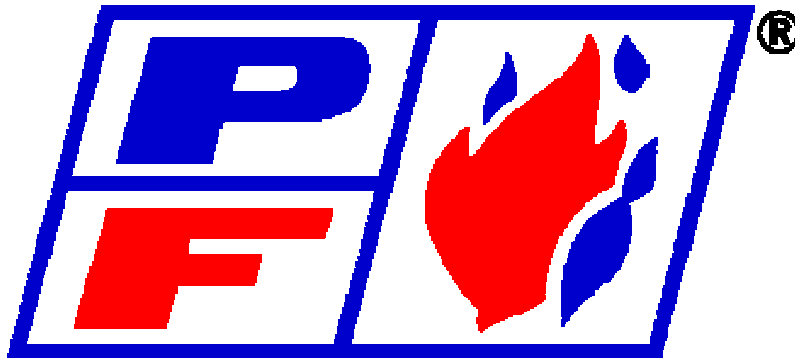


# Power Flame Incorporated



## “HP” & “P” BURNER PARTS LIST

***THE POWER TO MANAGE ENERGY***

2001 South 21st Street, Parsons, Kansas 67357

Telephone 620-421-0480, Fax 620-421-0948

Web Site: [www.powerflame.com](http://www.powerflame.com)

E-Mail: [CSD@powerflame.com](mailto:CSD@powerflame.com)

HACPB 6/84

## **INSTRUCTIONS FOR ORDERING**

1. Always specify model and serial number of burner.
2. Include nameplate information such as model, range, voltage, etc.
3. Item numbers refer to Drawings CPPL 9/76-1 & 2 for "P" burners.

**MINIMUM BILLING \$50.00 NET PLUS TRANSPORTATION CHARGES**

**IDENTICAL ITEMS MAY NOT ALWAYS BE AVAILABLE  
BUT ITEMS OF EQUAL OR BETTER QUALITY WILL BE FURNISHED**

**ALL PUBLISHED PRICES SUBJECT TO CHANGE WITHOUT NOTICE.**

**ALPHABETICAL INDEX TO "HP" & "P" BURNER PARTS LIST**

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(d)

**1 BLOWER HOUSING - HP**

P20050 C3, C5, D7.5  
P20060 E10, E15

**1.2 BLAST TUBE ONLY - HP**

P20120 12" Gas/Oil or Gas for C3, C5  
P20140 15" Gas/Oil or Gas for D7.5  
P20160 18" Gas/Oil or Gas for E10, E15  
P20110 12" Oil for C3, C5  
P20130 15" Oil for D7.5  
P20150 18" Oil for E10, E15

**1.3 REFRACTORY ASSEMBLY (DOES NOT INCLUDE GAS SPUDS) - HP**

P20521 Gas/Oil or Gas for C3, C5  
P20581 Gas/Oil or Gas for D7.5  
P20671 Gas/Oil or Gas for E10, E15  
P20511 Oil for C3, C5  
P20561 Oil for D7.5  
P20621 Oil for E10, E15

**1.4 AIR DAMPERS - HP**

P22050 C3, C5, D7.5  
P22070 E10, E15  
P82120 6 x 1/2 Damper Arm Weld Assembly

**2-4 AIR DAMPERS - P**

P22010 B Size PF Damper  
08830 Clarage Vortex 1 1/8  
08840 Clarage Vortex 1 1/4

**5 BLOWER WHEELS**

08190 9 1/8 x 2 1/2 x 7/8  
08240 9 1/8 x 3 1/2 x 7/8  
08340 9 7/8 x 3 1/2 x 7/8  
08700 1 1/8 x 5 x 1 1/8 20% Band

**5 BLOWER WHEELS (Continued)**

08690 1 1/8 x 5 x 1 1/8 No Band  
08710 1 1/4 x 5 x 1 1/8 15% Band  
08740 1 1/4 x 5 x 1 5/8 10% Band  
08730 1 1/4 x 5 x 1 5/8 No Band  
08770 1 1/4 x 7 1/2 x 1 5/8 15% Band  
08760 1 1/4 x 7 1/2 x 1 5/8 10% Band  
09100 150 x 68%  
09110 165 x 41%  
09115 165 x 67%  
09120 165 x 81%  
09140 15 PLR x 63%  
09145 15 PLR x 100%  
09150 18 PLR x 50%  
09151 18 PLR x 50%  
09155 18 PLR x 71%

**6 MOTOR MOUNTING PLATE (Specify Motor Make, HP & Frame No.)**

P10451 P B Size  
P10460 P C Size  
P10470 P D & E; HP C3 & C5, HPD7.5  
P22225 Flat Plate, 254TCZ Frame, HP E10, E15  
P22230 HPE 2.5 DISH Mounting Plate 215

**7 BLOWER MOTORS 208/230/460/3PH/60 Hz**

05516 1 1/2 HP, 3450 RPM 143TC  
05518 2 HP, 3450 RPM 145TC  
05465 3 HP, 3450 RPM 145TC  
05466 3 HP, 3450 RPM, 182TCZ  
05538 3 HP, 1725 RPM 184TCZ  
05523 5 HP, 3450 RPM, 182TCZ  
05546 5 HP, 1725 RPM 184TCZ  
05524 7 1/2 HP, 3450 RPM, 184TCZ  
05536 7 1/2 HP, 1725 RPM 215TCZ  
05525 10 HP, 3450 RPM, 254TCZ  
05480 15 HP, 3450 RPM, 254TCZ  
05478 10 HP, 3450 RPM, 215TCZ



## 7.5 BALANCED BLOWER ASSEMBLY

Consists of ODP, 208/230/460/3/60 Motor, Motor Mounting Ring and Blower Wheel Balanced as an Assembly

P	B4	1 1/2 HP
P	B5	2 HP
P	B6	3 HP
P	C7	3 HP
P	C8.5	3 HP
P	C9.5	5 HP
P	D12	5 HP
P	D13	7 1/2 HP
P	D15	7 1/2 HP
P	E18	7 1/2 HP

HP	C3	3 HP
HP	C5	5 HP
HP	D7.5	7.5 HP
HP	E10	10 HP
HP	E15	15 HP

## 8 HOUSING SIDE PLATES

P20061	PB Horizontal Welded Assembly
P10380	PB Horizontal
P20062	PB Vertical Upper Assembly
P10340	PB Vertical SPT Lower
P10300	PB Vertical
P20063	PC Horizontal Left Assembly
P10381	PC Horizontal
P20064	PC Vertical Upper Assembly
P10350	PC Vertical SPT Lower
P10310	PC Vertical
P10382	PD Horizontal
P10361	PD Vertical SPT Upper
P10360	PD Vertical SPT Lower
P10320	PD Vertical
P10290	PE Horizontal
P10330	PE Vertical
P10370	PE Vertical SPT Lower
P10371	PE Vertical SPT Upper

**9     HOUSING TOP PLATES**

P10300     PB Horizontal  
P10380     PB Vertical  
P10310     PC Horizontal  
P10381     PC Vertical  
P10320     PD Horizontal  
P10382     PD Vertical  
P10330     PE Horizontal  
P10290     PE Vertical

**10    GUN MOUNTING ADAPTOR PLATE**

P10430     PD Front Drawer  
P10440     PE Front Drawer

**11    COMBUSTION FAN AIR SWITCH**

17100 AP4078  
17105 AP4383

**12    MODULATING MOTOR AND LINKAGE ACCESSORIES**

06000 M941C-1022  
06007 M954C-1066  
06015 M934D-1034

**12.1 MODULATING MOTOR MOUNTING PLATE AND LINKAGE**

**THRU  
17**

P22310     Double Bracket  
P22320     Single Bracket  
M89100     Extension Shaft for Modulating Motor  
M10405     Extension Shaft Link Arm with 1/2" I.D. Hub  
            Air Damper Linkage Arm  
M90001     Mod Motor Link Arm with 3/8" Sq. Socket Hub  
91100 Ball Joints (Swivels)  
Y00470     5/16 Push Rod 36" Long

**18    PILOT SHUTOFF COCK**

35020 Pilot Shutoff Cock

**19-  
20**     **PILOT REGULATORS**

30140 R400S 3/8"  
30280 325-3 3/8"  
30281 325-3 1/2"

**21**     **PILOT VALVE**

20240 S311-CF5 3/8"  
19000 V48A 3/4"

**22-  
22.5**     **PILOT ASSEMBLIES**

F30010     Complete Hi-Draft Pilot Assembly  
F20203     Hi-Draft Pilot Nozzle Assembly "P"  
F20201     Hi-Draft Pilot Body Assembly "P"  
53500 Hones Buzzer Pre-Mix for LP Gas Pilot  
X04230     Gas Pilot Ignition Electrode

**23**     **IGNITION TRANSFORMERS**

32000 120/6000V  
32020 120/8500V

**24**     **IGNITION CABLE**

Y08000     #14-19 GTO 15,000V 3 Foot Cable with  
X09927     #2 Rajah Ring Terminal  
93111 #CT-11 Rajah Cage Terminal

**25**     **PANEL BOXES**

E20051     24 x 24  
E10351     24 x 24 Chassis Only  
E20140     24 x 24 Door Only  
E20043     24 x 24 Top Only  
91050 Southco Latch

**26-  
26.3**     **MICRO SWITCHES**

14120 BZE6-2RQ  
X09914     Sight Glass

**27**    **GUN ASSEMBLIES, INCLUDING ITEMS 22, 22.5, 24, 26.3, 44, 63**

On Standard. HP with FT Nozzle

P30000    HPC FT Jacket TU  
P30100    HPD FT Jacket TU  
P30200    HPE FT Jacket TU

On HP with FT Nozzle & Dual Scanners

P30010    HPC FT Jacket TU 2 Scanner Gun Assembly  
P30110    HPD FT Jacket TU 2 Scanner Gun Assembly  
P30210    HPE FT Jacket TU 2 Scanner Gun Assembly

On HP with FT Nozzle & LP Pilot

P30020    HPC FT Jacket TU LP Pilot Gun Assembly  
P30120    HPD FT Jacket TU LP Pilot Gun Assembly  
P30220    HPE FT Jacket TU LP Pilot Gun Assembly

On HP Straight Gas

P30030    HPC Straight Gas Jacket TU Assembly  
P30130    HPD Straight Gas Jacket TU Assembly  
P30230    HPE Straight Gas Jacket TU Assembly

On HP with Monarch Nozzles

P30040    HPC C169 Nozzle Gun Assy 1/4 Air + 1/4 Oil Ports  
P30140    HPD (A) C169 Nozzle Gun Assy 1/4 Air + 1/4 Oil Ports  
P30141    HPD (B) C169 Nozzle Gun Assy 3/8 Air + 1/4 Oil Ports  
P30240    HPE (A) C169 Nozzle Gun Assy 3/8 Air + 1/4 Oil Ports  
P30241    HPE (B) C169 Nozzle Gun Assy 3/8 Air + 3/8 Oil Ports

**28-63**    **DIFFUSERS - CURRENT STYLE C, D, E SIZE ARE FOR GUN MOUNTED SCANNERS**

P21010    P B Size, Oil with Monarch Nozzle  
P21020    P B Size, Straight Gas, Oil with Delavan Nozzle  
P21031    PC, D, E Size, #2, 4 Oil with Monarch Nozzle  
P21041    PC, D, E Size, #5, 6 Oil, PE Size Gas/Oil with Monarch Nozzle  
P21046    PC, D Size, Gas/Oil, Monarch Nozzle  
P21065    PD Size, Gas/Oil, FT Nozzle

**28- DIFFUSERS - CURRENT STYLE C, D, E SIZE ARE FOR GUN MOUNTED**  
**63 SCANNERS. (Continued)**

P21066 PE Size, Gas/Oil, PD, E Size Oil, FT Nozzle  
P21073 HPC Size  
P21074 HPD, E Size

**DIFFUSERS - OLD STYLE**

P21050 PC, D Size, Straight Gas  
P21060 PE Size, Straight Gas  
P21030 PC, D, E Size, #2, 4 Oil with Monarch Nozzle  
P21040 PC, D Size, #5, 6 Oil with Monarch Nozzle  
P21045 PC, D Size, Gas/Oil, with Monarch Nozzle  
P21070 PE Size, Gas/Oil, D, E Size Oil, FT Nozzle  
P21068 PD Size, Gas/Oil, FT Nozzle  
P21067 FT, 12 Blade, HPC Size  
P21069 FT, 12 Blade, HPD, E Size  
P21075 Straight Gas, 12 Blade, HPC Size  
P21080 Straight Gas, 16 Blade, HPD Size  
P21085 Straight Gas, 16 Blade, HPE Size

**30 GAS SPUDS**

P22620 2 1/4" B, C  
P22630 2 3/4" D  
P22640 4 1/4" E  
P22610 Spud Plug Assembly  
P13111 2 1/4" Dummy Spud  
P13112 2 3/4" Dummy Spud  
P13113 4 1/4" Dummy Spud

**31 GAS METERING VALVES**

27200 1 1/2" V51E 1000  
27210 2" V51E 1018  
27220 2 1/2" V51E 1034  
27230 3" V51E 1059  
27240 4" V51E 1075  
27700 2" M  
27710 2 1/2" M  
27720 3" M  
27350 2 1/2" 10BV

**31 GAS METERING VALVES, (Continued)**

27360 3" 12BV  
27330 1 1/2" 6BV  
27340 2" 8BV  
M90025 1 1/2" PF-FP  
M90030 2" PF-FP  
M90065 1 1/2" PF-RP  
M90070 2" PF-RP  
M90075 2 1/2" PF-RP

**33- GAS COCKS AND HANDLES**

**33.1**

**WKM LUBE COCKS**

35225 R1430 1 1/2"  
35235 R1430 2"  
35245 R1430 2 1/2"  
35255 R1430 3"  
35265 R1430 4"

**HANDLES**

35340 "A" R1430 2"  
35350 "C" R1430 2 1/2", 3"  
35360 "F" R1430 4"

**33.2 BALL VALVES WITH HANDLE**

98030 1 1/2"  
98035 2"  
98040 2 1/2"  
98045 3"  
98050 4"

**33.3 DRILLED & TAPPED NIPPLE ASSEMBLY WITH PLUG**

M10551 1" x 2 1/2"  
M10552 1 1/4" x 2 1/2"  
M10553 1 1/2" x 2 1/2"  
M10554 2" x 2 1/2"  
M10555 2 1/2" x 3"  
M10556 3" x 3 1/2"

**33.3 DRILLED & TAPPED NIPPLE ASSEMBLY WITH PLUG, (Continued)**

M10557 2 1/2" x 6"  
M10558 4" x 4"  
M10559 1 1/2" x 4"

**35 GAS VALVE OPERATORS**

**ITT**

19900 AH2A112A33, 15 Seconds  
19901 AH2A112S34, 15 Seconds, Proof of Closure

**HONEYWELL**

19070 V4055A-1098, 13 Seconds  
19090 V4055D-1019, 13 Seconds, Proof of Closure

**36 GAS VALVE BODIES**

**ITT**

19620 V710HAS 1 1/2"  
19630 V710JAS 2"  
19640 V710KAS 2 1/2"  
19650 V710LAS 3"

**OPERATORS WITH PROOF OF CLOSURE**

19743 V710HASV22 1 1/2"  
19744 V710JASV22 2"  
19745 V710KASV22 2 1/2"  
19746 V710LASV22 3"

**HONEYWELL**

19250 V5055A-1020 1 1/2"  
19260 V5055A-1038 2"  
19270 V5055A-1046 2 1/2"  
19280 V5055A-1053 3"

**OPERATORS WITH PROOF OF CLOSURE**

19410 V5055C-1059 1 1/2"  
19420 V5055C-1000 2"  
19430 V5055C-1018 2 1/2"  
19440 V5055C-1026 3"

**37     AUXILIARY SOLENOID GAS VALVES**

28110 S261SA02N3JK4 2"  
28120 S261SA02N3KK4 2 1/2"  
28130 S261SA02N3LK4 3"

**38     N.O. VENT VALVES**

28405 8030B83 3/4"  
28450 S252SA02N3FJ5 1"  
28460 S252SA02N3GJ7 1 1/4"  
28470 S252SA02N3JK4 2"

**39     GAS PRESSURE REGULATORS**

30100 RV-110 2 1/2"  
30110 RV-110 3"  
30120 RV-131 4"  
30220 210D 1 1/2"  
30230 210E 1 1/2"  
30240 210E 2"  
30270 210G 2 1/2"  
30530 121-12 2 1/2"  
30520 121-8 2 1/2"

**40 &   MAIN GAS COCKS**

**40.1   (SEE SECTIONS 33 and 33.1)**

**41     GAS PRESSURE SWITCHES**

16030 C437E 1004 to 1 PSI  
16040 C437E 1012 1/2 PSI-5 PSI  
16310 C645A-1030 3"-21" W.C.  
16320 C645B-1013 3"-21" W.C.  
16315 C645A-1013 3"-21" W.C.  
16330 LGP-A -14" W.C.

**41     GAS PRESSURE SWITCHES, (Continued)**

16000 C437D-1005 1"-26" W.C.  
16010 C437D-1013 1/2 PSI-5 PSI  
16340 HGP-A -28" W.C.

**42     LINKAGE FOR GAS BUTTERFLY VALVE**

M10400     Arm 3/8 ID



**43 GAS PRESSURE GAUGES**

46310 2 1/2" Dial 0-35" W.C.

46300 2 1/2" Dial 0-10" W.C.

**44 BACK PLATES FOR GUN ASSEMBLY**

P22430 PB Monarch

P22420 PB Delavan

P22431 P Monarch with Scanner

P22435 P FT with Scanner

P22443 HP ADJ

P22444 HP ADJ with Dual Scanner

**47.1 OIL NOZZLES**

**THRU**

**47.3**

53380 Teflon O Ring for Delavan Adaptor

X02710 23034 Delavan Adaptor

53020 30615-28 (30 GPH)

53000 30615-44 (40 GPH)

53030 30615-55 (50 GPH)

**52 C169WA 70E OIL NOZZLES**

**THRU**

**61.1**

51784 60 GPH

51785 80 GPH

51786 100 GPH

51787 125 GPH

51788 150 GPH

51790 200 GPH

53450 D Size Oil Gun less Distributor

**52 C169WA 70E OIL NOZZLES, (Continued)**

**THRU**

**61.1**

53455 E Size Oil Gun less Distributor

53395 FT-300 Oil Gun Distributor Only

53400 FT-400 Oil Gun Distributor Only

53460 O Rings 4 Each FT Gun

53480 Spanner Wrench

**62 AIR AND OIL GAUGES**

46001 0-60# Air and Gun Oil

46020 0-100# Oil Supply  
46525 0-100#  
46530 0-100# Oil Filled

**65**    **AIR PURGE VALVE**

21201 8262C 2M 1/8"

**66**    **OIL SHUTOFF VALVE**

21090 K10AB263 1/2"  
21126 S402AF02V9CF5 3/8"  
21127 S401AF02V9CF5 3/8"

**66.1**    **PROOF OF CLOSURE OIL VALVE**

21145 HOV1A302T168 1/2"

**68**    **THERMOMETER**

49010 20-240°F 2 1/2" Dial

**69**    **N.O. RETURN OIL VALVE**

21085 K10CB263 1/2"

**70**    **ORIFICED GATE VALVE**

24200 1/2"

**71**    **MODULATING OIL VALVES**

**THRU**

**74**

26020 1813M-02B  
26030 1813M-02C  
26040 1813M-02D  
26045 1813M-01  
P16705      HP NA Manifold Oil Valve Bracket  
P16706      HP NA Manifold Oil Valve Bracket Long  
P22331      HP Hauck Metal Valve Bracket  
P16700      Manifold Block  
26200 B-1/2-16  
26210 B-1/2-18  
P22330      P Hauck Modulating Oil Valve Bracket  
26100 1/2-0-50

26110 3/4-0-200  
26230 S3-13-TW  
M10400 Linkage Arm 3/8 ID

**75**    **OIL PRE-HEATER ELEMENT**

58030 ADF-3-230-18-1 PH  
58040 ADF-4-230-20-1 PH  
58050 ADF-5-440-20-3 PH  
58070 ADF-5-230-20-1 PH  
58080 BDF-4-230-20-3 PH  
58090 BDF-4-440-20-3 PH  
58100 BDF-5-230-20-1 PH  
58110 BDF-5-460-20-3 PH  
58115 BDF-7-230-24-3 PH  
58120 BDF-7-440-24-3 PH  
58130 BDF-8-230-24-3 PH  
58160 BDF-10-230-24-3 PH  
58170 BDF-10-440-24-3 PH  
58190 BDF-12-230-30-3 PH  
58200 BDF-12-440-30-3 PH  
58208 CDF-15-208-36-3 PH  
58209 CDF-15-440-36-3 PH

**76**    **PRE-HEATER SHELL**

P22340    18"  
P22341    20"  
P22342    24"  
P22343    30"  
P22344    36"  
P22345    13"  
P22350    C36  
P22351    C38  
P22352    C48  
P22353    C24  
P22354    C70

**77**    **OIL REGULATING VALVE**

22020 FRM-2 1/2"  
22085 FR 1/2"

**78     LOW OIL PRESSURE SWITCH**

43285 L404F-1094 20 PSI-300 PSI  
43325 L404V-1046 25 PSI-150 PSI  
43335 L404W-1037 25 PSI-150 PSI

**79     HIGH OIL TEMPERATURE SWITCH**

42010 L4006A-1017  
15130 FM437-153-3510

**81     AIR CHECK VALVE**

23412 Nibco Swing 3/4"

**82     ATOMIZING AIR SWITCH**

43235 L404B1320

**84-    AIR COMPRESSORS AND MOTORS**

**85**

75000 Gast 300X  
75010 Gast 400X  
75020 Gast 500X

**84-    AIR COMPRESSORS AND MOTORS, (Continued)**

**85**

75130 Curtis C50  
75140 Curtis D80

**85.1   COMPRESSOR BELTS**

77025 A70  
77026 A74

**86     COMPRESSOR MOTORS 1725 RPM, 208/230/460/3/60**

05530 2 HP  
05532 3 HP  
05534 5 HP

**87     COMPRESSOR SLIDE RAILS**

03465 145T  
03470 182T  
03480 184T

**88    COMPRESSOR BASE**

P23111      P Compressor Base Welded Assembly (Curtis)

**89-    COMPRESSOR BELT GUARD**  
**90**

P23150      P Compressor Belt Guard Assembly  
75169 Safety Pop Off Valve

**91    PULSATION TANK**

P23011      12" (C50)  
P23051      15" (D80)  
P23080      (Gast)

**93    COMPRESSOR MOTOR SHEAVE**

77246 2TA64 6.65 O.D.  
77740 P1 x 1 1/8 Bushing (Use with 77246)  
77245 2AK84H 8.25 O.D.  
77710 XB x 5/8 Bushing (Use with 77245)

**95-    OIL PUMPS**

**95.1**

10099 18B1H2FX-5B  
10100 37B1H2FY-5R  
10101 47B1H2FY-5R  
10102 59B1H2FX-5R  
10220 V056C  
10307 FH432X  
10308 G432X  
10311 GG4195  
10306 Oil Pump Bearing

**95.2    OIL PUMP BELT**

**THRU**

**98**

77001 A39  
77004 A48  
77005 A49  
77006 A50  
77015 A52  
77016 A54  
10230 Webster Bell Housing  
12110 ALO-90 Pump Coupling  
C13185      Machined Adaptor

**99     OIL PUMP MOTOR 1725 RPM, 208/230/460/3/60**

05539 1/3 HP 56C  
05557 1/2 HP 56C  
05559 3/4 HP 56C

**100    DIRECT DRIVE PUMP STAND**

C13180     Remote Pump Stand

**102    BELT DRIVE OIL PUMP MOTOR, 1725 RPM, 208/230/460/3/60**

05540 1/3 HP  
05543 1/2 HP  
05548 3/4 HP

**103    BELT DRIVE OIL PUMP BASE**

P23210     Oil Pump Base

**104    BELT DRIVE OIL PUMP GUARD**

P23250     Guard Assembly

**105    BELT DRIVE OIL PUMP MOTOR SHEAVE**

77151 4.0 x 5/8  
77110 2.7 x 5/8  
77115 3.0 x 5/8  
77170 4.5 x 5/8

**106    BELT DRIVE OIL PUMP SHEAVE**

77190 9.7 x 1/2  
77160 4.5 x 1/2  
77211 11.7 x 5/8  
77191 9.7 x 5/8

**108    TERMINAL STRIPS**

61035 KT3 3 Pole 600V Connectron Terminal Block  
61036 KAD End Mounting Adaptor  
61037 MT 12 1/2" Marking Strip

**109 SIGNAL LIGHTS**

65500 White  
65510 Amber  
65520 Red  
65530 Green  
65540 Blue  
65550 Yellow  
65710 Dialco Base (Oil Tight)  
65305 Dialco Bulb  
65711 Dialco Red Lens  
65712 Dialco Green Lens  
65713 Dialco Amber Lens  
65714 Dialco Blue Lens  
65715 Dialco White Lens

**111 POTENTIOMETERS**

91236 Label  
48020 135 OHM  
48010 270 OHM (Limiting)  
48055 Knob

**112- CONTROL SWITCH**

**113**

14040 SPST  
14000 4PDT Changeover Switch, Arrow Hart  
14002 4PDT Changeover Switch, Cutler Hammer  
14030 DPDT No Center Off Manual - Auto Switch

**114 MOTOR CONTACTOR, STARTERS, OVERLOADS**

56605 2000 EB330 (3 Pole 30 Amp Contactor)  
56610 22011 CEB330 (3 Pole 30 Amp Starter)  
56615 22011 CEB340 (4 Pole 30 Amp Starter)  
56620 22011 CEB440 (4 Pole 40 Amp Starter)

**115 OVERLOAD HEATERS**

Three Required - Specify Size or HP and Voltage

	Amps	
	<u>Min</u>	<u>Max</u>
56624 G30T16	.813	.897
56625 G30T17	.898	.995
56626 G30T18	.996	1.10
56627 G30T19	1.11	1.22

56628 G30T20	1.25	1.33
56630 G30T21	1.34	1.48
56631 G30T22	1.49	1.63
56635 G30T23	1.64	1.80
56636 G30T24	1.81	2.00
56640 G30T25	2.01	2.21
56645 G30T26	2.22	2.45
56646 G30T27	2.46	2.70
56650 G30T28	2.71	3.00
56655 G30T29	3.01	3.31
56660 G30T30	3.32	3.70
56661 G30T31	3.71	4.13
56731 G30T32A	4.14	4.37

**OVERLOAD HEATERS, (Continued)**

	Amps	
	<u>Min</u>	<u>Max</u>
56665 G30T32	4.38	4.75
56670 G30T33	4.76	5.12
56671 G30T34	5.13	5.57
56675 G30T35	5.58	6.03
56680 G30T36	6.03	6.54
56685 G30T37	6.55	7.50
56732 G30T37A	7.51	8.42
56686 G30T38	8.43	9.45
56687 G30T39	9.46	10.50
56690 G30T40	10.60	11.80
56695 G30T41	11.90	13.20
56696 G30T42	13.30	14.80
56698 G30T44	14.90	16.60
56733 G30T44A	16.70	18.60
56734 G30T45A	18.70	20.90
56735 G30T46A	21.00	22.60
56736 G30T47A	22.70	24.20
56737 G30T48A	24.30	26.20
56738 G30T49A	26.30	28.30
56739 G30T49B	28.40	30.50
56740 G30T50A	30.60	33.10
56741 G30T51A	33.20	35.60
56742 G30T53A	35.70	39.20
56719 G30T54	39.30	44.00
56720 G30T55	44.10	49.30
56721 G30T56	49.40	55.40
56743 G30T56A	55.50	56.00

**116 STEPDOWN TRANSFORMERS**



33395 HC-0500-61 230/460/115  
33396 HC-0500-67 208/115  
33210 AT72D-1089 120/24 (Mod Motor)  
33499 EL3J 208/120  
33510 T-2-53008 240/480 to 120/240

**117 RELAYS**

55300 PRD3-AYO (SPST)  
55310 PRD5-AYO (SPDT)  
55320 PRD7-AYO (DPST)  
55330 PRD11-AYO (DPDT)  
55452 KUP14A55F 3PDT  
55642 MMS115A1Y5 5 Sec. Delay

**121- CONTROLS, FLAME SAFEGUARD**

**129**

**FIREYE**

**D SERIES**

**CONTROLS AND SUBBASE LESS PROGRAMMER AND AMPLIFIER**

37230 60-1386-2  
38000 70D10  
38010 70D20  
38020 70D30

**PROGRAMMERS**

38100 71060 30 Seconds for 70D10, 70D20  
38110 71D80 30 Seconds for 70D30  
38120 71D90 90 Seconds for 70D30

**AMPLIFIERS**

38200 72DRT1 Rectification  
38220 72DUV1 Ultraviolet  
38210 72D1R1 Infrared

**E SERIES**

CONTROL AND SUBBASE LESS PROGRAMMER AND AMPLIFIER

37230 60-1386-2

39800 E100 Fireye Microprocessor Flame Monitor

PROGRAMMERS

39810 EP160 30 Seconds Supervised Prepurge Interrupted

39811 EP161 30 Seconds Supervised Prepurge Interrupted

39812 EP170 30 Seconds Supervised Prepurge Interrupted

39813 EP260 30 Seconds Prepurge Interrupted Ignition

39814 EP260 30 Seconds Prepurge Interrupted Ignition

39815 EP270 30 Seconds Prepurge Interrupted Ignition

39816 EP380 30 Seconds Prepurge Interrupted/Intermittent

39817 EP381 15 Seconds Prepurge Interrupted/Intermittent

39818 EP390 90 Seconds Prepurge Interrupted/Intermittent

AMPLIFIERS

39820 ERT1 Rectification

39821 EUV1 Ultraviolet

39822 EIRI Infrared

39823 EUV54 Ultraviolet Self-Check

39830 E300 Expansion Module

39831 E350-3 3 Foot Ribbon Connector Cable

39832 E350-6 6 Foot Ribbon Connector Cable

39835 60-1950 Wiring Base for E300 Expansion Module

39840 ED500 Display Module

HONEYWELL

R4140 SERIES

CONTROLS AND SUBBASES LESS AMPLIFIER

40060 Q520A-1098 - 3 Sides

40070 Q520A-1121 - 4 Sides

39311 R4140G-1064 60 Seconds

39335 R4140G-1105 60 Seconds

39340 R4140M-1038 42 Seconds

39350 R4140M-1053 90 Seconds

AMPLIFIERS

40530 R7247-1005 Rectification, Green

40560 R7248A-1004 Infrared, Red  
40570 R7249A-1003 Ultraviolet, Purple

**BC7000 SERIES**

**CONTROL AND SUBBASES LESS PROGRAMMER**

40060 Q520A-1098 - 3 Sides  
40070 Q520A-1121 - 4 Sides  
39700 BC7000L-1000 Micro Computer Control

**PROGRAMMERS**

39710 PM720G-2005  
39715 PM720G-2013  
39720 PM720L-2004  
39721 PM720L-1139  
39730 PM720M-2002