



BURNER SPEC & DATA SHEET

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

STANDARD EQUIPMENT

CF500 Burner:

1. On-off operation with single position air.
2. Cadmium cell flame detector.
3. Optional motor voltages: 208/60/1, 240/60/1.

CF800 Burner:

1. On-off operation with single position air.
2. Cadmium cell flame detector.
3. Optional motor voltages: 208/60/1, 240/60/1.

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 additional lights, alarm bell and step-down control circuit transformer.
2. Air proving switch.
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
SC/SCT-05	3.00	+0.20	CF500	R7184B	1/3	120/60/1
SC/SCT-06	3.50	+0.20	CF500	R7184B	1/3	120/60/1
SC/SCT-07	4.00	+0.20	CF800	R7184B	1/3	120/60/1
SC/SCT-08	4.50	+0.20	CF800	R7184B	1/3	120/60/1
SC/SCT-09	5.00	+0.20	CF800	R7184B	1/3	120/60/1
SC/SCT-10	5.50	+0.20	CF800	R7184B	1/3	120/60/1

(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.

BOILER MODEL	INITIAL SETTINGS (3)			NOZZLES - DELAVAN			PUMP PRESSURE PSIG	STANDARD FUEL UNIT	
	HEAD	AIR SHUTTER	AIR BAND	QTY	GPH	PATTERN		SUNTEC	GEARSET GPH (4)
SC/SCT-05	2	7	1	1	2.50	60 B	140	B2YA-8916	20
SC/SCT-06	3	10	10	1	3.00	60 B	140	B2YA-8916	20
SC/SCT-07	1	6	0	1	3.25	45 B	150	B2YA-8248	25
SC/SCT-08	2	7	1	1	3.75	45 B	140	B2YA-8248	25
SC/SCT-09	3	7	2	1	4.00	30 B	150	B2YA-8248	25
SC/SCT-10	4	10	4	1	4.50	30 B	150	B2YA-8248	25

(3) Start-up settings only. Final settings must be determined using combustion test equipment.

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

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