



BURNER SPEC & DATA SHEET

SERIES CC™ **BECKETT MODEL "CF" BURNER** **FOR LIGHT OIL**

STANDARD EQUIPMENT

CF500 and CF800 Burners:

1. On-off operation with single position air.
2. Cadmium cell flame detector. 4 sec. pre-purge timer.
3. 15 sec. pre-purge and post-purge.
4. Optional motor voltages: 208/60/1, 240/60/1.
5. CSD-1, UL

CF1400, CF2300A and CF2500A Burners:

1. Low-high-off operation with two position air. Low-high-low operation is optional with addition of SPST controller.
2. Low fire hold switch.
3. Cadmium cell flame detector.
4. 15 sec. pre-purge and post-purge.
5. Optional motor voltages: 208-240/60/1 (Std. on CF2500A), 240/60/1, 208/60/3, 240/60/3, 480/60/3.
6. Diaphragm air flow switch.
7. CSD-1, UL

OPTIONAL EQUIPMENT

1. Control panel, burner or remote mounted, with on/off control switch, power-on light, control circuit fuse and terminal strip. Also available are indicator lights, alarm bell and step-down control circuit transformer.
2. Diaphragm air flow switch for CF500, CF800 Burners.
3. Various combustion controls. Contact your local Peerless® Representative or PB Heat, LLC for availability.

BECKETT MODEL "CF" BURNER FOR LIGHT OIL

BOILER MODEL	I=B=R INPUT GPH (1)	OVERFIRE PRESSURE IN. W.C. (2)	BURNER MODEL	STANDARD COMBUSTION CONTROL	3450 RPM MOTOR HP	STANDARD MOTOR VOLTAGE	INITIAL SETTING (3)				
							HEAD	AIR DAMPER			
								LOW FIRE		HIGH FIRE	
								ELEC.	MEC.	ELEC.	MEC.
CC-03	2.60	+0.28	CF500	7505C	1/3	120/60/1	2	N/A	4 (4)	N/A	0 (5)
CC-04	3.60	+0.28	CF500	7505C	1/3	120/60/1	5	N/A	8 (4)	N/A	0 (5)
CC-05	5.00	+0.30	CF800	7505C	1/3	120/60/1	2	N/A	10 (4)	N/A	4 (5)
CC-06	6.50	+0.33	CF1400	7505C	1/2	120/60/1	2.5	28	28	40	40
CC-07	7.90	+0.36	CF1400	7505C	1/2	120/60/1	3.5	35	35	60	60
CC-08	9.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CC-09	10.80	+0.42	CF2300A	7505C	3/4	120/60/1	0	23	23	28	28
CC-10	12.30	+0.45	CF2300A	7505C	3/4	120/60/1	0	25	25	33	33
CC-11	13.60	+0.48	CF2500A	7505C	2HP	208, 230/60/1	0	15	15	25	25
CC-12	15.00	+0.51	CF2500A	7505C	2HP	208, 230/60/1	0	18	18	30	30

- (1) Based on No. 2 fuel oil with a heating value of 140,000 BTU/gal. at a maximum altitude of 2000 ft. Consult factory for higher altitudes.
- (2) With + 0.10" W.C. at flue outlet when firing at I=B=R Input.
- (3) Start-up settings only. Final settings must be determined using combustion test equipment.
- (4) Air shutter setting.
- (5) Air band setting.

BOILER MODEL	NOZZLES		OIL PRESSURE - PSIG		STANDARD FUEL UNIT	
	LOW FIRE	HIGH FIRE	LOW FIRE	HIGH FIRE	SUNTEC	GEARSET GPH (6)
CC-03	N/A	1.75 60 B Del	N/A	180	A2YA-7916	20
CC-04	N/A	3.00 45 B Del	N/A	140	A2YA-7916	20
CC-05	N/A	4.00 45 B Del	N/A	150	B2YA-8916	25
CC-06	N/A	4.00 45 B Del	150	250	B2TA-8851	33
CC-07	N/A	4.50 45 B Del	150	300	B2TA-8851	33
CC-08	N/A	N/A	N/A	N/A	N/A	N/A
CC-09	N/A	6.50 45 B Del	175	275	B2TA-8852	39
CC-10	N/A	7.00 45 B Del	175	275	B2TA-8852	39
CC-11	5.00 45 B Del	2.75 45 B Del	300	300	J4PA-C1050G	46
CC-12	5.50 45 B Del	3.25 45 B Del	300	300	J4PA-C1050G	46

(6) For sizing filters, piping and remote pump sets. Not a U.L. nozzle rating.

PB HEAT, LLC

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