

Table 5.1

Beckett NX Burner Specifications					
Boiler Model No.	Burner Model	Nozzle Manufacturer, Size	Pump Pressure (psig)	Head/Air Setting	Low Fire Baffle
WV-DV-03-075	NX70LB	Delavan 0.60 60° W ¹	175	2.25	Yes
WV-DV-03-085	NX70LB	Delavan 0.65 60° W	175	3.00	Yes
WV-DV-03-110	NX70LB	Hago 0.85 60° B ¹	175	3.75	No
WV-DV-04-115	NX70LD	Hago 0.85 60° B	170	1.50	Yes
WV-DV-04-130	NX70LD	Hago 1.00 60° B ¹	170	1.50	No

Table 5.2

Carlin EZ1-HP Burner Specifications				
Boiler Model No.	Delavan Nozzle Size	Pump Pressure (psig)	Air Boot Setting	Head Bar
WV-DV-03-075	.60 70° A ¹	150	0.5	0.75
WV-DV-03-085	.65 70° A ¹	150	0.6	0.75
WV-DV-03-110	.85 70° A	150	0.85	1.10 - 1.25
WV-DV-04-115	Hago 1.00 60° B ¹	140	1.00	1.10 - 1.25
WV-DV-04-130	Hago 1.10 60° B	140	1.25	1.10 - 1.25

Table 5.3

Riello BF5 Burner Specifications				
Boiler Model No.	Nozzle Size	Pump Pressure (psig)	Turbulator Setting	Air Damper Setting
WV-DV-03-075	Delavan .60 80° B ¹	165	1	3.3
WV-DV-03-085	Delavan .65 80° B ¹	165	1	3.8
WV-DV-03-110	Delavan .90 80° B	165	2	5.0
WV-DV-04-115	Hago .85 60° B ¹ or Delavan .85 60° W ¹	180	2	5.0
WV-DV-04-130	Hago 1.10 60° B or Delavan 1.10 60° W	140	4	5.0

Start-up and adjustment recommendations: Above Turbulator, Pin, Air Damper, and Air Dial settings are start-up settings only. Adjust burner for highest CO₂ (no more than 13%) while maintaining a 0 smoke spot. Pressure or draft over fire and in flue cannot be adjusted. However, draft and/or pressure measurements must be taken in these two locations and recorded for reference. All adjustments and measurements must be made using suitable instruments such as those found in a Bacharach Combustion Test Kit.

Factory Installed Nozzles are indicated in **Boldface**.

1. Shipped Loose