



Burner Manual Supplement

for Weil-McLain Boilers

GOLD Oil

Nozzle selections and burner settings

1. 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.
2. Where the table calls for an oil pump pressure other than as-shipped, adjust the pump pressure to the setting shown, following pump manufacturer's instructions.

Special requirements

1. Parts
 - Primary control 60200.....Carlin 60200-00, 10 sec pre/post
 - Fuel unit..... 98750.....Suntec A2VA-3006
 - Oil valve.....In pump
 - Flange.....Welded, included with air tube
 - Air tube/flange..... 84863=EZ-15" air tube, 3 1/8" UTL, 1 1/2° pitch
 - Air tube/flange..... 84871=EZ-25" air tube, 3 1/8" UTL, 1 1/2° pitch
 - Combustion head..... 77958.....5" no heater
2. Draft requirements
 - Draft over fire – 0.01 to –0.02 inches w.c.

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 Weil-McLain GOLD Oil Boilers

Boiler Model	Input	Burner Model	Nozzle Specifications			Oil Pump Pressure (PSIG)	Head Bar	Air Band Setting
			Size	Type	Manufacturer			
GO-2	0.70	EZ-1HP	0.60	70B	Delavan	140	0.60/0.65	0.50
GO-3	0.70	EZ-1HP	0.60	70B	Delavan	140	0.60/0.65	0.50
GO-3	0.95*	EZ-1HP	0.75	60B	Delavan	160	0.75	0.75
GO-4	1.00	EZ-1HP	0.85	70B	Delavan	140	0.85/1.00	0.85
GO-4	1.20*	EZ-1HP	1.00	60B	Delavan	145	0.85/1.00	1.00
GO-5	1.20	EZ-1HP	1.00	70B	Delavan	140	0.85/1.00	1.10
GO-5	1.45*	EZ-1HP	1.20	60B	Delavan	150	1.10/1.25	1.40
GO-6	1.40	EZ-1HP	1.20	60B	Delavan	140	1.10/1.25	1.35
GO-6	1.75*	EZ-2HP	1.50	60AB	Danfoss	140	1.50	1.45

* Factory supplied setting.