

Burner Installation Instructions for GMOS Series Boilers

Installation Procedure

1. Remove lower jacket cowl assembly from boiler.
2. Remove (3) $\frac{5}{16}$ " wislock nuts from burner swing door. Place burner flange gasket on studs flat side up.
3. Place burner on swing door studs. Install wislock nuts.
4. Remove the $\frac{5}{16}$ " nut on swing door. Open swing door with burner in place. Verify there are no obstructions in front of the blast tube.
5. Close swing door and replace $\frac{5}{16}$ " nut.
6. Attach junction box harness to bottom of junction box. Connect wires per wiring diagram on label or in Installation, Operation and Maintenance manual.
7. Connect plugs from junction box harness to burner harness.
8. Burner installation is complete. Install boiler per Installation, Operation and Maintenance manual provided with boiler.
9. Follow Start-Up and Adjustment of Oil Burner procedure in Installation, Operation and Maintenance manual provided with boiler.
10. Install lower jacket cowl assembly.

TABLE 1 - BECKETT AFG SETTINGS

BOILER NO.	HEAD TYPE	HEAD SETTING	STATIC PLATE	NOZZLE	PUMP PRESSURE [PSI]	AIR BAND	AIR SHUTTER
GMOS-3090(T)	L1	--	$3\frac{3}{8}$	0.75-60°B	150	1	3
GMOS-4125(T)	V1	0	$2\frac{3}{4}$	1.10-60°B	140	1	8
GMOS-5185(T)	F12	--	$2\frac{3}{4}$	1.50-70°B	150	2	10
GMOS-6210(T)	F16	--	--	1.75-70°B	145	2	10