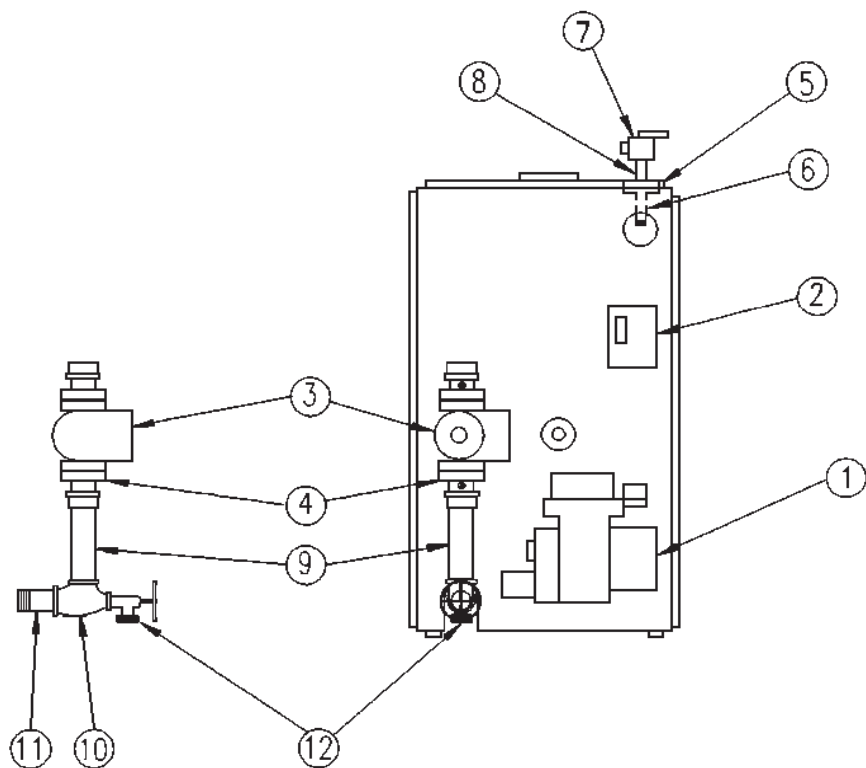


ADDENDUM TO THE EV SERIES INSTALLATION MANUAL

DIRECT REPLACEMENT OF THE BECKETT SMG OIL BURNER WITH THE BECKETT CF375 OIL BURNER

REPAIR PARTS BOILER CONTROLS AND PIPING



ITEM NO.	PART NO.	DESCRIPTION
1	14619201	Beckett AFG Standard Oil Burner (2.00 gph or less)
	BN08901	Beckett CF375 Standard Oil Burner (2.00 gph or more)
	1050006	Riello 40 F5 Standard Oil Burner (0.90 to 1.50 gph)
	14619011	Riello 40 F10 Standard Oil Burner (1.60 to 3.00 gph)
	14619202	Beckett AFG Post Purge Oil Burner (2.00 gph or less)
	14630250	Adams G2T Gas Burner Less Head
2	14662201	L8151A1045 Triple Acting Aquastat
3	CI-001.03	Taco 007 Circulator (Except Models 7TT, 8T, 9)
	14626062	Taco 0012 Circulator (Models 7TT, 8T, 9)
4	14626043	1¼" Taco Isolation Valves
	14626063	1½" Flanges
5	1260006	Temperature Pressure Gauge
6	1060002	¾" x ¼" Bushing
7	14622011	¾" ASME Relief Valve

ITEM NO.	PART NO.	DESCRIPTION
8	14607202	¾" x 4½" Nipple
9	14607012	1¼" x 10" Nipple (Except Models 7TT, 8T, 9)
	14607206	1½" x 12" Nipple (Models 7TT, 8T, 9)
10	1510001	1¼" x ¾" x 1½" Tee (Except Models 7TT, 8T, 9)
	1510002	1½" x ¾" x 1½" Tee (Models 7TT, 8T, 9)
11	14607044	1¼" x 2½" Nipple (Except Models 7TT, 8T, 9)
11	1310005	1½" x 2½" Nipple (Models 7TT, 8T, 9)
12	14622000	¾" Boiler Drain Valve
†	14693204	1½" x 1¼" Bushing (Except Models 7TT, 8T, 9)
	14630020	Immersion Well for Aquastat
	14693201	1½" x ¾" Bushings
	1395005	1½" Sq. Hd. Plugs
	14606020	400°F Black Silicone Rubber Adhesive Sealant (10.3 oz. cartridge)
	1460001	500°F Red Silicone Rubber Adhesive Sealant (10.3 oz. cartridge)

† - Not Shown

ADDENDUM TO THE EV SERIES INSTALLATION MANUAL

DIRECT REPLACEMENT OF THE BECKETT SMG OIL BURNER WITH THE BECKETT CF375 OIL BURNER

SUGGESTED NOZZLES AND SETTINGS FOR BECKETT AFG AND CF375 OIL BURNER SERIES

NOTE: These settings are intended for initial start up only.
Final adjustment must be made using combination test instruments.

MODEL	RATE	NOZZLE	HEAD-ADJ.	LOW FIRE BAFFLE	AIR SHUTTER	AIR BAND	OIL BURNER
DPFO-3	.65	.60-80°A	F0 - 1½	Yes	10	1	AFG
	.75	.65-70°A	F0 - 1½	No	10	0	AFG
	.90	.75-80°B	F3 - 1½	No	10	0	AFG
DPFO-4	.65	.60-80°A	F0 - 1½	Yes	10	1	AFG
	.90	.75-80°A	F3 - 1½	No	10	0	AFG
	1.35	1.20-80°B	F6 - 1½	No	10	2	AFG
DPFO-5	.75	.65-80°A	F3 - 1½	Yes	10	1	AFG
	1.10	1.00-80°A	F6 - 1½	No	10	1	AFG
	1.70	1.50-80°A	F12 - 1½	No	10	3	AFG
DPFO-7	1.00	.90-80°B	F3 - 1½	No	10	0	AFG
	1.60	1.35-80°B	F12 - 1½	No	10	1	AFG
	2.35	2.00-60°B	SV1 - # 3	No	10	2.5	CF375
DPFO-9	1.35	1.20-70°A	F6 - 1½	No	10	2	AFG
	2.00	1.65-45°B	SV1 - # 1	Yes*	6.5	0	CF375
	3.00	2.50-60°B	SV1 - # 5	Yes*	10	4	CF375
DPFO-3T	.65	.60-80°A	F0 - 1½	Yes	10	2	AFG
	.85	.75-80°A	F3 - 1½	No	10	1	AFG
	1.10	.90-80°B	F3 - 1½	No	10	1	AFG
DPFO-4T	.65	.60-80°B	F0 - 1½	Yes	10	1	AFG
	1.00	.85-80°B	F3 - 1½	No	10	1	AFG
	1.45	1.25-80°B	F6 - 1½	No	10	2	AFG
DPFO-5T	.80	.65-70°A	F3 - 1½	Yes	10	0	AFG
	1.20	1.00-70°A	F6 - 1½	No	10	1	AFG
	1.75	1.50-70°A	F12 - 1½	No	10	3	AFG
DPFO-6T	.95	.85-80°B	F3 - 1½	No	10	2	AFG
	1.45	1.20-80°B	F6 - 1½	No	10	3	AFG
	2.10	1.75-60°B	SV1 - # 2	Yes*	10	0	CF375
DPFO-8T	1.25	1.00-70°A	F6 - 1½	No	10	6	AFG
	1.90	1.50-60°B	SV1 - # 1	Yes*	6	0	CF375
	2.75	2.25-60°B	SV1 - # 5	Yes*	10	3	CF375

Pump pressure is set at 140 psig.
All burners fired at +.01 to +.1 inches w.c. draft over fire.

*CF375 - Low fire baffle different from AFG