Turbo Ultra High Efficiency Commercial Gas Water Heater

With Enhanced Modulation and Higher Thermal Efficiencies



125-Gallon Capacity for High-Demand Needs.

Up to 97% Thermal Efficiency. ENERGY STAR® certified.
Available in 399,999 and 500,000 BTU/Hr. inputs.

Enhanced Modulation: Provides improved fuel efficiency and up to a 6:1 Turndown Ratio.

Improved Features for Easier Installation, Including:
- Multiple side water connections
- Common Venting
- Front-located exhaust
- Powered anode system
- Space heating connection
- Prominently positioned advanced smart control
- High altitude SKUs available for installations at 2,000-7,800 ft. (610-2,377m)

Protective Powered Anodes: Two anode rods provide added protection against corrosion for long-term, trouble-free service.

Quality Innovations from Laars

As part of Laars' commitment to quality, the Turbo includes these exclusive features:

PROTECTION THAT LIVES ON MICROBAN

LAARS® Heating Systems Company

QUALITY ENGINEERING FROM TOP TO BOTTOM.

- **MODULATING DOWN-FIRED PREMIX POWER BURNER**
  Automatically regulates fuel flow for optimum combustion.
- **SUBMERGED COMBUSTION**
  Minimizes radiant heat loss for better efficiency.
- **ADVANCED COMMERCIAL CONTROL**
  For more accurate temperature control & superior diagnostics.
- **THREE PASS FIRE TUBE HEAT EXCHANGER**
  Provides maximum heat transfer surface area.
- **BMS INTEGRATION**
  Modbus & BACnet® compatible via an optional gateway kit.









These water heaters meet or exceed all or portions of (where applicable the minimum efficiency requirements of ASHRAE Standard 90.1 (latest edition).

NATURAL AND LIQUID PROPANE GAS

Model Number	Rated Nominal Volume U.S. Gal.	Rated Nominal Volume Imp. Gal.	Input BTU/Hr. Input	Therm. Eff. %
★ UFT120 0400 A13NCA	125	104	399,999	97.0
★ UFT120 0500 A13NCA	125	104	500,000	96.0

Model Number	Rated Nominal Volume Liters	Input kW/Hr. Input	Therm. Eff. %
★ UFT120 0400 A13NCA	473	117.2	97.0
★ UFT120 0500 A13NCA	473	146.5	96.0

Model Number	A Floor to Top of Heater in.	B Jacket Dia. in.	C Floor to Hot Water Conn. in.	D Floor to Cold Water Conn. in.	E Floor to Gas Conn. in.	F Floor to Top of Exhaust Conn. in.	G Floor to T&P Conn. in.	H Floor to Air Intake Conn. in.	J Floor to Return Conn. in.	K Depth in.	Water Conn. Dia. in.	Air Intake/ Exhaust Conn. Dia. in.	Gas Conn. Dia. in.	Relief Valve Conn. in.	Approx. Shipping Weight lbs.
★ UFT120 0400 A13NCA	78 1/2	32	62 3/4	11 7/16	74 1/8	12	61 11/16	74 3/8	36 5/16	37	2	4	1 1/2	1	1,100
★ UFT120 0500 A13NCA	78 1/2	32	62 3/4	11 7/16	74 1/8	12	61 11/16	74 3/8	36 5/16	37	2	4	1 1/2	1	1,100

Model Number	A Floor to Top of Heater mm.	B Jacket Dia. mm.	C Floor to Hot Water Conn. mm.	D Floor to Cold Water Conn. mm.	E Floor to Gas Conn. mm.	F Floor to Top of Exhaust Conn. mm.	G Floor to T&P Conn. mm.	H Floor to Air Intake Conn. mm.	J Floor to Return Conn. mm.	K Depth mm.	Water Conn. Dia. mm.	Air Intake/ Exhaust Conn. Dia. mm.	Gas Conn. Dia. mm.	Relief Valve Conn. mm.	Approx. Shipping Weight kgs.
★ UFT120 0400 A13NCA	1994	813	1595	291	1890	305	1567	1890	922	940	51	102	38	25	500
★ UFT120 0500 A13NCA	1994	813	1595	291	1890	305	1567	1890	922	940	51	102	38	25	500

For models placed at 2000-7800 ft (610-2377m) altitude, change character 11 to "B"
For propane models, change character 14 to "P"
For models with 5-year warranty, change character 13 to "5"
All models are built with ASME construction
All models comply with the latest ultra-low NOx requirements of 14 ng/J or less for natural gas and 77ppm NOx or less for liquid propane.
14.0" (356mm) w.c. maximum static, 3.5" (89mm) w.c. minimum running (NG) & 8" (203mm) w.c. minimum running (LP).
The water heater must be wired to 120VAC, 60Hz, 15A power supply.
★ = ENERGY STAR® Qualified.

LAARS® Heating Systems Company

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