

Part No.	Description
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99FRD OIL BURNER CHASSIS

10201	99FRD Carlin 48245 Intermittent Duty Control, 41000 Ignitor, Cad Cell, 1 Stage Pump
10504	99FRD Carlin 40200 Interrupted Duty Control, 41000 Ignitor
97325	99FRD Carlin 41000 Ignitor Only, Junction Box
973250011J	99FRD Carlin 70200 Fully Adjustable Control , 41000 Ignitor

Note: Above burners come with 2 slot air bands and blank shutter. If firing over 2.25 GPH, you will need to order an open shutter.

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BURNER MOUNTED OPTIONS – ADD-ONS

Contact Carlin	Pump 2 Stage, “B” Style
Contact Carlin	Suntec A2VA-3006 Single-Stage Fuel Unit with Integral Solenoid Valve
Contact Carlin	Carlin SVC Instant Opening Oil Valve
Contact Carlin	Delayed Opening Oil Valve

AIR TUBE AND COMBUSTION HEAD ASSEMBLIES

20180S	5" Standard
20230S	7" Standard
20313S	9" Standard
19919S	11" Standard

AIR TUBE AND CONVERSION KITS FOR OEM BOILERS

64006	5" WS (See Instruction Sheet P/N 64105 for Boiler Model)
65524	7" WS (See Instruction Sheet P/N 67462 for Boiler Model)

MOUNTING FLANGE AND/OR PEDESTAL

23150S	3" Universal Flange/Gasket
23317S	Pedestal
72462S	3" Universal Flange/Gasket (10 pack)
72470S	Pedestal (10 pack)

NOZZLES

Contact Carlin	Nozzles – Consult Factory for Availability of Spray Patterns
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STANDARD EQUIPMENT

1. 41000 Carlin Solid State Ignitor
2. CAD Cell
3. Single-Stage Pump
4. Carlin PSC Motor 1/6 hp, 3450 rpm
5. 4" x 4" Junction Box for Field Wiring



99FRD

ITEM	PART NO.	DESCRIPTION	99FRD	100CRD	102CRD
1	98022S	1/6HP PSC Motor, 48 M Frame		•	•
2	82768S	Electrode set (2), – 5"	•	•	•
	82776S	Electrode set (2), – 7"	•	•	•
	82784S	Electrode set (2), – 9"	•	•	•
	82792S	Electrode set (2), – 11"	•	•	•
3	20180S	99FRD/100CRD 5" Air Tube/Combustion Head Assy	•	•	•
	20230S	99FRD/100CRD 7" Air Tube/Combustion Head Assy	•	•	•
	20313S	99FRD/100CRD 9" Air Tube/Combustion Head Assy	•	•	•
	19919S	99FRD/100CRD 11" Air Tube/Combustion Head Assy	•	•	•
	21790S	102CRD 5" B Air Tube/Combustion Head Assy			•
	21857S	102CRD 7" B Air Tube/Combustion Head Assy			•
	21881S	102CRD 9" B Air Tube/Combustion Head Assy			•
	21691S	102CRD 11" B Air Tube/Combustion Head Assy			•
	21980S	102CRD 5" C Air Tube/Combustion Head Assy			•
21998S	102CRD 7" C Air Tube/Combustion Head Assy			•	
22004S	102CRD 9" C Air Tube/Combustion Head Assy			•	
21915S	102CRD 11" C Air Tube/Combustion Head Assy			•	
4	41000S	110V Ignitor	•	•	•
	41000S0CASC	110V Ignitor on Baseplate	•	•	•
5	SVC10FFS	Oil Valve	•	•	•
	98289S	Oil Valve Kit with fittings	•	•	•
6	22996S	Fuel Unit A2VA-7116	•	•	•
	98750S	Fuel Unit A2VA-3006	•	•	•
	23234S	Fuel Unit A2VA-7916			•
7	34397S	Oil line kit (incl. all oil lines)	•	•	•
8	75564S	Fuel Unit Coupling	•	•	•
9	98100S	99FRD/100CRD/102CRD Air Band Shutter Single Kit	•	•	•
	98101S	99FRD/100CRD/102CRD Air Band Shutter Dual Kit	•	•	•

ITEM	PART NO.	DESCRIPTION	99FRD	100CRD	102CRD
10	5489001S	Nozzle Line adjusting slide	•		
11	51805S	Combustion Head Assy 5"	•	•	
	51854S	Combustion Head Assy 7"	•	•	
	51896S	Combustion Head Assy 9"	•	•	
	51599S	Combustion Head Assy 11"	•	•	
	52316S	Combustion Head Assy 5"			•
	52373S	Combustion Head Assy 7"			•
52472S	Combustion Head Assy 9"			•	
52183S	Combustion Head Assy 11"			•	
12	50624S	C-Ring & Thumb nut kit	•	•	•
13	50821S	Gasket kit (10 gaskets)	•	•	•
14	14407SES	Cad Cell Kit	•	•	•
15	41DTK01S	Universal Ignitor Terminal Kit (not shown)	•	•	•
16	28605S	Blower wheel / fan 99FRD	•		
	28530S	Blower wheel / fan 100CRD		•	
	28506S	Blower wheel / fan 102CRD			•
17	70200S	Universal Primary w/ Display 70200	•	•	•
	48245S	Model 48245 Primary w/ Smart Ignition	•	•	•
	4020002S	Model 40200 Primary 30/15/30	•	•	•
	5020002S	Model 50200 Primary 30/15/30	•	•	•
	6020002S	Model 60200 Primary 15/15/15	•	•	•
18	23150S	Mounting Flange & Gasket	•	•	•
19	23317S	Pedestal W/Hardware	•	•	•
20	54981S	Retention Ring Assy 99/100	•	•	
	55061S	Retention Ring Assy 102CRD			•