



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	Breech Press W.C.	Over-fire Press W.C. Based on Breech Press	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 0.55x60°A	185	0 to -0,03	0 to Slightly +	3.50	---	350°F
									Del 0.55x60°B						
G115WS/4	126000	Chimney	R40 F5	6"	0.90	C8512543	LBT*	1	Del 0.65x60°A	190	0 to -0,03	0 to Slightly +	2.10	---	326°F
									Del 0.65x60°B						
G115WS/5	161000	Chimney	R40 F5	10"	1.15	C8512443	LBT*	2	Del 0.80x60°A	205	0 to -0,03	0 to Slightly +	3.10	---	325°F
									Del 0.80x60°B						
G115 Series - Chimney Vent															
G115/21	84000	Chimney	R40 F3	6"	0.60	C8511443	LBT*	0	Del 0.50x70°A	160	0 to -0,03	0 to Slightly +	3.50	---	289°F
									Del 0.50x70°W						
G115/28	112000	Chimney	R40 F5	6"	0.80	C8512543	LBT*	0	Del 0.60x60°A	185	0 to -0,03	0 to Slightly +	2.00	---	297°F
									Del 0.60x60°B						
G115/34	140000	Chimney	R40 F5	10"	1.00	C8512443	LBT*	2	Del 0.70x60°A	205	0 to -0,03	0 to Slightly +	2.50	---	284°F
									Del 0.70x60°B						
G115 Series - Direct Vent															
G115/21	84000	Direct Vent	R40 BF3	6"	0.60	C8511343	LBT*	0	Del 0.50x70°A	160	N/A	N/A	4.50	---	316°F
									Del 0.50x70°W						
G115/28	112000	Direct Vent	R40 BF3	6"	0.80	C8511344	LBT*	3	Del 0.60x60°A	185	N/A	N/A	5.25	---	304°F
									Del 0.60x60°B						
G115/34	140000	Direct Vent	R40 BF5	10"	1.00	C8512343	LBT*	0	Del 0.75 60°A	185	N/A	N/A	5.75	---	310°F
									Del 0.75x60°B						

* Reverse air flow turbolator disk

Actual operating settings on the burner may differ from factory settings. Adjust burner settings to obtain a #0 to trace smoke reading with approx 12% CO2

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

We recommend the use of a nozzle line pre-heater if intake air is suspected to be below 10°F at any time.

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