

SUBMITTAL DATA SHEET: Alliance LT



Alliance™ LT

Indirect Water Heater

Date: _____

Job Name: _____

Location: _____

Engineer: _____

Wholesaler: _____

Contractor: _____

Submitted to: _____

Model Designation: _____

Fuel: _____



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U.S. Boiler Company, Inc. - Lancaster, PA
Phone: 1-888-432-8887

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TECHNICAL INFORMATION

Alliance LT										
Model	Storage (gallons)	Performance Specifications					Physical Specifications			
		First Hour ¹ (gal./hr.)		Boiler Output ² (6 GPM @ 200°F) BTU/hr.	Boiler Water Continuous Flow		Standby Heat Loss (°F/hr.)	Height (in.)	Diameter (in.)	Shipping Weight (lbs.)
		@115°F	@140°F		Flow Rate (gal./min.)	Head Loss (ft./w.c.)				
AL30LT	30	295	225	150,000	6	7	0.72	40.5	22.75	70
AL55LT	55	325	255	150,000	6	7	0.72	41	28	95
AL80LT	80	350	280	150,000	6	7	0.56	53.5	28	125
AL80CLT*	80	485	395	235,000	14	14	0.45	53.5	28	125
AL119CLT*	119	605	495	295,000	14	20	0.42	74	28	125

*Commercial model

1. First flow ratings are based on 50°F inlet water, 200°F boiler supply to coil.
2. Output may vary depending on boiler size, boiler water supply temperature, flow rate through coil, and circumstances of installation and use.

STANDARD EQUIPMENT

- Thermoplastic seamless tank construction
- 1" (nominal) premium insulation
- Fiberglass outer shell
- Unique cold water diffuser
- TPI Thermostat Control module
- 3/4" MNPT cold water inlet connection*
- 3/4" FNPT hot water outlet connection*
- 3/4" MNPT boiler supply/return connections**
- 3/4" FNPT temperature & pressure relief valve
- Removable top mounted access plate with stainless steel flange reinforcements
- 10-year warranty, lifetime warranty optional (residential models only)

* 1-1/2" MNPT for commercial models

** 1" MNPT for commercial models

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ADDITIONAL NOTES

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