

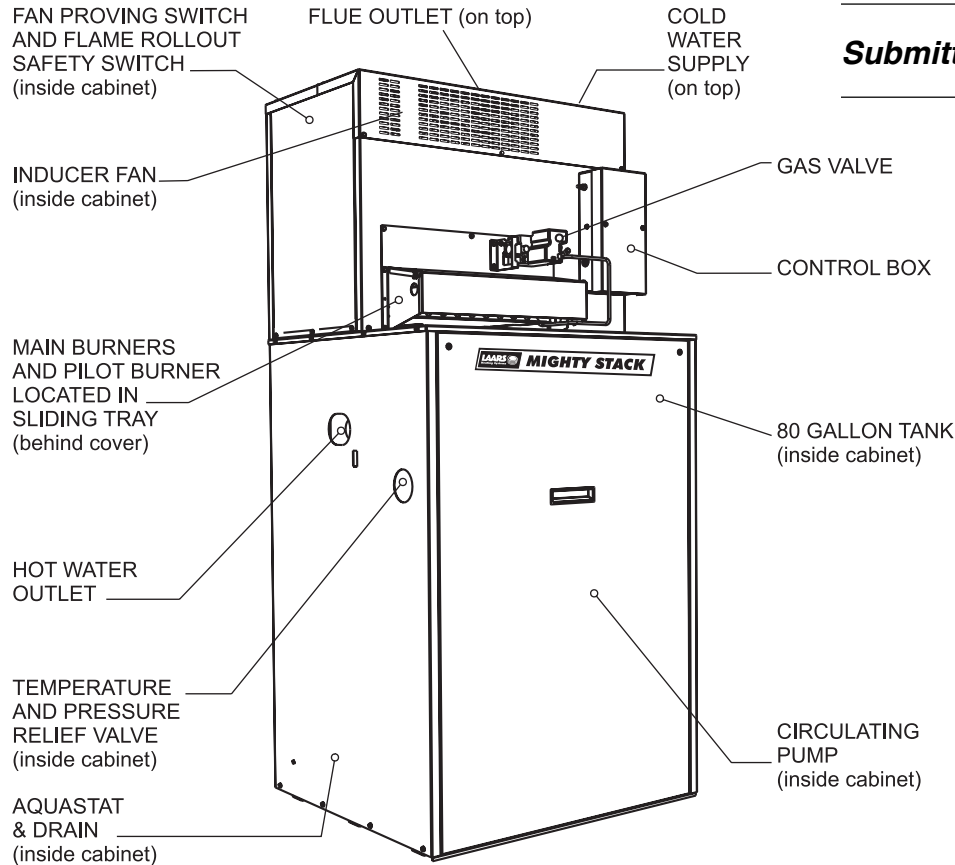
MIGHTY-STACK®

Hot Water Heater and Tank

TL80-199

Automatic Circulating
Water Heater and Tank

Submittal Data

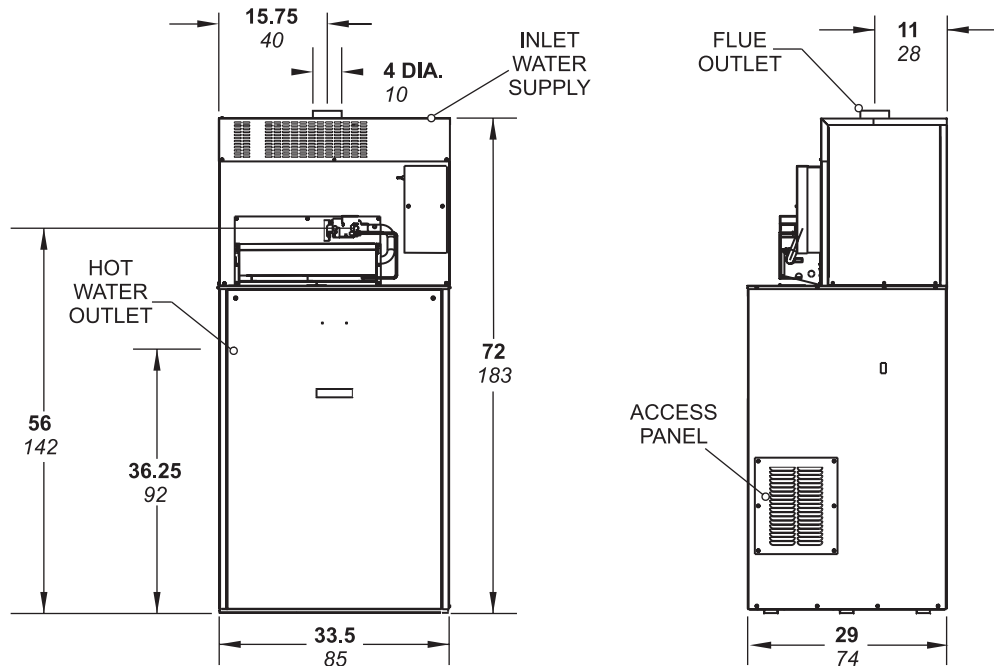


Standard Equipment

- CSA design certified to ANSI Z21.10.3
- 83% thermal efficiency
- Meets ASHRAE 90.1 requirements
- Combination operating gas valve/regulator
- Natural or Propane Gas
- 4" (102mm) vent
- Can be vertical (category I) vented
- Integral induced draft fan (can be horizontally (category III) vented up to 40-feet equivalent with no additional fans)
- Integral non-combustible base
- Copper tube heat exchanger
- Gasketless bronze headers
- 24 VAC control system
- Hot surface pilot ignition
- Slide-out burner tray
- Fan proving switch
- Flame rollout safety switch
- Tank mounted aquastat
- Manual reset high limit
- Pressure relief valve, 125 psi
- Circulator time delay relay
- Fully factory tested
- 10-year heat exchanger, 5-year tank warranty (see complete warranty for details)
- 80 gallon (303 liter) glass lined storage tank
- Sacrificial anode
- Maximum working pressure 150 psi

Dimensional Data

Input		Output		Thermal Efficiency	Gas Connection Size		Water Connection Size	Vent Connection Size		Shipping Weight	
MBTU/H	kW	MBTU/H	kW		Nat	LP		in	mm	lbs	kg
199	58.3	165	48.4	83%	¾" NPT	½" NPT	1½" NPT	4	102	550	250



Dimensions shown in inches cm.

Water Heater Recovery Data

Water Temperature Rise (GPH)										
40°F	50°F	60°F	70°F	80°F	90°F	100°F	110°F	120°F	130°F	140°F
490	392	326	280	245	218	196	178	163	151	140
Water Temperature Rise (L/Hr)										
22°C	28°C	33°C	39°C	44°C	50°C	56°C	61°C	67°C	72°C	78°C
1855	1484	1234	1060	927	825	742	674	617	572	530

Minimum Clearances from Adjacent Combustible Construction

Top	18"	46 cm
Water Connection Side	6"	15 cm
Opposite Side	6"	15 cm
Front	2"	5 cm
Rear	2"	5 cm