



BUDERUS G115 & G115WS Boiler / Riello

Boiler Model	Input BTU/HR	Vent System	Burner Model	Insertion Depth	Firing Rate GPH	Burner Part No.	Air Tube Comb.	Head Setting	Specified Nozzle Type/Brand	Pump Pressure PSI	Breach Press W.C.	Over-fire Press W.C. Based on Breach Press W.C. Shown	Air Setting		Appx Gross Stack Temp.	
									Alternate Nozzle Type/Brand				Air gate	Band		
G115WS Series - Upfired																
G115WS/3	105000	Chimney	R40 F3	6"	0.75	C8511443	LBT*	2	Del. 0,60 x 60°B Del. 0,60 x 60°W	145	0 to -0,03	0 to Slightly +	4.00	---	350°F	
G115WS/4	126000	Chimney	R40 F5	6"	0.90	C8512543	LBT*	1	Del. 0,75 x 60°B Del. 0,75 x 60°A	145	0 to -0,03	0 to Slightly +	2.50	---	326°F	
G115WS/5	161000	Chimney	R40 F5	10"	1.15	C8512443	LBT*	3	Del. 0,85 x 60°B Del. 0,85 x 60°A	165	0 to -0,03	0 to Slightly +	3.00	---	325°F	
G115 Series - Chimney Vent																
G115/21	84000	Chimney	R40 F3	6"	0.60	C8511443	LBT*	0	Del. 0,50 x 60°B Del. 0,50 x 70°A	145	0 to -0,03	0 to Slightly +	2.25	---	289°F	
G115/28	112000	Chimney	R40 F5	6"	0.80	C8512543	LBT*	0	Del. 0,65 x 60°B Del. 0,65 x 60°W	145	0 to -0,03	0 to Slightly +	2.25	---	297°F	
G115/34	140000	Chimney	R40 F5	10"	1.00	C8512443	LBT*	2	Del. 0,85 x 60°B Del. 0,85 x 60°W	145	0 to -0,03	0 to Slightly +	2.50	---	284°F	
G115 Series - Direct Vent																
G115/21	84000	Direct vent	R40 BF3	6"	0.60	C8511343	LBT*	0	Del. 0,50 x 60°W Del. 0,50 x 60° B	145	N/A	N/A	3.50	---	316°F	
G115/28	112000	Direct vent	R40 BF3	6"	0.80	C8511344	LBT*	3	Del. 0,65 x 60°W Del. 0,65 x 60°B	145	N/A	N/A	5.50	---	304°F	
G115/34	140000	Direct vent	R40 BF5	10"	1.00	C8512343	LBT*	3	Del. 0,85 x 60°W Del. 0,85 x 60°B	145	N/A	N/A	4.50	---	310°F	

* Reverse air flow turbolator disk

Actual operating setting on the burner may different from factory settings. Adjust burner settings to obtain a #0 smoke reading with a CO2 value of 11% - 12%

Direct vent models: Drafts pressures will vary due to job site locations

This data sheet is intended to be a setup guide. It is critical that all oil fired heating equipment be installed using combustion efficiency test equipment.