

for 3, 4, 5 Section Boilers Preliminary Combustion Setting

Nozzle selections and burner settings

- See Table 1 for recommended oil nozzle selections and initial burner settings. Follow Burner Manual and Boiler Manual for installation of nozzle if not supplied with boiler/burner.

Special requirements

- Parts
 - Primary control 60200.....Carlin 60200-02, 10 sec pre/post
 - Fuel unit..... 98750.....Suntec A2VA-3006
 - Oil valve.....In pump
 - Flange.....Welded, included with air tube
 - Air tube/flange..... 99843.....7" EZ-1 air tube, 3 3/4" UTL, 2° pitch
 - Air tube/flange
for covered burner... 50285.....9" EZ-1 air tube, 3 3/4" UTL, 2° pitch
 - Combustion head 77966.....Non-covered burners
 - Combustion head..... 77974.....Covered burners
- Draft requirements - Follow boiler manufacturers recommendations.
Breach draft – 0.02 to – 0.04 inches w.c.

The settings below are approximate settings for initial adjustment of the burner. Final adjustments **must** be made using proper test equipment by a qualified installer. All burner installation and adjustments **must** adhere to the guidelines in the burner manual and boiler manual.

WARNING

Installer/servicer — Except where specifically stated otherwise, this Supplement must be used only by a **qualified service technician**. Follow all guidelines in the Burner Manual and Boiler Manual. Failure to comply with this or other requirements in this manual could result in severe personal injury, death or substantial property damage.

Table 1 Burner specifications and settings for 3, 4, 5 section boilers

Boiler Size	Input	Burner Model	Nozzle Specifications			Oil Pump Pressure (PSIG)	Head Bar	Air Band Setting
			Size	Type	Manufacturer			
3 Section	0.75	EZ-1HP	0.60	60W	Delavan	150	0.60	0.55
4 Section	1.00	EZ-1HP	0.85	45B	Delavan	150	0.75	0.75
5 Section	1.25	EZ-1HP	1.00	60B	Delavan	150	0.75	1.00