



BUDERUS G115 & G115WS Boilers

Boiler Model	Input BTU/HR	Vent System	Burner Model	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 W.C. Shown	Air Setting		Stack Temp.
								Alternate Nozzle Type/Brand				Air Band	Air Boot	
G115WS Series														
G115WS-3	105,000	Chimney	EZ-1HP	0.76	9748611J21	5" EZ-1	.60/.65	.60-60B Delavan .60-60W Delavan	160	-0.03	Slightly +	0.60		390-440°F
G115WS-4	133,000	Chimney	EZ-1HP	0.95	9748611J28	5" EZ-1	0.75	.75-60B Delavan .75-60B Hago	160	-0.03	Slightly +	0.75		390-440°F
G115WS-5	170,000	Chimney	EZ-1HP	1.16	9748611J34	5" EZ-1	0.75	0.85-60B Hago 0.85-60B Delevan	185	-0.03	Slightly +	1.00		400-460°F
G115 Series - Chimney Vent														
G115-21	84,000	Chimney	EZ-1HP	0.61	9748611J21	5" EZ-1	0.50	.50-70A Delavan .50-60W Delavan	150	-0.03	Slightly +	0.50		330-360°F
G115-28	112,000	Chimney	EZ-1HP	0.80	9748611J28	5" EZ-1	.60/.65	.65-60ES Hago .65-70A Delavan	150	-0.03	Slightly +	0.65		340-370°F
G115-34	140,000	Chimney	EZ-1HP	1.04	9748611J34	5" EZ-1	.85/1.00	.85-60B Delavan .85-60W Delavan	150	-0.03	Slightly +	0.85		380-420°F
G115 Series - Direct Vent														
G115-21	84,000	Direct Vent	EZ-1HP	0.61	9748512J21	5" EZ-1	0.50	.50-70A Delavan .50-60ES Hago	150	N/A	N/A		0.50	330-360°F
G115-28	112,000	Direct Vent	EZ-1HP	0.80	9748512J28	5" EZ-1	.60/.65	.65-60ES Hago .65-60A Delavan	150	N/A	N/A		0.75	340-370°F
G115-34	140,000	Direct Vent	EZ-1HP	1.04	9748512J34	5" EZ-1	.85/1.00	.85-60B Delavan .85-60W Delavan	150	N/A	N/A		1.00	380-420°F

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

EZ-1 Models: During operation of burner if flame is pulsating or losing retention, install extra (larger) head bar that is provided with burner and readjust burner settings.

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

Electrodes settings	Up	Ahead	Gap
EZ-1, 2, 3	5/16	Flush to 1/16	1/8 - 5/32

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.