

## Carlin Burner Specifications - Buderus G215 Boilers

Boiler Model	Burner Model	Flow Rate GPH	Input Btu / Hr	Blast Tube Insertion Depth	PSIG	Air Band	Nozzle D=Delavan H=Hago M=Monarch DA=Danfoss	EZ-1 Head Position Bar	Appx Gross Stack Temp° F	Overfire Press in. W.C. (base on breaching press shown) ¥	Brech Pressure in. W.C.
215-3	EZ-1HP	1.1	154,000	3 1/4"	150	0.85	D .85 60° B	0.85/1.0	305	Positive 0.06	-0.02
215-4	EZ-66	1.4	196,000	3 1/4"	150	50%	H 1.10 45° ES	Bar set @ 3	400	Positive 0.03	-0.02
215-5	EZ-66	1.7	238,000	3 1/4"	150	75%	H 1.35 45° ES	Bar set @ 5	400	Positive 0.05	-0.02

## Riello Burner Specifications - Buderus G215 Boilers

Boiler Model	Burner Model	Flow Rate GPH	Input Btu / Hr	Blast Tube Insertion Depth	PSIG	Air Band	Nozzle D=Delavan H=Hago M=Monarch DA=Danfoss	Head Setting  Turbolator Setting	Appx Gross Stack Temp° F	Overfire Press in. W.C. (Base on breaching press shown) ¥	Brech Pressure in. W.C.
215-3	40-F5	1.1	154,000	3 3/4"	165	4	D .85 70° A	1	350	Positive 0.08	-0.02
215-4	40-F5	1.4	196,000	3 3/4"	150	4.75	D 1.20 60° W	4	350	Positive 0.06	-0.02
215-5	40-F10	1.7	238,000	3 3/4"	145	3.25	D 1.50 80° W	1.5	350	Positive 0.02	-0.02
215-6	40-F10	2.1	294000	3 3/4"	185	4.75	D 1.75 45° B	3	350	Positive 0.04	-0.02
215-7	40-F10	2.5	350,000	3 3/4"	160	5	D 2.0 80° B	3	350	Positive 0.10	-0.02

## Beckett AFG Burner Specifications - Buderus G215 Boilers

Boiler Model	Burner Model	Flow Rate GPH	Input Btu / Hr	Blast Tube Insertion Depth	PSIG	Air Band	Nozzle D=Delavan H=Hago M=Monarch DA=Danfoss	Head Setting	Appx Gross Stack Temp° F	Overfire Press in. W.C. (base on breaching press shown) ¥	Brech Pressure in. W.C.
215-3	AFG	1.1	154,000	3.5"	170	8/1*	H .90 45° ES	0	300	Positive 0.065	-0.02
215-4	AFG	1.4	196,000	3.5"	175	8/2*	H 1.10 45° ES	2	330	Positive 0.02	-0.02
215-5	CF375	1.7	238,000	3.5"	170	5/1*	H 1.35 45° ES	2	387	Positive 0.02	-0.02
215-6	CF375	2.1	294000	3.5"	140	7/2*	H 1.75 45° ES	1	343	Positive 0.09	-0.02
215-7	CF375	2.5	350,000	3.5"	150	9/3*	H 2.0 45° P	1	316	Positive 0.13	-0.02

\* Shutter/Band Settings.

Blast tube insertion depth - Measured from tip of end cone to flange gasket.

¥ Overfire pressure are measured at the measuring plug adjacent to the sight glass.

Set breaching pressure to -.02 to -.03 in. wc.

Above settings were established with baffles in place on the G215/3, G215/4 & G215/5 boilers. No baffles are furnished with the G215/6 and G215/7.

No baffles were used with the Riello Burner.

**"ALWAYS KEEP THE MANUAL FUEL SUPPLY VALVE SHUT OFF IF THE BURNER IS SHUT DOWN FOR AN EXTENDED PERIOD OF TIME."**