	140°F	17°C	22°C	28°C	33°C	39°C	44°C	50°C	56°C	61°C	67°C	72°C	78°C
LUHE60T125E3NA	485	364	291	242	208	182	162	145	132	121	112	104	1836	1378	1102	916	787	689	613	549	500	458	424	394
LUHE60T150E3NA	564	423	338	282	242	211	211	169	154	141	130	121	2135	1601	1279	1067	916	799	712	640	583	534	492	458
LUHE60T199E3NA	740	558	444	370	370	277	277	223	202	185	171	159	2801	2112	1681	1401	1200	1049	935	844	765	700	647	602
LUHE100T150E3NA	588	441	353	294	252	220	196	176	160	147	136	126	2226	1669	1336	1113	954	833	742	666	606	556	515	477
LUHE100T199E3NA	784	588	470	392	336	294	261	235	214	196	181	168	2968	2226	1779	1484	1272	1113	988	890	810	742	685	636
LUHE100T250E3NA	970	727	582	485	416	364	323	291	264	242	223	208	3672	2752	2203	1836	1575	1378	1223	1102	999	916	844	787
LUHE100T300E3NA	1115	836	669	558	558	418	418	335	304	279	257	239	4221	3165	2532	2112	1809	1582	1408	1268	1151	1056	973	905

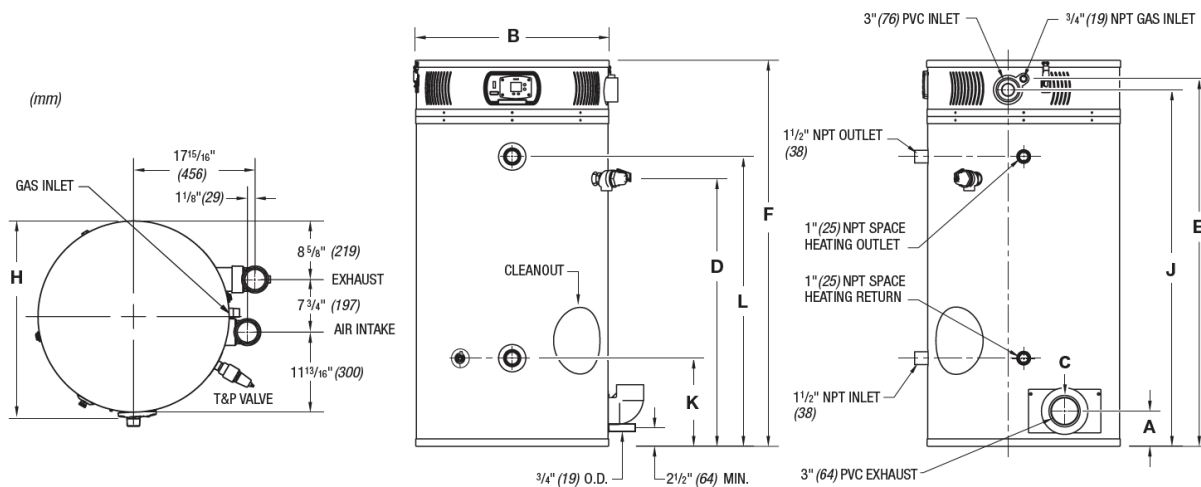
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Tax credits at
LAARS.COM



Rebates Available!

Don't forget to submit for
your rebate today!

TECHNICAL AND DIMENSIONAL DATA



Model Number	Nominal Gal. Capacity		BTU/Hr. Input LP BTU/Hr. Input		Therm. Eff. %	A	B	C	D	E	F	H	J	K	L	Water Conn. NPT	Gas Conn. Size	Relief Valve Open	Approx Shipping Weight
	U.S. Gal.	Imp. Gal.				in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
*LUHE60T125E3NA	60	50	125,000	125,000	96	5	28¼	3	39⅛	53¼	57	28¼	51⅝	12⅞	42¼	1½	¾	¾	570
LUHE60T150E3NA	60	50	150,000	150,000	93	5	28¼	3	39⅛	53¼	57	28¼	51⅝	12⅞	42¼	1½	¾	¾	570
LUHE60T199E3NA	60	50	199,999	199,999	92	5	28¼	3	39⅛	53¼	57	28¼	51⅝	12⅞	42¼	1½	¾	¾	570
*LUHE100T150E3NA	100	83	150,000	150,000	97	5	28¼	3	60⅛	74¼	77⅝	28¼	72⅜	12⅞	62¼	1½	¾	¾	900
*LUHE100T199E3NA	100	83	199,999	199,999	97	5	28¼	3	60⅛	74¼	77⅝	28¼	72⅜	12⅞	62¼	1½	¾	¾	900
*LUHE100T250E3NA	100	83	250,000	250,000	96	5	28¼	3	60⅛	74¼	77⅝	28¼	72⅜	12⅞	62¼	1½	¾	1	900
LUHE100T300E3NA	100	83	300,000	300,000	92	5	28¼	3	60⅛	74¼	77⅝	28¼	72⅜	12⅞	62¼	1½	¾	1	900

Model Number	Nominal Liter Capacity			Therm. Eff.	A	B	C	D	E	F	H	J	K	L	Water Conn. NPT	Gas Conn. Size	Relief Valve Open	Approx Shipping Weight
		kW/Hr. Input	LP kW/Hr. Input	%	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
*LUHE60T125E3NA	227	36.6	36.6	96	127	718	76	992	1353	1448	718	1303	327	1073	38	19	19	259
LUHE60T150E3NA	227	43.9	43.9	93	127	718	76	992	1353	1448	718	1303	327	1073	38	19	19	259
LUHE60T199E3NA	227	58.6	58.6	92	127	718	76	992	1353	1448	718	1303	327	1073	38	19	19	259
*LUHE100T150E3NA	379	43.9	43.9	97	127	718	76	1526	1886	1972	718	1857	327	1581	38	19	19	408
*LUHE100T199E3NA	379	58.6	58.6	97	127	718	76	1526	1886	1972	718	1857	327	1581	38	19	19	408
*LUHE100T250E3NA	379	73.2	73.2	96	127	718	76	1526	1886	1972	718	1857	327	1581	38	19	25	408
LUHE100T300E3NA	379	87.9	87.9	92	127	718	76	1526	1886	1972	718	1857	327	1581	38	19	25	408

Note: The weight is the same for both ASME and Non-ASME models. All models comply with the latest ultra-low NOx requirements of 14 ng/J or less for natural gas, and 77ppm or less for propane.

14.0" (365mm.) w.c. maximum static, 4.5" (114mm.) w.c. minimum running (recommend 7.0" (178mm.) w.c. minimum running)

For Propane gas models change suffix "N" to "X" and remove "e" from the model number.

Example: LUHE100T150E3X | (A) ASME - All models are available with ASME construction. To order ASME construction add the (A) to the end of the model number.

Example: LUHE60T125E3NA

*ENERGY STAR® models available

