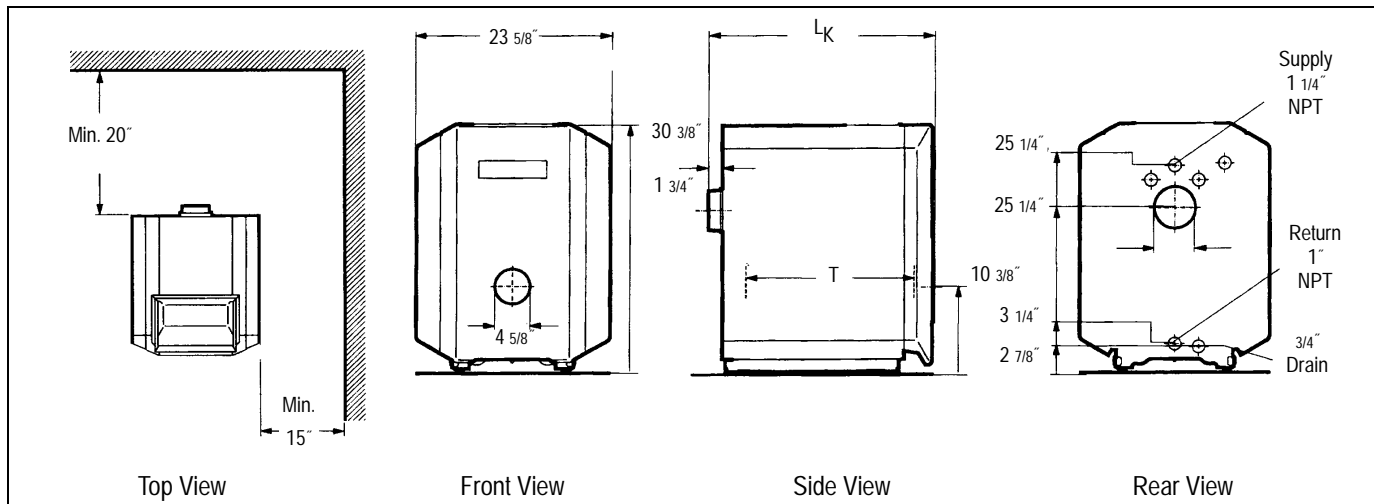


Dimensions and Technical Data for G115 Series Boilers



Note: G115 boiler approved for 6" side clearance. Above clearances are recommended for ample access.

Logano G115: Models from 74,000-120,000 BTU/Hr Heating Capacity



Boiler size	Number of sections	D.O.E. Heating Capacity BTU/Hr.	Net Rating BTU/Hr.	Firing Rate GPH	Boiler Length L _K in.	Combustion Chamber Length T in.	Flue connection dia D _A in.	Water Content Gal.	Net Weight lbs.	AFUE %
21	3	74,000	64,000	0.60	25 1/8	15 1/4	5	8.7	331	86.3
28	4	98,000	85,000	0.80	25 3/4	20	5	10.8	403	86.2
34	5	120,000	104,000	1.00	30 1/2	25	5	12.9	476	86.0

Ratings based on a heating value of 140,000 Btu/gal of No. 2 Fuel Oil, breaching draft of -.02 to -.03 In. W.C. and 13% CO₂. Minimum chimney height: 15'. Buderus recommends the use of customized Becket AFII, Carlin EZ-1 and Riello F3 and F5 burners when firing G115 boilers with oil in chimney vent applications. Buderus Hydronic Systems, Inc. offers above burners customized, complete with L8148A aquastat, flexible oil line, circulator and flanges.

Logano G115 Sealed Combustion Oil Boilers

One of two ETL certified terminations are required for use with G115 Series boilers for direct vent applications. Both terminations are "zero clearance" systems for easy and versatile applications.

ETL approved with 2 4" 90° elbows and up to 6' of 4" regular smoke pipe for short vent runs. For longer runs, use up to 10 ft. of flexible stainless steel insulated oil vent.

Clearance requirements to combustibles for boiler and exhaust systems:

Front of Boiler	Side of Boiler	Rear of Boiler	Top of Boiler	Galv. Vent Pipe	Flex. Insulated Oil Vent	AT-4 Exhaust only Termination	FT-4 Concentric Pipe in Pipe Termination
24"	6"	18"	6"	18"	1"	1"	1"



Built in accordance with the requirements of the ASME Boiler and Pressure Vessel Code

Burner Options for Sealed Combustion: Carlin P10, Riello BF3 and BF5.

- Use 4" metal pipe for air intake. It is recommended to have at least 6' to 8' of 4" metal pipe as air intake in conditioned space in cold climates (below -20°F).
- Sealed combustion burners equipped with pre and post-purge cycles for complete exhaust of all combustion products and cools oil burner nozzle for positive shut-off.
- Extreme quiet operation with sealed combustion boilers eliminates chimney and lowers total system cost.