

# Ratings



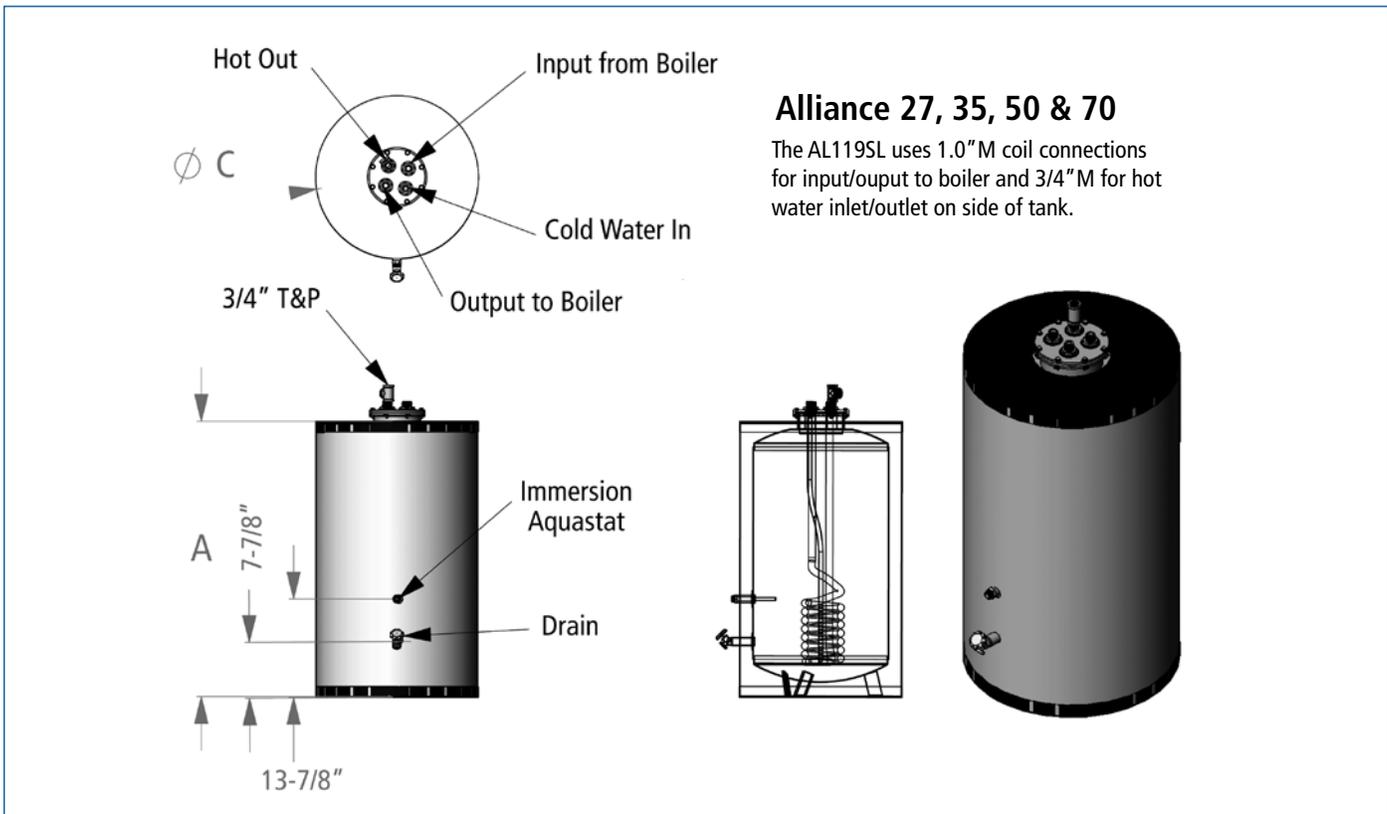
Model Number	Maximum First Hour Rating at 135°F (gal./hr.)	Continuous Draw Rating at 135°F (gal./hr.)	Standby Loss (°F/hr.)	Minimum Boiler Output (MBtu/hr.)	Boiler Water Flow Rate (gal./min.)	Pressure Drop through Coil (ft. w.c.)
AL27SL	192	162	0.97	99	6	9.0
AL35SL	200	162	0.72	99	6	9.0
AL50SL	225	171	0.56	110	6	9.5
AL70SL	294	217	0.45	120	6	10.0
AL119SL*	339	235	0.39	149	14	17.0

1. First flow ratings are based on 58°F inlet water, 135°F hot water and 180°F boiler supply water.
2. The above ratings were obtained at the boiler outputs (in MBtu/hr.) shown in column (4) at the boiler water flow rates (in GPM) shown in column (5). Other results will be obtained under different conditions.

\* Note: The AL119SL utilizes a side mounted coil that is shipped separately.

# Specifications

Model Number	Storage Capacity (gal.)	Height Dim. 'A' (in.)	Diameter Dim. 'C' (in.)	Maximum Allowable Working Pressure	Approximate Shipping Weight (lbs.)
AL27SL	27	39-1/4	20	150 PSI	170
AL35SL	35	39-1/4	22-3/4	150 PSI	198
AL50SL	50	40-3/4	26	150 PSI	248
AL70SL	70	45-3/4	28	150 PSI	300
AL119SL	119	67-3/4	28	150 PSI	480



© 2010 U.S. Boiler Company, Inc. - Lancaster, PA  
 Phone: 1-888-432-8887 • [www.usboiler.burnham.com](http://www.usboiler.burnham.com)