

Part No.	Description
102CRD OIL BURNER CHASSIS	
97403	102CRD Carlin 40200 Interrupted Duty Control, 41000 Ignitor
974030011J	102CRD Carlin 70200 Fully Adjustable Control, 41000 Ignitor
BURNER MOUNTED OPTIONS – ADD-ONS	
Contact Carlin	Pump 2 Stage, "B" Style (in lieu of "A" pump)
Contact Carlin	Suntec B2VA-4006 Two-Stage Fuel Unit with Integral Solenoid Valve
Contact Carlin	Delayed Opening Oil Valve
AIR TUBE AND COMBUSTION HEAD ASSEMBLIES	
21790S	5" with 2-5/8" I.D. Air Cone, 2.00-3.50 GPH "B" Style
21857S	7" with 2-5/8" I.D. Air Cone, 2.00-3.50 GPH "B" Style
21881S	9" with 2-5/8" I.D. Air Cone, 2.00-3.50 GPH "B" Style
21691S	11" with 2-5/8" I.D. Air Cone, 2.00-3.50 GPH "B" Style
21980S	5" with 3" I.D. Air Cone, 3.00-4.50 GPH "C" Style
21998S	7" with 3" I.D. Air Cone, 3.00-4.50 GPH "C" Style
22004S	9" with 3" I.D. Air Cone, 3.00-4.50 GPH "C" Style
21915S	11" with 3" I.D. Air Cone, 3.00-4.50 GPH "C" Style
MOUNTING FLANGE GASKETS AND PEDESTALS	
23150S	3" Universal Flange/Gasket
23317S	Pedestal
72462S	3" Universal Flange/Gasket (10 pack)
72470S	Pedestal (10 pack)
NOZZLES	
Contact Carlin	Consult Factory For Availability of Spray Patterns

STANDARD EQUIPMENT

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

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			•

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	•	•	•