LINCOLN

Consistency You Can Count On

# Impinger® II Express Digital & easyTouch Series 1100 Series Conveyor Oven

## Domestic / International Parts Manual

**GAS AND ELECTRIC OVENS FOR USA AND NON-USA COUNTRIES**

Original Document

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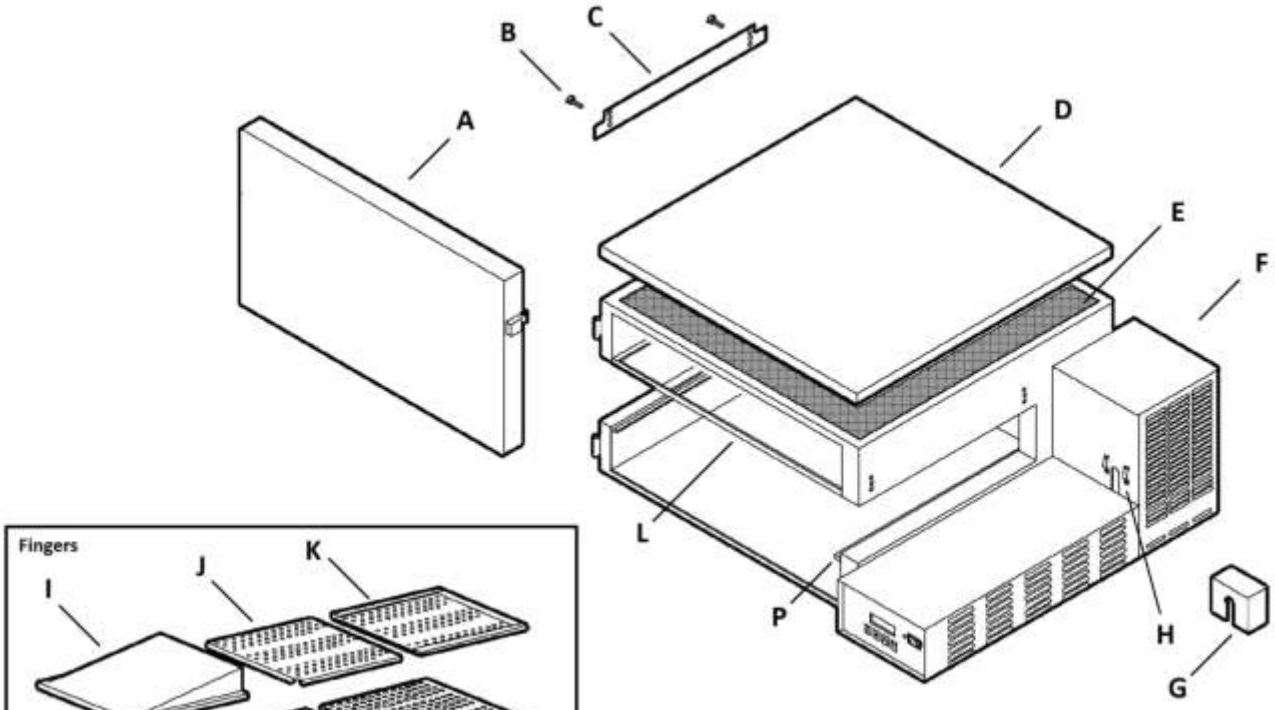
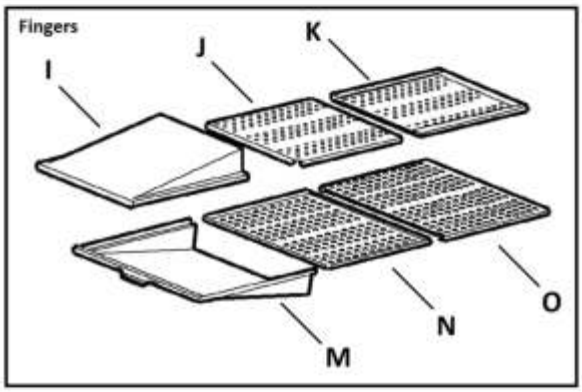
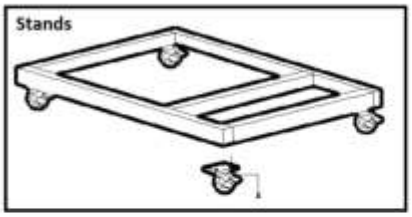
# Contents


General View – All Models _____ 4
Oven Door – All Models _____ 6
Access Door, Stainless Steel – All Models _____ 7
Control Box Front – Gas Models 1116, 1117 _____ 8
Control Box Front – Electric Models 1130, 1131, 1132, 1133 _____ 10
Control Box Rear – Gas Models 1116. 1117 _____ 12
Control Box Rear – Electric Models 1130, 1131, 1132, 1133 _____ 14
Gas Train – Gas Models 1116, 1117 _____ 16
Gas Burner – Gas Models 1116, 1117 _____ 17
Control Box Front - Gas Models 1154, 1155, 1157, 1158 _____ 18
Burner Assembly - Nat & LP Models 1154, 1155, 1157, 1158 _____ 22
Control Box Electric - Model 1164 _____ 26
Conveyor Motor Assembly _____ 30
Oven Back - Gas and Electric Models _____ 32
Conveyor-Full Belt - Gas and Electric Models _____ 34
Conveyor-Split Belt - Gas and Electric Models _____ 36
Oven Stand – Gas and Electric Models _____ 38
4.3" Touchscreen easyTouch Models 1116, 1117 S/N 2106100101445 to Current _____ 40
4.3" Touchscreen easyTouch Models 1130, 1131. 1132, 1133 S/N 2104100102813 to Current _____ 42
easyTouch Gas Export Models 1154, 1155, 1157, 1158 S/N 2111100101008 and Above _____ 44
easyTouch Electric Export Model 1164 S/N 22011001000482 and Above _____ 46
Wire Harnesses _____ 48
Miscellaneous Items - Gas and Electric Models _____ 50

# General View
# All Models

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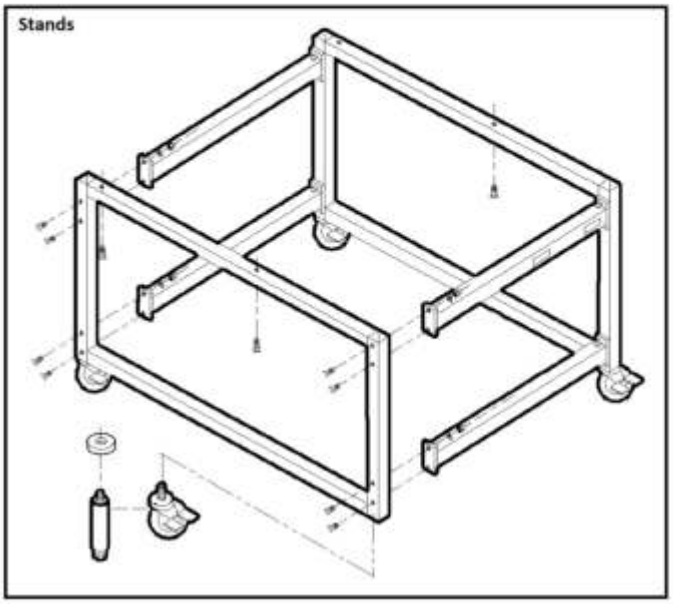
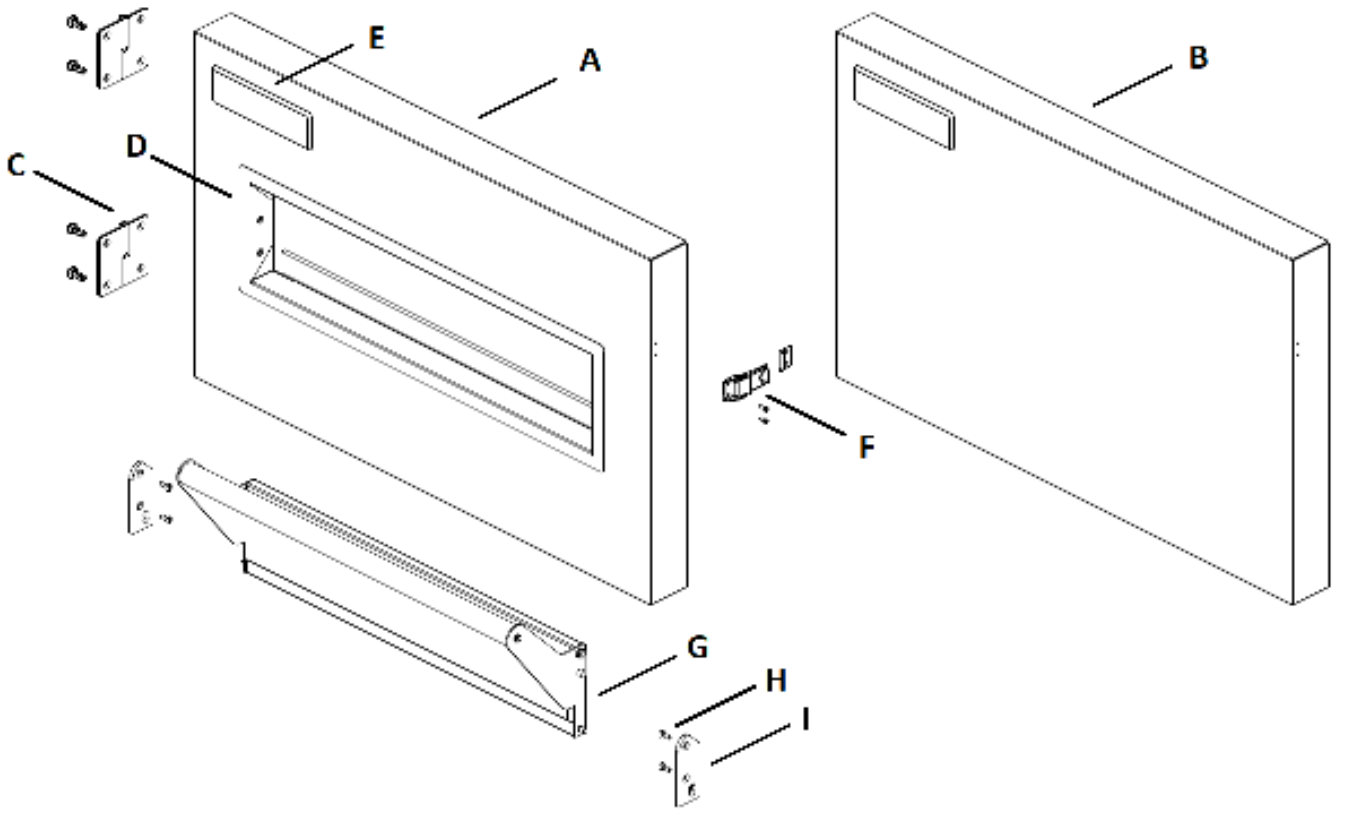


# General View
# All Models

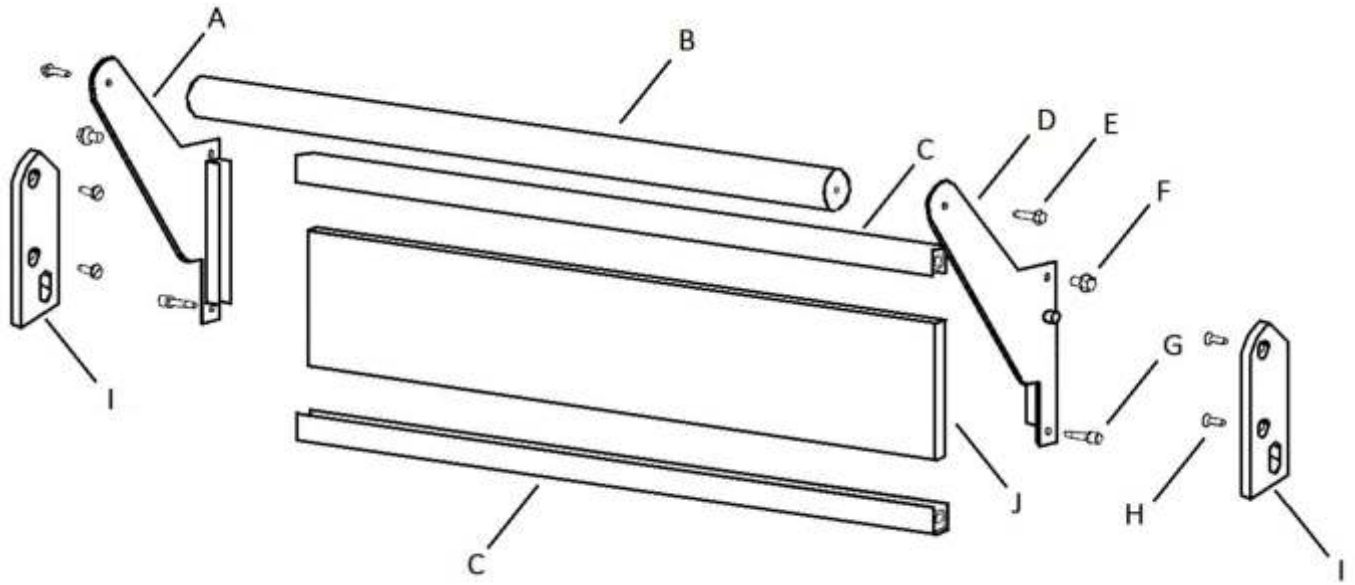
| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | | See "Oven Door" in this manual on Page 6<br>See "Access Door, Stainless Steel" in this manual on Page 7 | |
| B | | 369211 | SCR TMBSS 1/4-20X 1/2 | |
| C | | 371066 | Baffle Inlet/Outlet | |
| D | | 370415<br>369371 | Oven Top<br>Screw (For mounting Oven Top) | |
| E | | 370506 | Insulation Only | |
| F | | | See **"Control Box Front – Gas Models"** In this manual on Page **8**<br>See **"Control Box Front – Electric Models"** In this manual Page **10** | |
| F | | | See **"Control Box Rear – Gas Models"** In this manual on Page **12**<br>See **"Control Box Rear – Electric Models"** In this manual on Page **14** | |
| G | | 369659<br>370679 | Conveyor Hole Cover (S/N 2052462 & below)<br>Conveyor Hole Cover (S/N 2052463 to 0805210000806) | |
| H | | 371482 | Clip (for Conveyor Hole Cover) (S/N 0805210000806 & Below)<br>(No Cover or Clips for S/N 0805210000807 & Above) | |
| I | | 369504<br>370487 | Top Finger Housing (Model with –080-A or -00z-U)<br>Top Finger Housing (Model with –080-A1 or -037-U) | |
| J | | Contact Factory | Top Finger Columnating Plate (Customer Specific) | |
| K | | 369503<br>370486 | Top Finger Cover (Model with –080-A or -00z-U)<br>Top Finger Cover (Model with –080-A1 or -037-U) | |
| L | | 371492<br>7008013 | Top Finger Support (Model with –080-A or -00z-U)<br>Top Finger Support (Model with –080-A1 or -037-U) | |
| M | | 370010 | Bottom Finger Housing | |
| N | | Contact Factory | Bottom Finger Columnating Plate (Customer Specific) | |
| O | | 369502 | Finger Plate Bottom | |
| P | | 371440 | Bottom Finger Support | |
| Q | | | See "**Oven Stand**" in this manual on Page **38** | |
| Not Shown | | 371492 | Support Top Finger AZ | |
| Not Shown | | 2154 | RETURN AIR BAFFLE (RH) | |
| Not Shown | | 2155 | RETURN AIR BAFFLE (LH) | |
| Not Shown | | 11070003906 | ASM, IP COVER, CONTROL BOX | |
| Not Shown | | 11070003904 | ASM,IP COVER,FRONT COVER | |
| Not Shown | | 371541 | HEAT SHIELD ASSY, 2FT KOREA | |

# Oven Door
# All Models



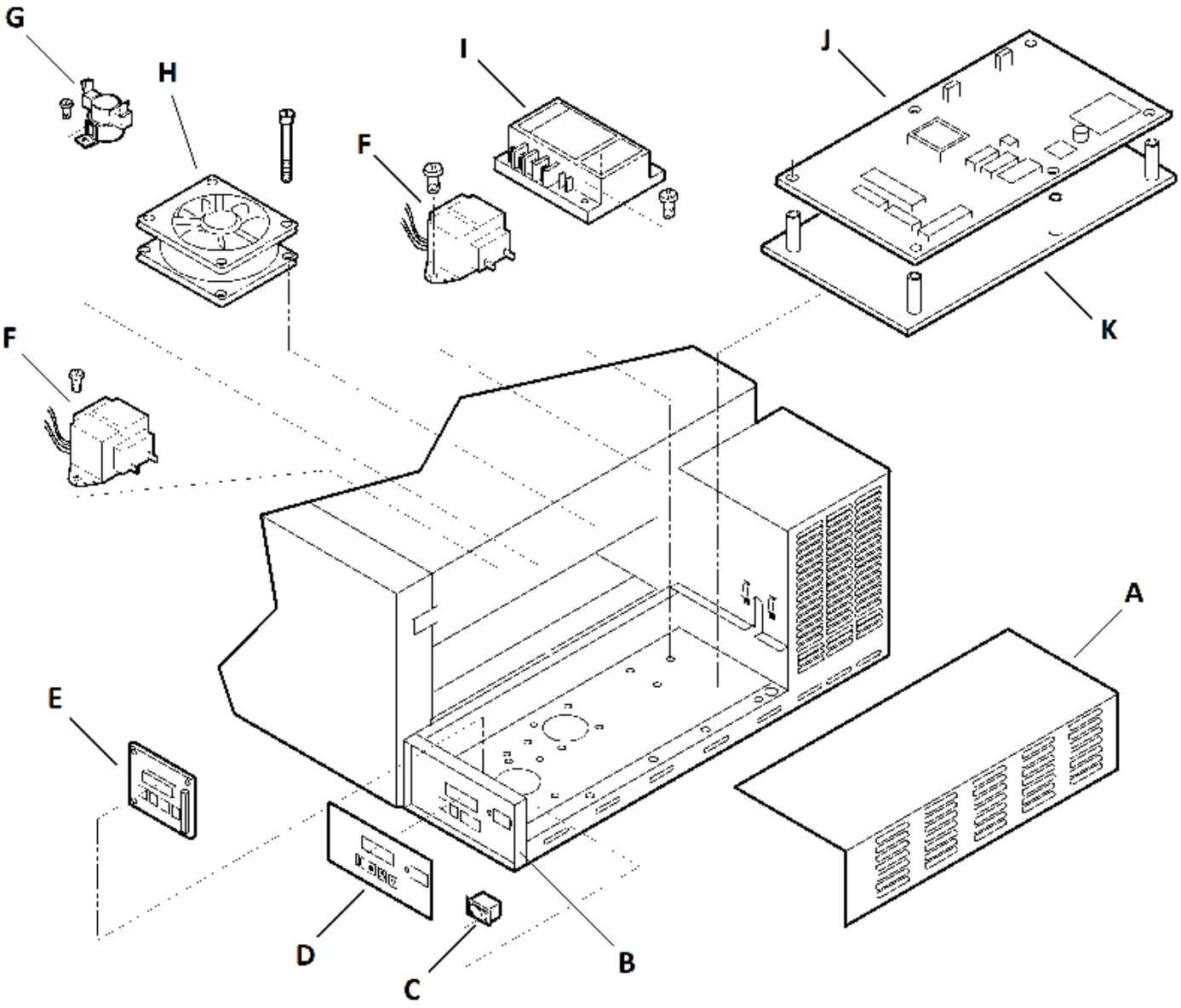

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 370414 | Complete Door Assembly (With Window) | |
| B | | 370413 | Complete Door Assembly (Solid) | |
| C | | 369513 | Door Hinge | |
| D | | 370047 | Access Door Frame | |
| E | | 370016 | Name Plate, Impinger | |
| F | | 369501 | Door Latch & Catch | |
| G | | 369110 | Access Door Assembly (See Note on Page 7) | |
| H | | 369931 | Retainer Screw | |
| I | | 369929<br>371171 | Window Retainer (50% Stainless Steel/PTFE)<br>Window Retainer (Stainless Steel) | |
| Not Shown | | 7002901 | Door Shim | |

# Access Door, Stainless Steel
# All Models




| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| **Note: This list is for ovens SN 0908210000875 & above.<br>Parts for ovens below SN 0908210000875, order entire Access Door Assembly 369110** | | | | |
| | | 369110 | Access Door Assembly (Includes Items A thru J) | R |
| A | | 371140 | Bracket Assembly, Left | |
| B | | 371142 | Dowel, Access Door | R |
| C | | 371144 | Access Door Frame (Top or Bottom) | |
| D | | 371141 | Bracket Assembly, Right | |
| E | | 370722 | Screw | |
| F | | 371143 | 8-32 x 3/8 Hx Serrated Flange | |
| G | | 370725 | Dowel Thread | |
| H | | 369931 | Retainer Screw | |
| I | | 369929<br>371171 | Window Retainer (50% Stainless Steel/PTFE) (Standard)<br>Window Retainer (Stainless Steel) | |
| J | | 370723<br>369925 | Glass 3.375"x19.80" (S/N 0908210000875 & above)<br>Glass 3.8"x19.80" Old Style | C |

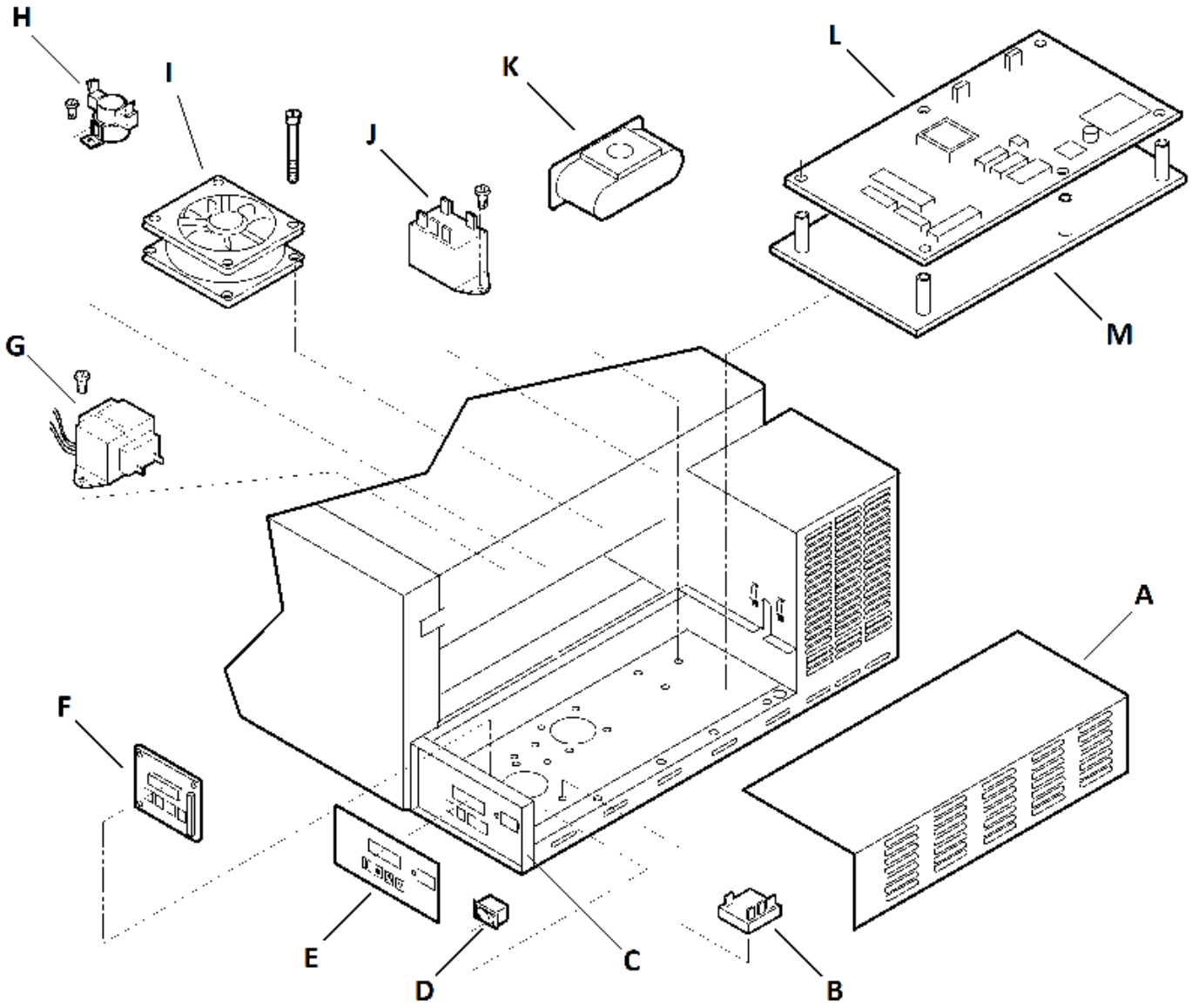
# Control Box Front
# Gas Models 1116, 1117
# S/N: 2106100101444 and Below



# Control Box Front
# Gas Models 1116, 1117
# S/N: 2106100101444 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 369680 | Front Cover Assembly | |
| B | | 371220 | Front Panel Assembly | |
| C | | 369805 | Switch, On/Off | C |
| D | | 370408<br>371340 | Facia, Pushbutton<br>Facia, Pushbutton "Fast Bake" | R |
| E | | 370409 | Display (Except Split Belt -050-U) | R |
| | | 371426 | Display (Split Belt -050-U Only) | |
| F | | 9900250 | Transformer, 24VAC | C |
| G | | 369507 | Thermostat, Cooling Fan | C |
| H | | 369124 | Cooling Fan | C |
| I | | 369532 | Ignition Control Module | C |
| J | | 370417<br>371215 | Control Board (Except -008-U & Split Belt -050-U)<br>Control Board (-008-U Only) | C |
| | | 371425 | Control Board Only (Split Belt -050-U Only) | |
| K | | 370410<br>369856 | Stand Off Plate (SN 0903210000317 & Below)<br>Stand Off Support (SN 0903210000318 & Above) | |
| Not Shown | | 370411 | Control Board (370417) and Display (370409) Combined | |
| Not Shown | | 371195 | Conveyor Control Board Only (Split Belt) (-050-U Only) | |
| Not Shown | | 9910544 | Wire Harness | |

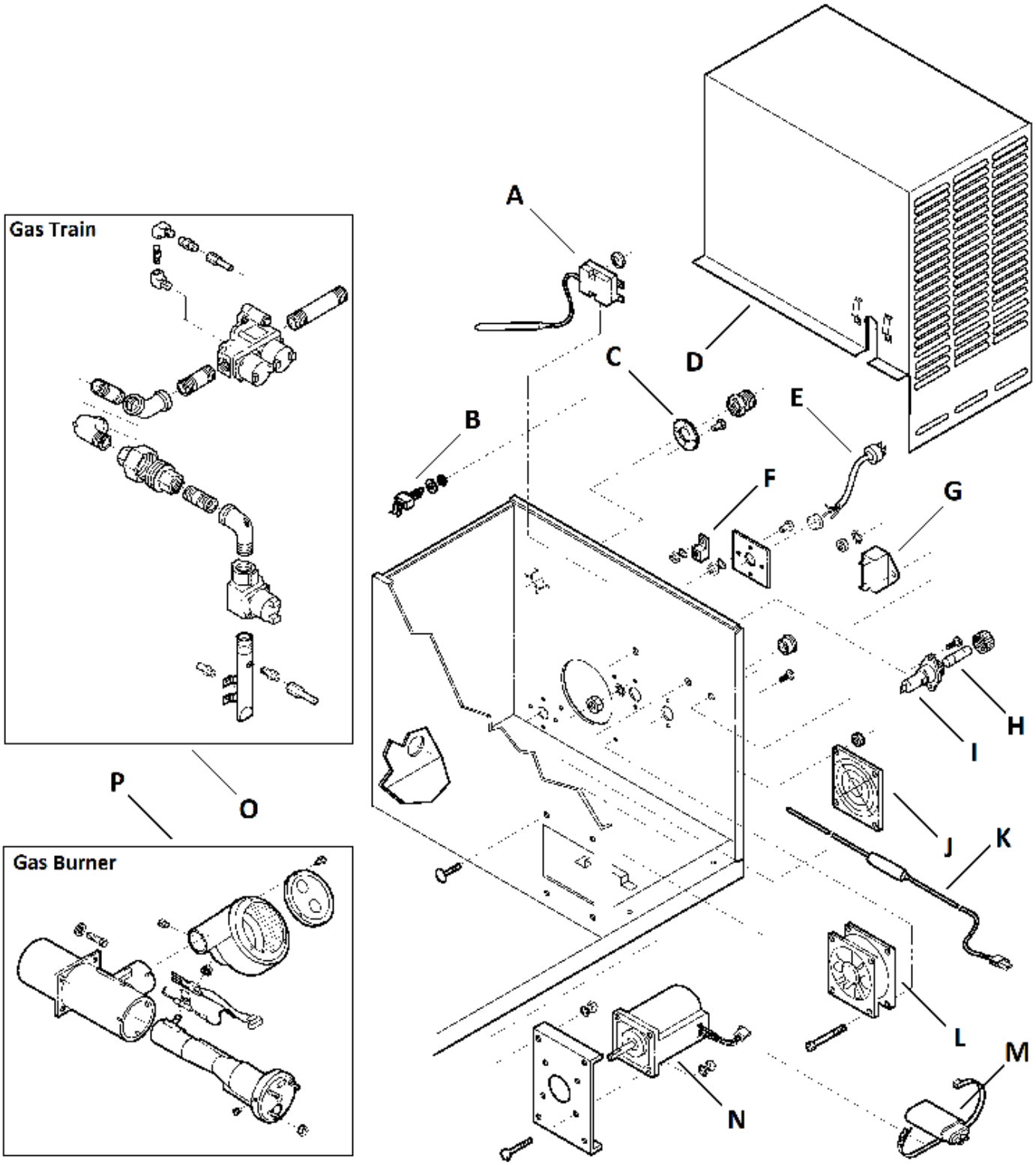
# Control Box Front
# Electric Models 1130, 1131, 1132, 1133
# S/N: 2104100102812 and Below



# Control Box Front
# Electric Models 1130, 1131, 1132, 1133
# S/N: 2104100102812 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 369680 | Front Cover Assembly | |
| B | | 369508<br>370466 | Timer, 20-minute (S/N 0809210000016 & below)<br>Timer, 20-minute (S/N 0809210000017 & above) | |
| C | | 371220 | Front Panel Assembly | |
| D | | 369432 | Switch, On/Off | C |
| E | | 370408<br>371340 | Facia, Pushbutton<br>Facia, Pushbutton "Fast Bake" | R |
| F | | 370409 | Display (Except Split Belt -050-U) | R |
| | | 371426 | Display (Split Belt -050-U Only) | |
| G | | 369427 | Transformer, 24VAC | R |
| H | | 369507 | Thermostat, Cooling Fan | C |
| I | | 369124<br>369378 | Cooling Fan (S/N 0809210000016 & Below)<br>Cooling Fan (S/N 0809210000017 & Above) | C |
| J | | 369523<br>369422 | Relay, Oven Start (S/N 0809210000016 & Below)<br>Relay, Oven Start (S/N 0809210000017 & Above) | |
| K | | 370673 | Air Pressure Switch (Gold Tech) | C |
| L | | 370417<br>371215 | Control Board (Except -008-U & Split Belt -050-U)<br>Control Board (-008-U Only) | C |
| | | 371425 | Control Board Only (Split Belt -050-U Only) | |
| M | | 370410<br>369856 | Stand Off Plate (SN 0903210000317 & Below)<br>Stand Off Support (SN 0903210000318 & Above) | |
| Not Shown | | 370411 | Control Board (370417) and Display (370409) Combined | |
| Not Shown | | 371195 | Conveyor Control Board Only (Split Belt) (-050-U Only) | |
| Not Shown | | 9910546 | Wire Harness | |

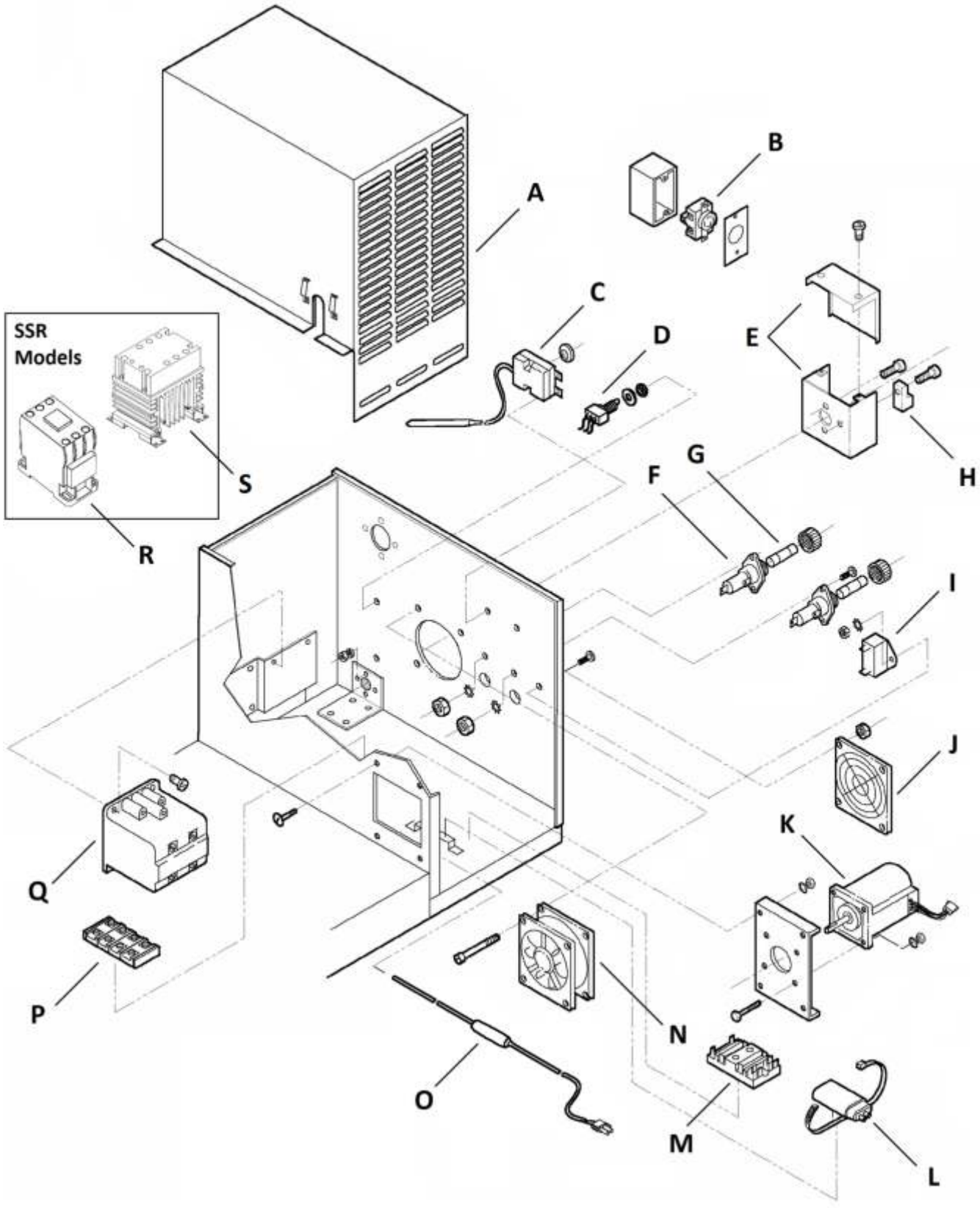
# Control Box Rear
# Gas Models 1116, 1117
# S/N: 2106101444 and Below



# Control Box Rear
# Gas Models 1116, 1117
# S/N: 2106101444 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 357067 | Thermostat, Oven Cavity High-Limit | C |
| B | | 370359 | Reversing Switch, Conveyor | C |
| C | | 371539 | Bulkhead, Gas Pipe Assembly | |
| D | | 369682<br>371495 | Control Box Cover, Rear (S/N 0805210000807 & Below)<br>Control Box Cover, Rear (S/N 0805210000808 & Above) | |
| E | | 369537 | Power Cord | |
| F | | 370364 | Ground Lug | |
| G | | 370376<br>370681 | Capacitor, Conv. Motor, 4.5µF Blue Dot (S/N 2052462 & Below)<br>Capacitor, Conv. Motor, 3.5µF Green Dot (S/N 2052463 & Above) | C |
| H | | 369166 | Fuse, 10A | C |
| I | | 369129 | Fuse Holder | C |
| J | | 369331 | Finger Guard | |
| K | | 370362 | Thermocouple, Type "K" | C |
| L | | 369124 | Cooling Fan | C |
| M | | 371197 | Capacitor, Main Fan Motor, 15µF | C |
| N | | FK370378<br>370675 | Conveyor Motor Assembly, Blue Dot (S/N 2052462 & Below)<br>Conveyor Motor Assembly, Green Dot (S/N 2052463 & Above) | C |
| O | | | See "**Gas Train**" in this manual on Page **16** | |
| P | | | See "**Gas Burner**" in this manual on Page **17** | |
| Not Shown | | 370304 | HSI Connector Kit | |

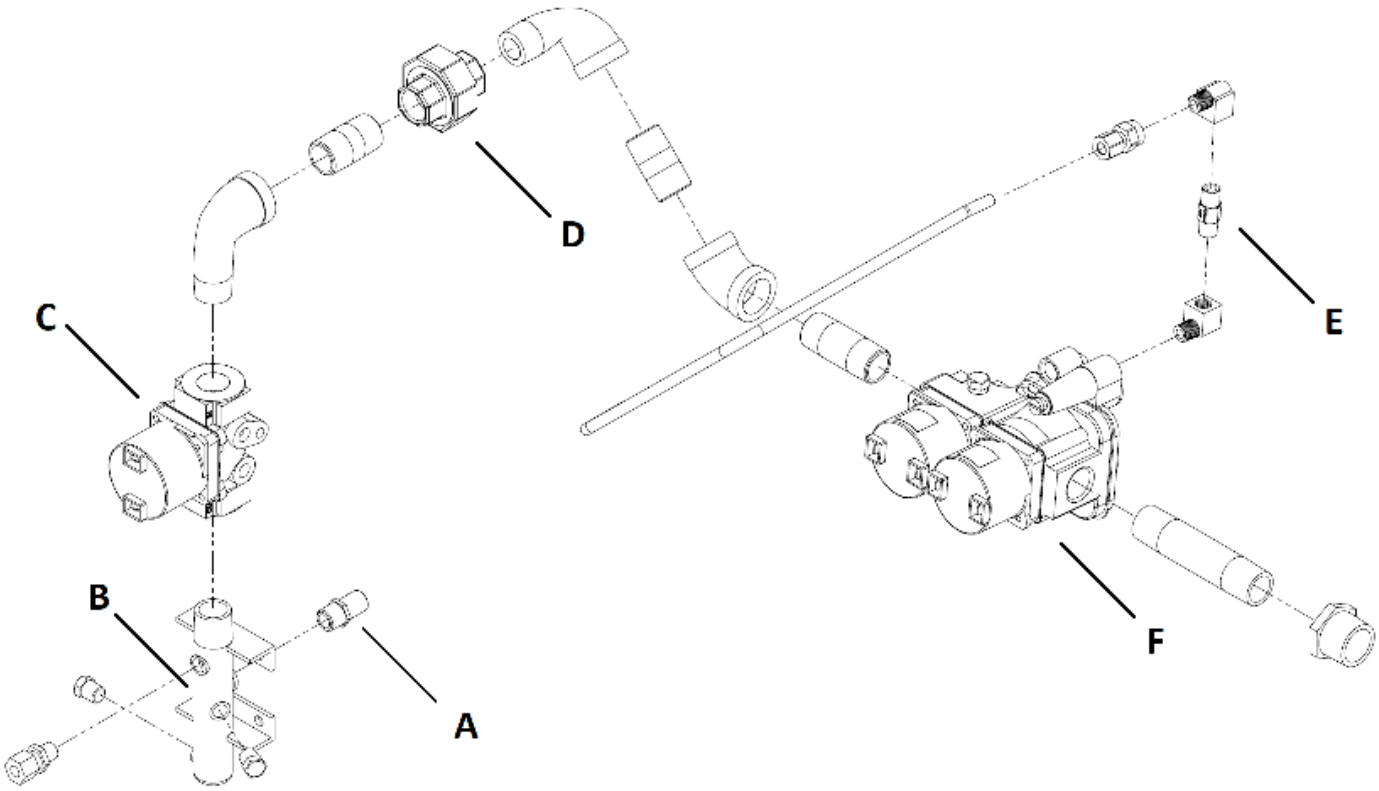
# Control Box Rear
# Electric Models 1130, 1131, 1132, 1133
# S/N: 2104100102812 and Below



# Control Box Rear
# Electric Models 1130, 1131, 1132, 1133
# S/N: 2104100102812 and Below

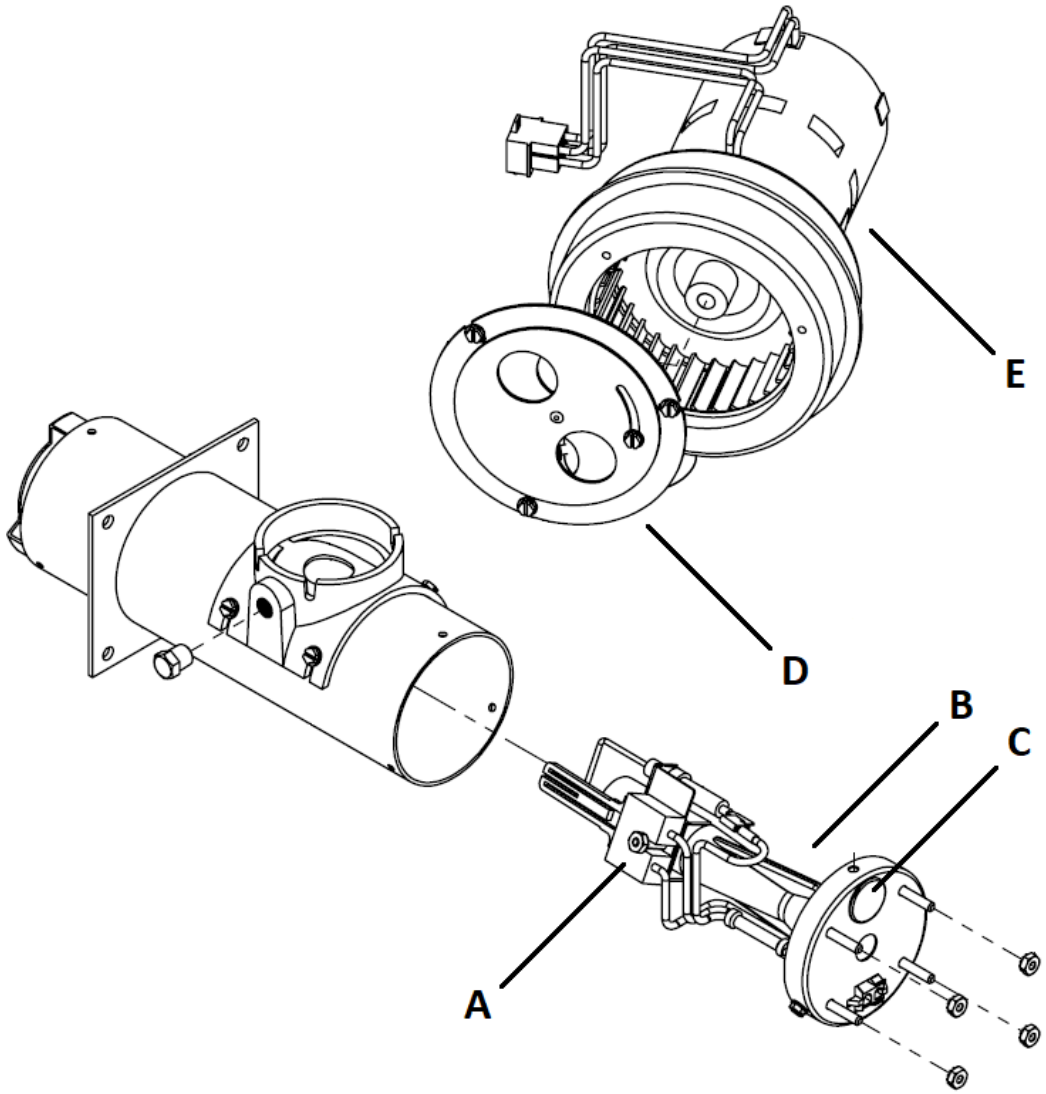
| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 369682<br>371495 | Control Box Cover, Rear (S/N 0805210000807 & Below)<br>Control Box Cover, Rear (S/N 0805210000808 & Above) | |
| B | | 370302 | Receptacle | |
| C | | 357067 | Thermostat, Oven Cavity High-Limit | C |
| D | | 370359 | Reversing Switch, Conveyor | C |
| E | | 370134<br>370133 | Electrical Box Cover<br>Electrical Box | |
| F | | 369129 | Fuse Holder | C |
| G | | 369166 | Fuse, 10A | C |
| H | | 370364 | Ground Lug | |
| I | | 370383<br>370682 | Capacitor, Conv. Motor, Red Dot (S/N 2052462 & Below)<br>Capacitor, Conv. Motor, Brown Dot (S/N 2052463 & Above) | C |
| J | | 369331 | Finger Guard | |
| K | | FK370384<br>370676 | Conveyor Motor Assembly, Red Dot (S/N 2052462 & Below)<br>Conveyor Motor Assembly, Brown Dot (S/N 2052463 & Above) | C |
| L | | 369192 | Capacitor, Main Fan Motor, 7.5µF | C |
| M | | 369200<br>369422 | Relay, Main Fan (S/N 0809210000016 & below)<br>Relay, Main Fan (S/N 0809210000017 & above) | |
| N | | 369124<br>369378 | Cooling Fan (S/N 0809210000016 & Below)<br>Cooling Fan (S/N 0809210000017 & Above) | C |
| O | | 370362 | Thermocouple, Type "K" | C |
| P | | 369185<br>369187 | Terminal Block Section 1 Phase (2 Required)<br>Terminal Block Section (3 Required) | |
| | | 369186<br>369188 | Terminal Block End 1 Phase<br>Terminal Block End 3 Phase | |
| Q | | 370067<br>369479-AS<br>370485-AS | Mercury Contactor 2 Pole (1 Phase)<br>Mercury Contactor 3 Pole (3 Phase)<br>Mercury Contactor 3 Pole (3 Phase) (-08H-A Model Only) | C |
| R | | 370739 | Contactor, Safety (SSR Ovens Only) | |
| S | | FK90002172 | SSR, 75A (Includes Heat Sink) (SSR Ovens Only) | |
| Not Shown | | 369837 | Noise Suppressor for Mercury Contactor<br>(S/N 1205235000247 & Above) (1PH & 3PH) | |

# Gas Train
# Gas Models 1116, 1117
# S/N: 2106100102812 and Below



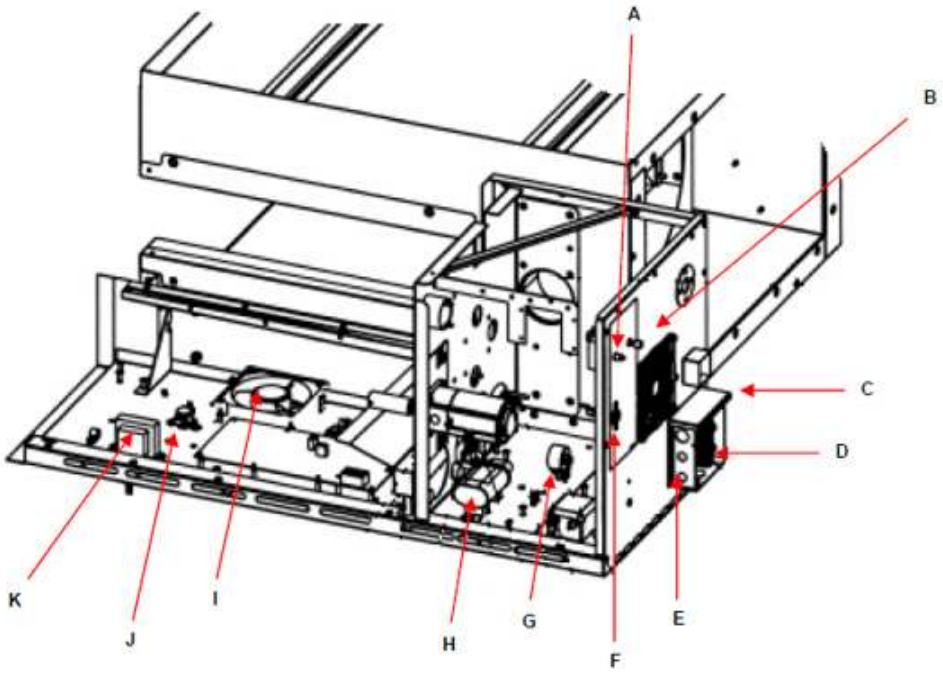

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 369566 | Orifice, Main, NAT Gas | C |
| | | 369524 | Orifice, Main, LP Gas | R |
| B | | 369901 | Burner Manifold | |
| C | | 369398 | Valve, Temperature Regulation | C |
| D | | 369564 | Union, ½" X ½" | |
| E | | 370031 | Orifice, Bypass, NAT Gas | R |
| | | 369557 | Orifice, Bypass, LP Gas | R |
| F | | 369263 | Gas Valve, Main/Pilot, NAT/LP | C |
| Not Shown | | G02251-1 | Pressure Test Fitting | |

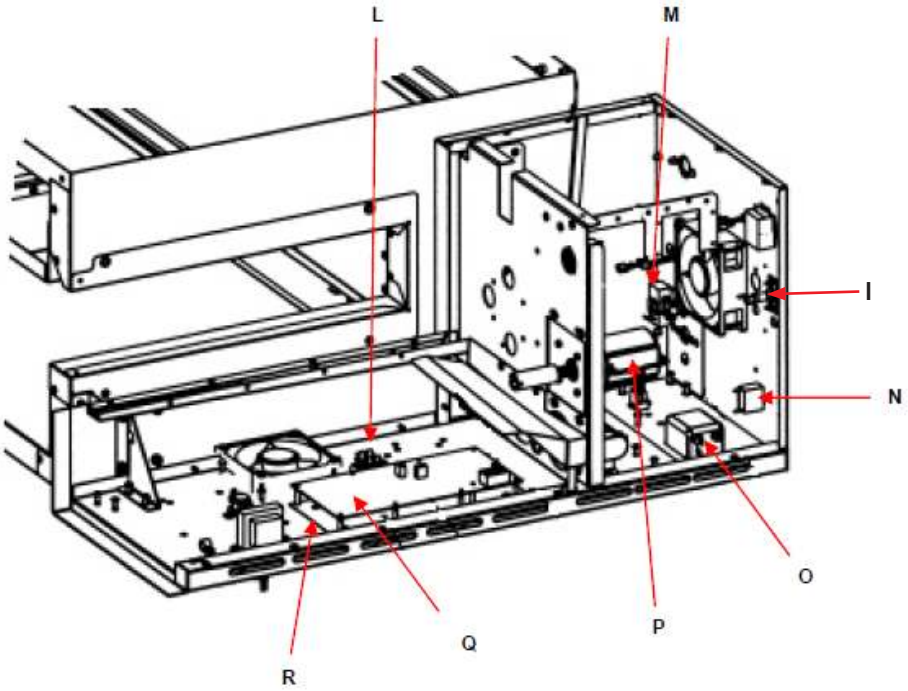
# Gas Burner
# Gas Models 1116, 1117
# S/N: 2106100102812 and Below




| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 369552<br>370304 | Hot Surface Igniter<br>Hot Surface Igniter Connector | C |
| B | | 369568 | Burner Venturi, NAT Gas | |
| | | 369938 | Burner Venturi, LP Gas | |
| C | | 390131 | Sight Glass | |
| D | | 369401 | Air Shutter Assembly | |
| E | | 369366 | Burner Blower Motor | C |

# Control Box Front
# Gas Models 1154,1155,1157,1158
# S/N: 2111100101007 and Below



# Control Box Front
# Gas Models 1154,1155,1157,1158
# S/N: 2111100101007 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 357067 | HI-LIMIT | |
| B | | 369771 | SWITCH PUSH BUTTON | |
| C | | 390129 | COVER JUNCTION BOX | |
| D | | 370117 | TERMINAL BLOCK 5POLE | |
| E | | 370178 | JUNCTION BOX | |
| F | | 369014 | FUSE 10 AMP | |
| | | 357107 | FUSE HOLDER | |
| G | | 371218 | BEADED FERRULE | |
| H | | 369192 | CAPACITOR 7.5 MFD, 370 VAC | |
| I | | 369378 | MOTOR FAN 230VAC | |
| | | 369331 | FINGER GUARD | |
| J | | 369507 | THERMOSTAT BI-METAL | |
| K | | 370241 | TRANSFORMER ASSY | |
| L | | 369125 | TERMINAL BLOCK | |
| M | | 370184 | FILTER RFI | |
| N | | 370682 | CAPACITOR BROWN DOT 450V 1uF S/N: 2052463 and above | |
| | | FK370384 | Motor Retro-fit with Cap S/N: 2052462 and below | |
| O | | 370387 | FILTER EMI | |
| P | | | See 1154 Motor Assembly Section (Pg 30) | |

# Control Box Front
# Gas Models 1154,1155,1157,1158
# S/N: 2111100101007 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| Q | | 370417 | CONTROL BOARD | |
| | | 371425 | CONTROL BOARD (SPLIT BELT) | |
| | | 371195 | CONVEYOR CONTROL SPLIT BELT | |
| | | 370409 | DISPLAY BOARD | |
| | | 371426 | REMOTE DISPLAY BOARD (SPLIT BELT) | |
| | | 371340 | BUTTON FASCIA FASTBAKE | |
| | | 370408 | BUTTON FASCIA | |
| R | | 9004480 | PLATE ASSY STAND-OFF | |
| Not Shown | | 369856 | SUPPORT STAND-OFF | |
| Not Shown | | 369579 | ALARM 250V SOLID STAT | |
| Not Shown | | 370364 | LUG GROUND | |
| Not Shown | | 369432 | SWITCH ON-OFF | |
| Not Shown | | 370673 | AIRSWITCH PS100 GOLDTEC | |
| Not Shown | | 371220 | PANEL FRONT ASSY | |
| Not Shown | | 370359 | SWITCH CNVYR REVRS ASSY | |
| Not Shown | | 370362 | THERMOCOUPLE (K TYPE) | |
| Not Shown | | 371539 | BULK HEAD ASSEMBLY NEW STYLE - LNC | |

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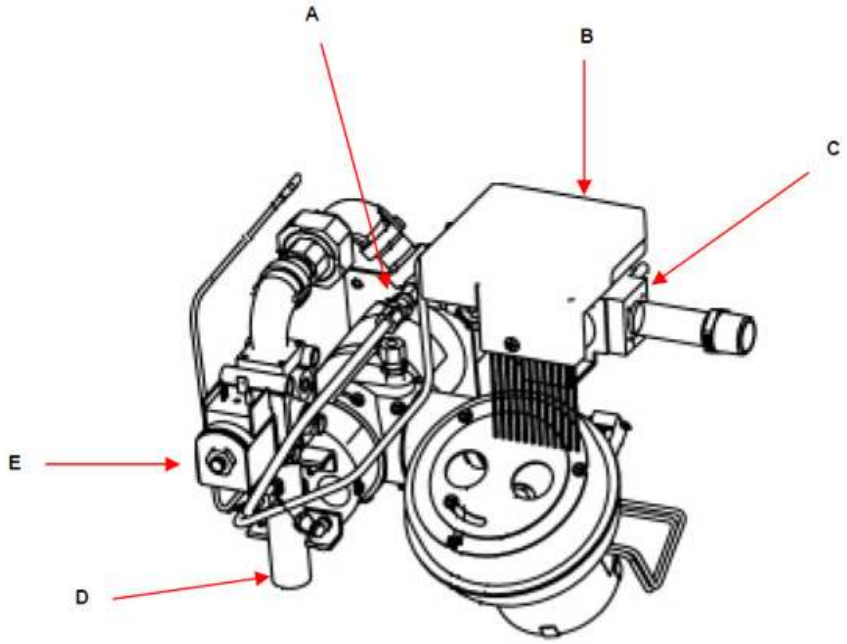
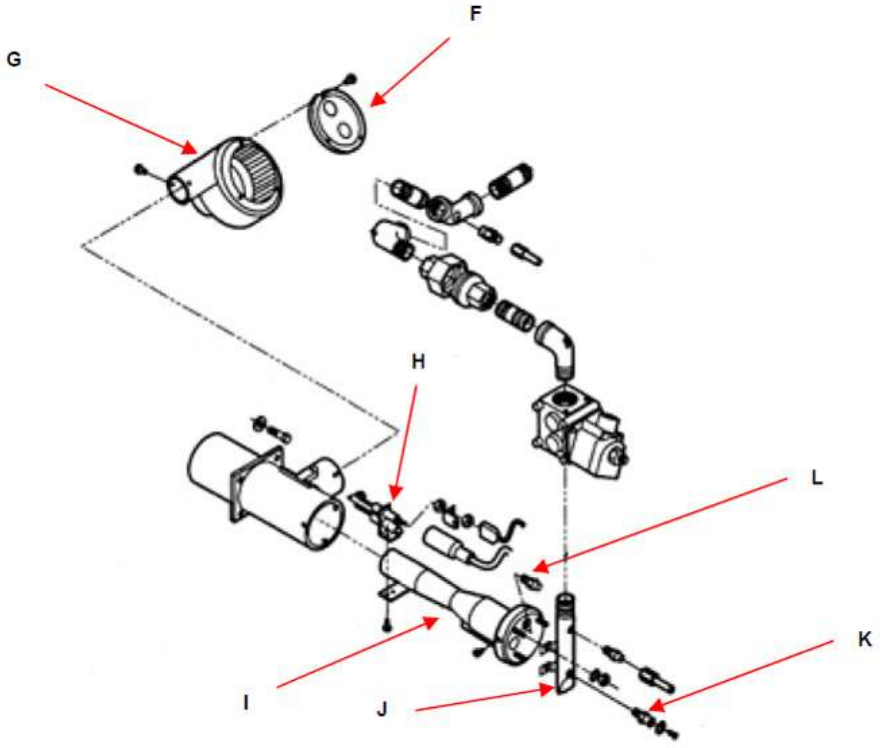
# Burner Assembly
# Nat & LP Models 1154, 1155, 1157, 1158
# S/N: 2111100101007 and Below



# Burner Assembly
# Nat & LP Models 1154, 1155, 1157, 1158
# S/N: 2111100101007 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 370031 | BYPASS ORFICE .061 2" NAT | |
| | | 369557 | FITTING .037 2' LP | |
| Not Shown | | FK7005331 | KIT TUBE BYPASS | |
| B | | 370401 | IGNITOR PLUG-IN MODULE | |
| | | 4604018 | IGNITION MODULE TECHRITE TAIS CP-R34.5-S-43430NV | |
| C | | 370400 | VALVE VK4115 A 1000 | |
| D | | 369582 | COMPLETE BURNER ASSY NAT GAS | |
| E | | 370186 | VALVE SOLENOID 220 | |
| | | 4604195 | SOLENOID BASO (COIL ONLY)240V 50-60HZ 15VA | |
| F | | 369401 | AIR SHUTTER ASSY | |
| G | | 369589 | MOTOR BLOWER BURNER | |
| H | | 370397 | SPARK IGNITOR ASSY | |
| Not Shown | | 369656 | IGNITOR CABLE ASSY S/N: 2045407 AND BELOW LANDIS | |
| Not Shown | | 370398 | IGNITOR CABLE ASSY S/N: 2045408 AND ABOVE HONEYWELL | |
| Not Shown | | 11010005771 | 5MM IGNITOR CABLE ASSY NOISE SUPPRESSION TECHRITE | |
| I | | 369654 | VENTURI NAT | |
| | | 369773 | VENTURI LP | |
| J | | 369901 | MANIFOLD BURNER ASSY | |
| K | | 369689/ G02251-1 | PRESSURE TEST SPIGOT | |

# Burner Assembly
# Nat & LP Models 1154, 1155, 1157, 1158
# S/N: 2111100101007 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| L | | 370036 | ORIFICE MAIN NAT | |
| | | 369524 | ORIFICE MAIN LP | |
| | | 2605053 | MAIN ORIFICE .075/1.90MM | |
| Not Shown | | 369662 | BURNER TUBE ASSY | |
| Not Shown | | 370399 | FLAME SENSOR WIRE | |

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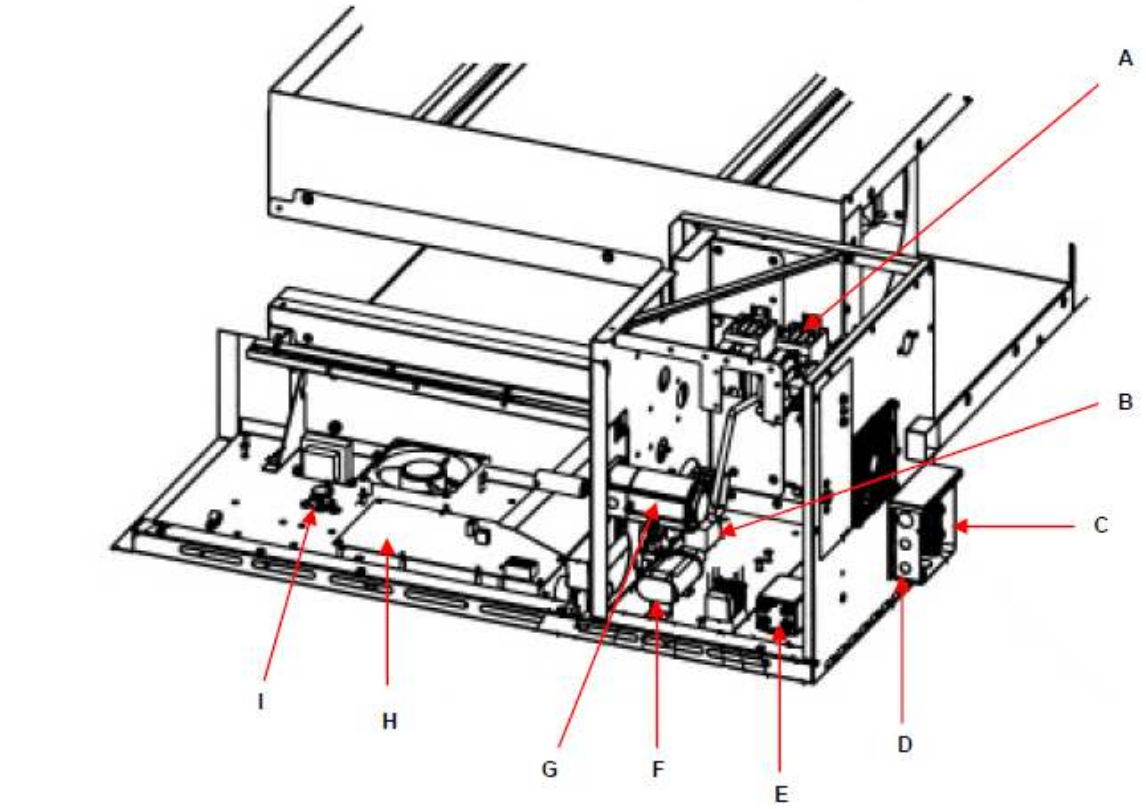
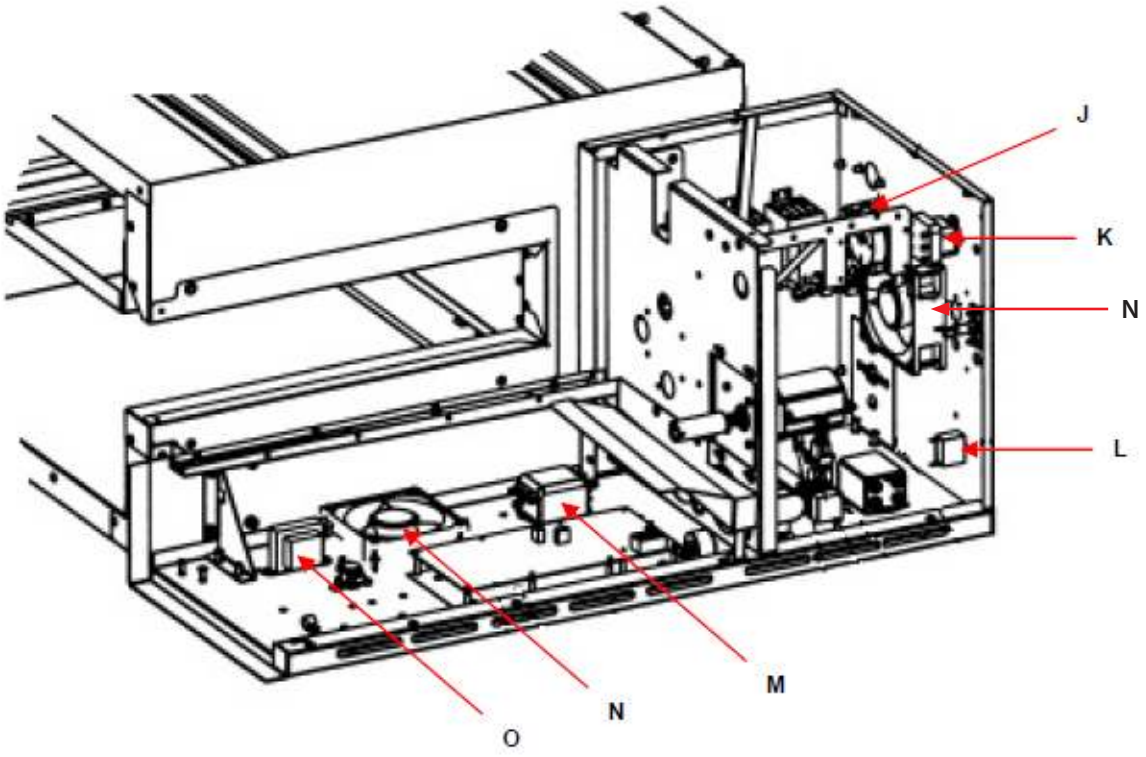
# Control Box Electric
# Model 1164
# S/N: 22011001000481 and Below



# Control Box Electric
# Model 1164
# S/N: 220110010000481 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 370672 | SOLID STATE RELAY 50AMP | |
| B | | 370674 | SURGE PROTECTOR | |
| C | | 370117 | TERMINAL BLOCK 5POLE | |
| D | | 390129 | COVER JUNCTION BOX | |
| E | | 371154 | LINE FILTER | |
| F | | 369192 | CAPACITOR 370V 7.5 uF | |
| G | | | SEE 1164 CONVEYOR MOTOR ASSEMBLY (Page 30) | |
| H | | 370417 | CONTROL BOARD | |
| Not Shown | | 371425 | CONTROL BOARD (SPLITBELT) | |
| Not Shown | | 370409 | DISPLAY BOARD WITH RIBBON CABLE | |
| Not Shown | | 371426 | REMOTE DISPLAY BOARD (SPLITBELT) | |
| Not Shown | | 370408 | BUTTON FASCIA | |
| Not Shown | | 371340 | BUTTON FASCIA FASTBAKE | |
| Not Shown | | 371195 | CONVEYOR CONTROL BOARD 1100 (SPLITBELT) | |
| I | | 369507 | THERMOSTAT BI-METAL | |
| J | | 370673 | AIRSWITCH PS100 GOLDTEC | |
| K | | 369368 | THERMOSTAT, HIGH LIMIT | |
| L | | 370682 | CAPACITOR 450V 1.0 uF (S/N 2045463 to 220110010000481) | |
| | | FK370384 | CAPACITOR 450V 1.0 uF/ MOTOR SERVICE KIT (S/N 2045462 and Below) | |
| M | | 370387 | FILTER EMI | |
| N | | 369378 | COOLING MOTOR/FAN 230VAC | |
| O | | 370241 | TRANSFORMER ASSY | |

More items next page

# Control Box Electric
# Model 1164
# S/N: 22011001000481 and Below

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| Not Shown | | 369331 | FINGER GUARD COOLING FAN COVER | |
| Not Shown | | 370364 | LUG GROUND | |
| Not Shown | | 369432 | SWITCH ON-OFF | |
| Not Shown | | 371220 | PANEL FRONT ASSY | |
| Not Shown | | 370359 | REVERSING SWITCH ASSY | |
| Not Shown | | 369014 | FUSE 10 AMP | |
| Not Shown | | 357107 | FUSE HOLDER | |
| Not Shown | | 370362 | THERMOCOUPLE TYPE K W/PLUG | |
| Not Shown | | 390129 | COVER JUNCTION BOX | |

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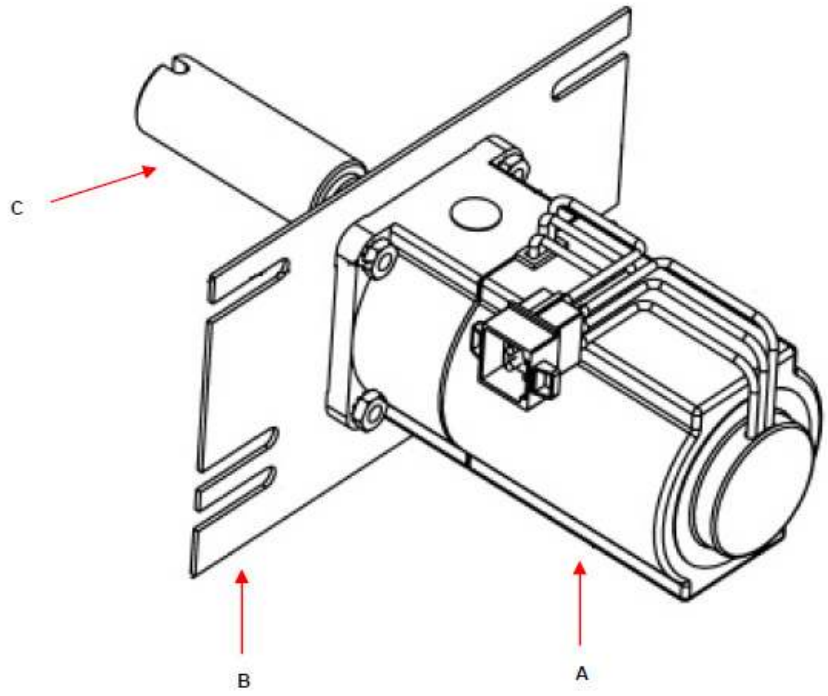
# Conveyor Motor Assembly
# Digital Models 1154,1155,1157,1158,1164




| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 370676 | MOTOR 230/50-60/1 BROWN DOT S/N: 205463 AND ABOVE | |
| | | FK370384 | MOTOR 230V PINS & HOUSNG RETROFIT WITH CAPACITOR S/N: 2052462 AND BELOW | |
| B | | 370686 | BRACKET MOTOR | |
| C | | 370671 | COUPLING DRIVE S/N: 2052463 AND ABOVE | |
| Not Shown | | 369190 | COUPLING DRIVE S/N: 2052462 AND BELOW | |
| Not Shown | | 369512 | COUPLING CENTER S/N: 2052462 AND BELOW | |
| Not Shown | | 370682 | CAPACITOR SEE CONTROL BOX FOR LOCATION (Page 26 & 27) | |

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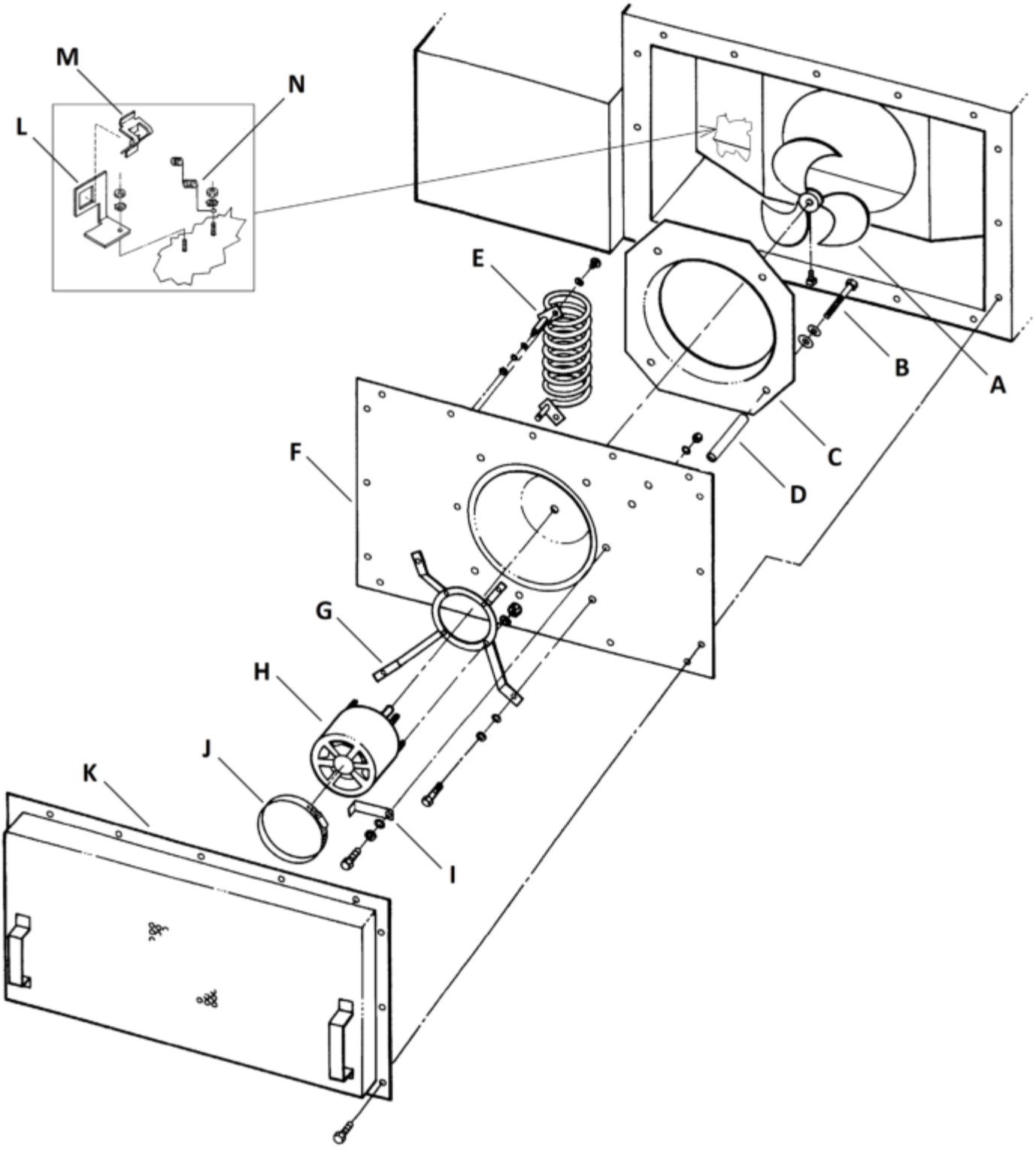
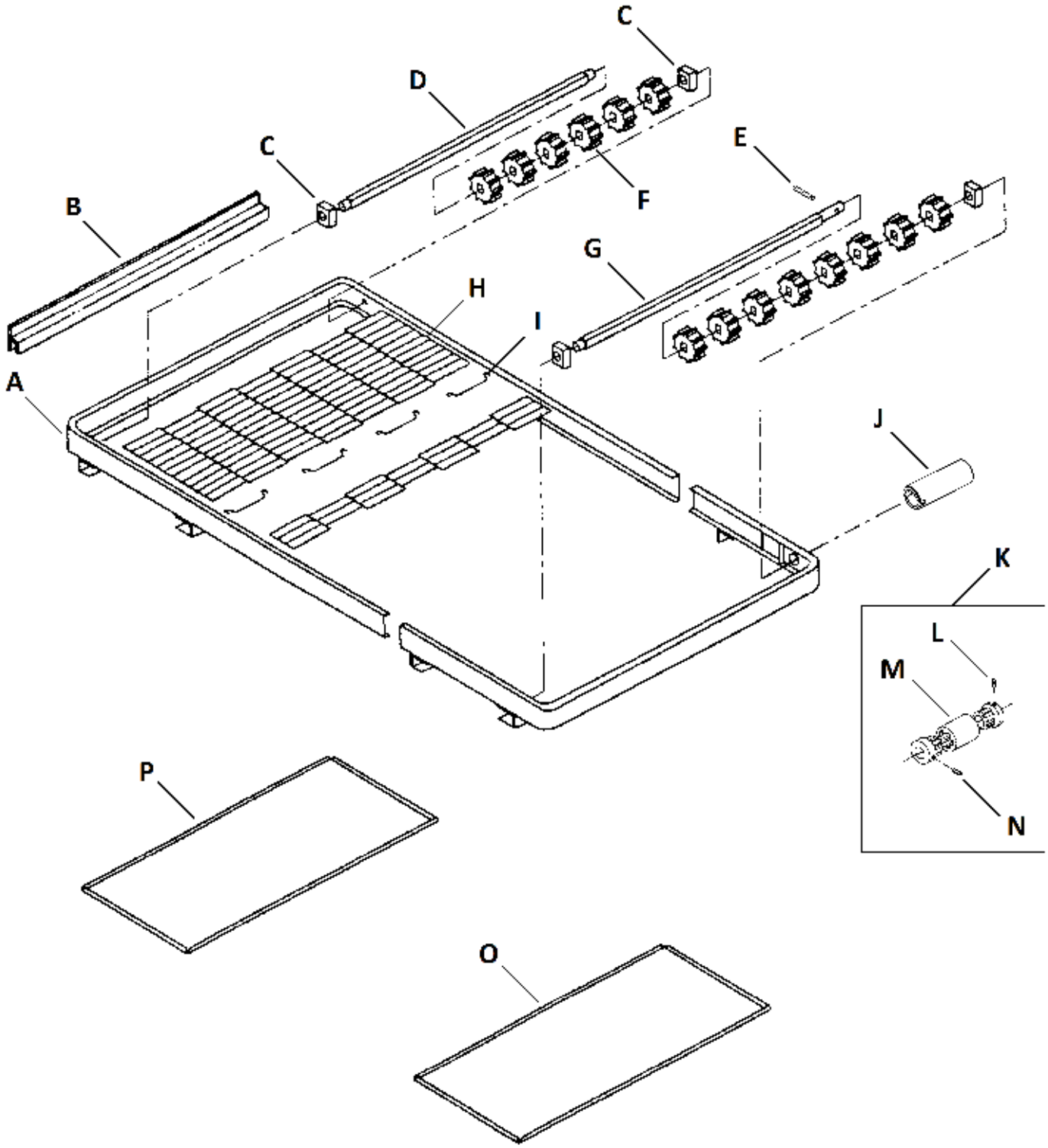
# Oven Back
# Gas and Electric Models



# Oven Back
# Gas and Electric Models

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 369182 | Fan Assembly (Except 1178-000-U Models) | C |
| | | 369725 | Fan Assembly (1178-000-U Ovens Only) (LH Control Box) | |
| B | | 2017006 | Hexagon Bolt (1/4-20 X 3 1/2") | |
| C | | 7004305 | Fan Shroud | |
| D | | 369655 | Rod Stand-off | |
| E | | 369183<br>369184<br>370164 | Heating Element, 208V (Except -08H-A Models)<br>Heating Element, 240V (Except -08H-A Models<br>Heating Element, 230V 1164 | C |
| | | 370690<br>370689 | Element, 208V (-08H-A Models S/N 10062053641 & Above)<br>Element, 240V (-08H-A Models S/N 10062053641 & Above) | R |
| F | | 9002266<br><br>CK9003458 | Oven Back Assembly without motor (Gas Ovens Only) S/N 2204100101018 and Below<br>1116, 1117 Rear Wall complete Assy only | |
| | | 369549<br>CK9002266 | Oven Back Assembly (Electric Ovens Only) (Except -08H-A)<br>Electric rear wall assy | |
| | | CK4608230 | Oven Back Assembly without motor (Gas Ovens Only) S/N 2204100101019 and Above | |
| | | CK4608231 | Oven Back Assembly without motor (Electric Ovens Only S/N 2204100101019 and Above | |
| G | | 369581 | Motor Mount Assembly | |
| H | | 369539<br>369726<br>369196 | Motor, Main Fan (Gas Ovens 120V) (Except 1178-000-U)<br>Motor, Main Fan (1178-000-U Ovens Only) (LH Control Box)<br>Motor, Main Fan 50Hz 1154, 1155, 1164 | C |
| | | 369181 | Motor, Main Fan (Electric Ovens 208/240V) 1157, 1158 | C |
| I | | 369695<br>4608197/<br>4608198 | Bracket Motor Strap<br>Motor Bracket | |
| J | | 369033 | Motor Clamp | R |
| K | | 369681 | Cover Rear Assy | |
| L | | 369979 | Bracket, High Limit | |
| M | | 369227 | Spring Catch 2'Oven | |
| N | | 369541 | Bracket, Thermocouple Wire Form | |
| Not Shown | | 370749 | Strain/Nut Lock | |

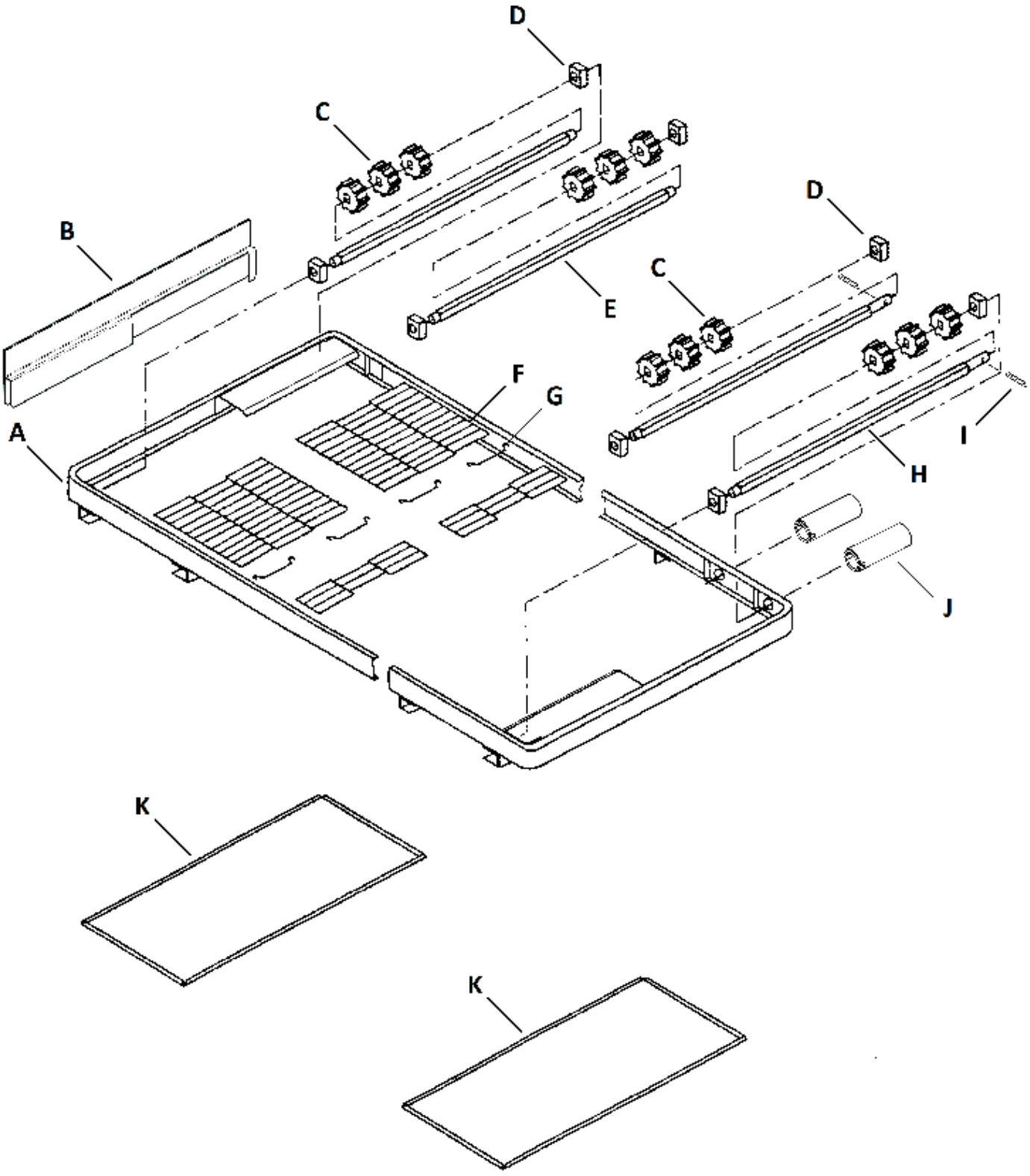
# Conveyor – Full Belt
# Gas and Electric Models



# Conveyor – Full Belt
# Gas and Electric Models

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| | | 369222<br>370677<br>371189 | Complete Conveyor Assembly (S/N 2052462 & Below)<br>Complete Conveyor Assembly (S/N 2052463 & Above)<br>Complete Conveyor Assembly (-008-U Model Only) | |
| | | 371338<br>1174-CLE | Complete Conveyor Assembly (S/N 2052462 & Below) (K.K.)<br>Complete Conveyor Assembly (S/N 2052463 & Above) (K.K.) | |
| A | | 369666 | Conveyor Frame Assembly | |
| B | | 369226 | Pan Stop | |
| C | | 369516 | Conveyor Bearing | R |
| D | | 369514<br>371533 | Idler Shaft, Regular Conveyor<br>Idler Shaft, (-008-U Model Only) | |
| E | | 369471 | Roll Pin | R |
| F | | 369515<br>370509<br>369978 | Sprocket (W/Set Screw), Regular Conveyor<br>Sprocket, Metal (W/Set Screw), Heavy-Duty Conveyor (.062)<br>Set Screw Only | R |
| | | 370997<br>370993 | Blank Roller (-008-U Model Only)<br>Sprocket (-008-U Model Only) | |
| G | | 369238<br>370678<br>10004442 | Drive Shaft (S/N 2052462 & Below)<br>Drive Shaft (S/N 2052463 & Above)<br>Drive Shaft (-008-U Model Only) | |
| H | | 369194<br>370155<br>371527 | Conveyor Belt, Complete, Regular Conveyor (.050)<br>Conveyor Belt, Complete, Heavy-Duty (.062)<br>Conveyor Belt, Complete, (-008-U Model Only) (.072) | R |
| | | 369394<br>370157 | Belt, 1ft. Section, Regular Conveyor (.050)<br>Belt, 1ft. Section, Heavy-Duty (.062) | R |
| I | | 369165<br>370156<br>371528 | Splice Clip, Regular Conveyor (.050)<br>Splice Clip, Heavy-Duty (.062)<br>Splice Clip, (-008-U Model Only) (.072) | R |
| J | | 370671 | Coupler (S/N 2052463 & above) (Metal W/Spring) - Digital Models Only For easyTouch Models see page 40 - 46 | C |
| K | | 369190 | Coupler (S/N 2052462 & below) (Rubber Inner, Metal Outer) Digital Models Only For easyTouch Models see page 40-46 | R |
| L | | 370116 | Set Screw (S/N 2052462 & Below) Digital Models Only For easyTouch Models see page 40-46 | |
| M | | 369512 | Coupling Center (S/N 2052462 & Below) Digital Models Only For easyTouch Models see page 40-46 | R |
| N | | 369269 | Ball Plunger (S/N 2052462 & Below) Digital Models Only For easyTouch Models see page 40-46 | R |
| O | | 369223<br>369223 | Crumb Pan, Right (S/N 2045452 & Below)<br>Crumb Pan, Right (S/N 2045453 & Above) (Same as Left) | |
| P | | 369224<br>369223 | Crumb Pan, Left (S/N 2045452 & Below)<br>Crumb Pan, Left (S/N 2045453 & Above) (Same as Right) | |

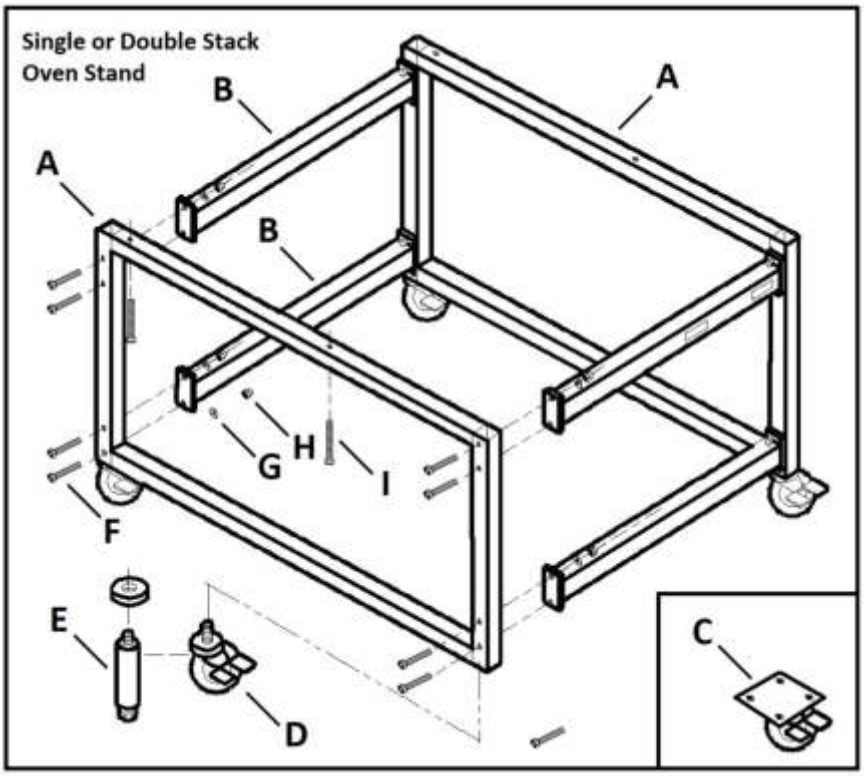
# Conveyor – Split Belt
# Gas and Electric Models



# Conveyor – Split Belt
# Gas and Electric Models

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| | | 371099 | Complete Conveyor Assembly Split Belt | |
| A | | 90000646 | Conveyor Frame Assembly | |
| B | | 70001451 | Pan Stop | |
| C | | 369515 | Sprocket (W/Set Screw) | R |
| | | 369978 | Set Screw Only (For Above Sprocket) | |
| D | | 369516 | Conveyor Bearing | R |
| E | | 369514 | Idler Shaft | |
| F | | 10004535 | Conveyor Belt, Complete | |
| | | | Belt, 1ft. Section | |
| G | | 369952 | Splice Clip | |
| H | | 370678 | Drive Shaft | |
| I | | 369471 | Roll Pin Digital Models Only For easyTouch Models see page 40 - 46 | R |
| J | | 370671 | Coupler (Metal W/Spring) Digital Models Only For easyTouch Models see page 40 - 46 | C |
| K | | 369223 | Crumb Pan, Left and Right | |

# Oven Stand
# Gas and Electric Models




| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 9002507 | Stand Side | |
| B | | 370412 | Cross Support (with Welded Plate) | |
| C | | 369390 | Caster, 4" with Mounting Plate<br>(Used on Triple Stack Oven Base Only) | |
| D | | 369231 | Caster, 4" Stem Mount | |
| E | | 369232 | Adjustable Leg, Stem Mount | |
| F | | 369234 | Hexagon Bolt (1/4-20 X 2") (Fastens Cross Support to Side) | |
| G | | 369096 | Washer (1/4 X 1/2 X 1/16) | |
| H | | 2133001 | Acorn Nut (1/4-20) | |
| I | | 369233 | Hexagon Bolt (1/4-20 X 2 1/2") (Fastens Oven to Stand) | |

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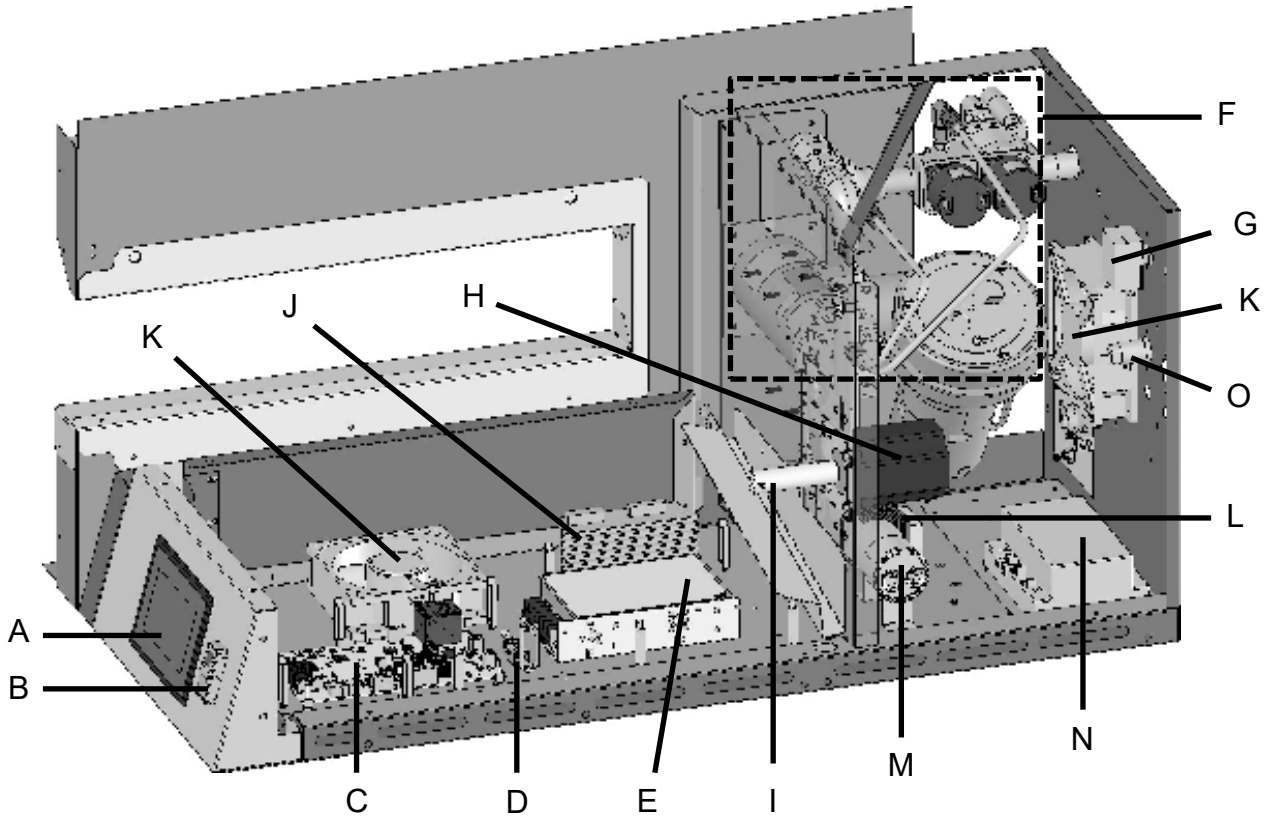
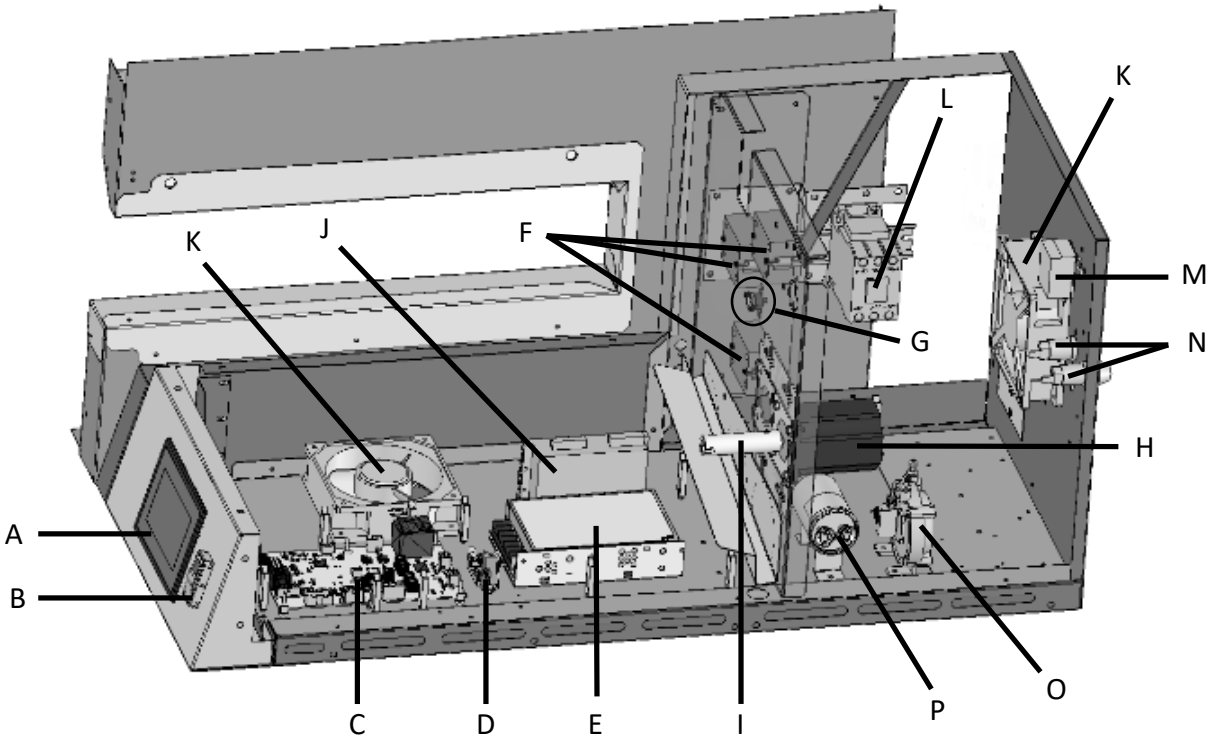
# 4.3" Touchscreen easyTouch Models 1116, 1117
# S/N 2106100101445 to Current



# 4.3" Touchscreen easyTouch Models 1116, 1117
# S/N 2106100101445 to Current

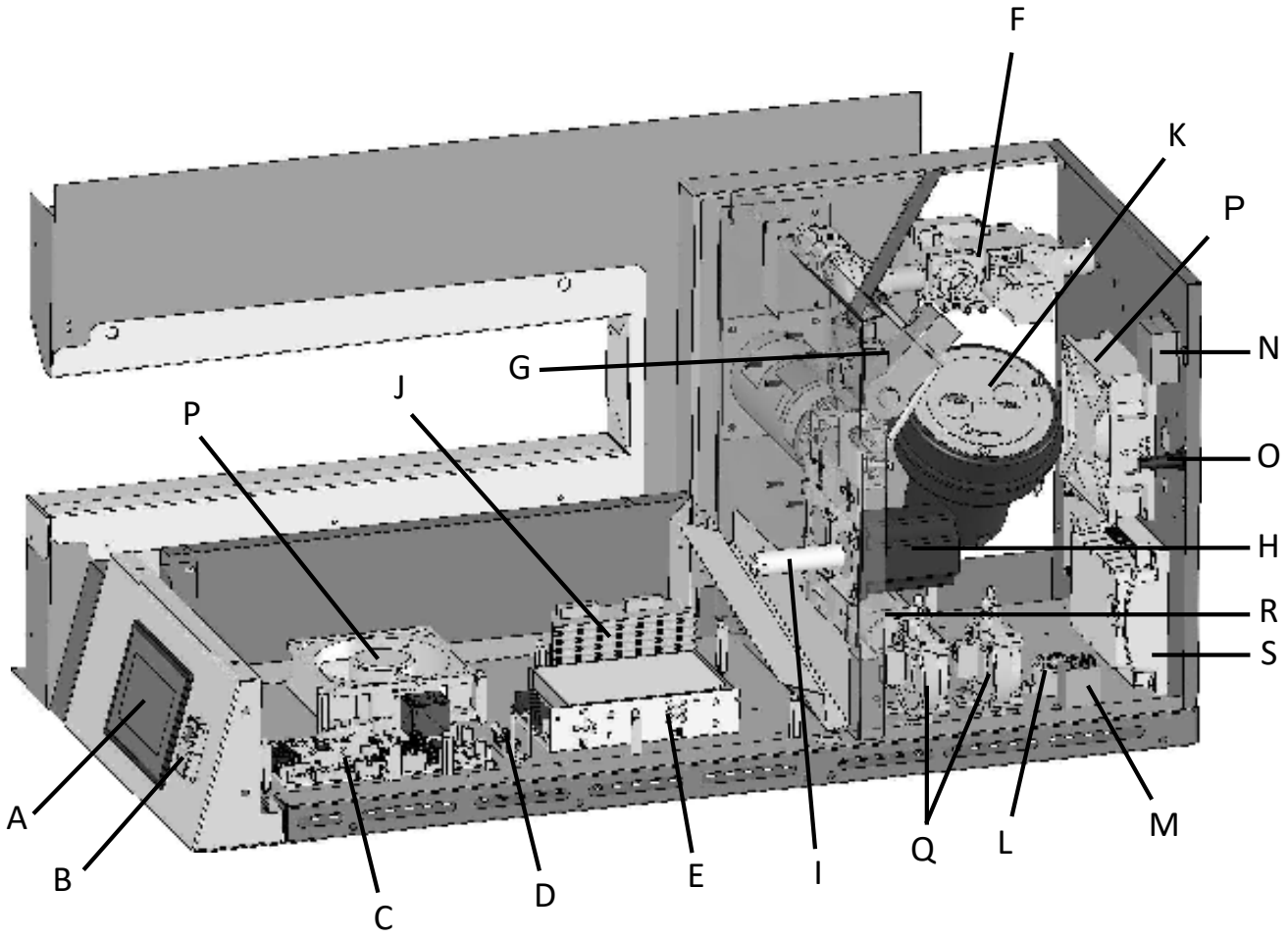
| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | CK4607662 | U/I Display, 4.3" | C |
| B | | 4600614 | Switch, On/Off | C |
| C | | CK4607663 | I/O Controller | C |
| D | | 4606033<br>2320700 | Fuse, 4A<br>Fuse Holder, 20A 600V 1/4 X 1 1/4 | C |
| E | | 4604751 | 24VDC Power Supply | R |
| F | | | See Gas Train and Burner on Page 16 - 17 | C |
| G | | 357067 | Thermostat, Oven Cavity High-Limit | C |
| H | | CK4607043 | Conveyor Motor, Stepper (Includes Drive Coupling) | C |
| I | | 4605555 | Coupling, Conveyor Drive | |
| J | | 4606821 | Drive Control, Conveyor Motor (Only if Previously Installed) | R |
| K | | 369124 | Cooling Fan (S/N 0809210000017 & Above) | C |
| L | | 9900250 | Transformer, 24VAC | C |
| M | | 371197 | Capacitor, Main Fan Motor, 15µF | C |
| N | | 369532 | Ignition Control Module | |
| Not Shown | | 369552 | Hot Surface Ignitor | R |
| Not Shown | | 370304 | Hot Surface Ignitor Connector Kit | R |
| O | | 369129 | Fuse Holder | |
| O | | 369166 | Fuse, 10A | |
| Not Shown | | 4606341 | Thermocouple, Type K | C |
| Not Shown | | 4607498 | UI to IO Cable | C |
| Not Shown | | 369331 | FINGER GUARD COOLING FAN COVER | C |

# 4.3" Touchscreen easyTouch Models 1130, 1131, 1132, 1133
# S/N 2104100102813 to Current



# 4.3" Touchscreen easyTouch Models 1130, 1131, 1132, 1133
# S/N 2104100102813 to Current

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | CK4607662 | U/I Display, 4.3" | C |
| B | | 4600614 | Switch, On/Off | C |
| C | | CK4607663 | I/O Controller | C |
| D | | 4606033<br>2320700 | Fuse, 4A<br>Fuse Holder, 20A 600V 1/4 X 1 1/4 | C |
| E | | 4604751 | 24VDC Power Supply | R |
| F | | 4605506 | SSR, 50A | C |
| G | | 4606389 | High Limit, Control Box | C |
| H | | CK4607043 | Conveyor Motor, Stepper (Includes Drive Coupling) | C |
| I | | 4605555 | Coupling, Conveyor Drive | |
| J | | 4606821 | Drive Control, Conveyor Motor (Only if Previously Installed) | R |
| K | | 369378 | Cooling Fan (S/N 0809210000017 & Above) | C |
| L | | 370379 | Contactor, Safety | C |
| M | | 357067 | Thermostat, Oven Cavity High-Limit | C |
| N | | 369166 | Fuse, 10A | |
| | | 369129 | Fuse Holder | R |
| O | | 370673 | Air Pressure Switch (Gold Tech) | |
| P | | 369192 | Capacitor, Main Fan Motor, 7.5µF | R |
| Not Shown | | 4606341 | Thermocouple, Type K | C |
| Not Shown | | 4607498 | UI to IO Cable | C |
| Not Shown | | 369331 | FINGER GUARD COOLING FAN COVER | C |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K
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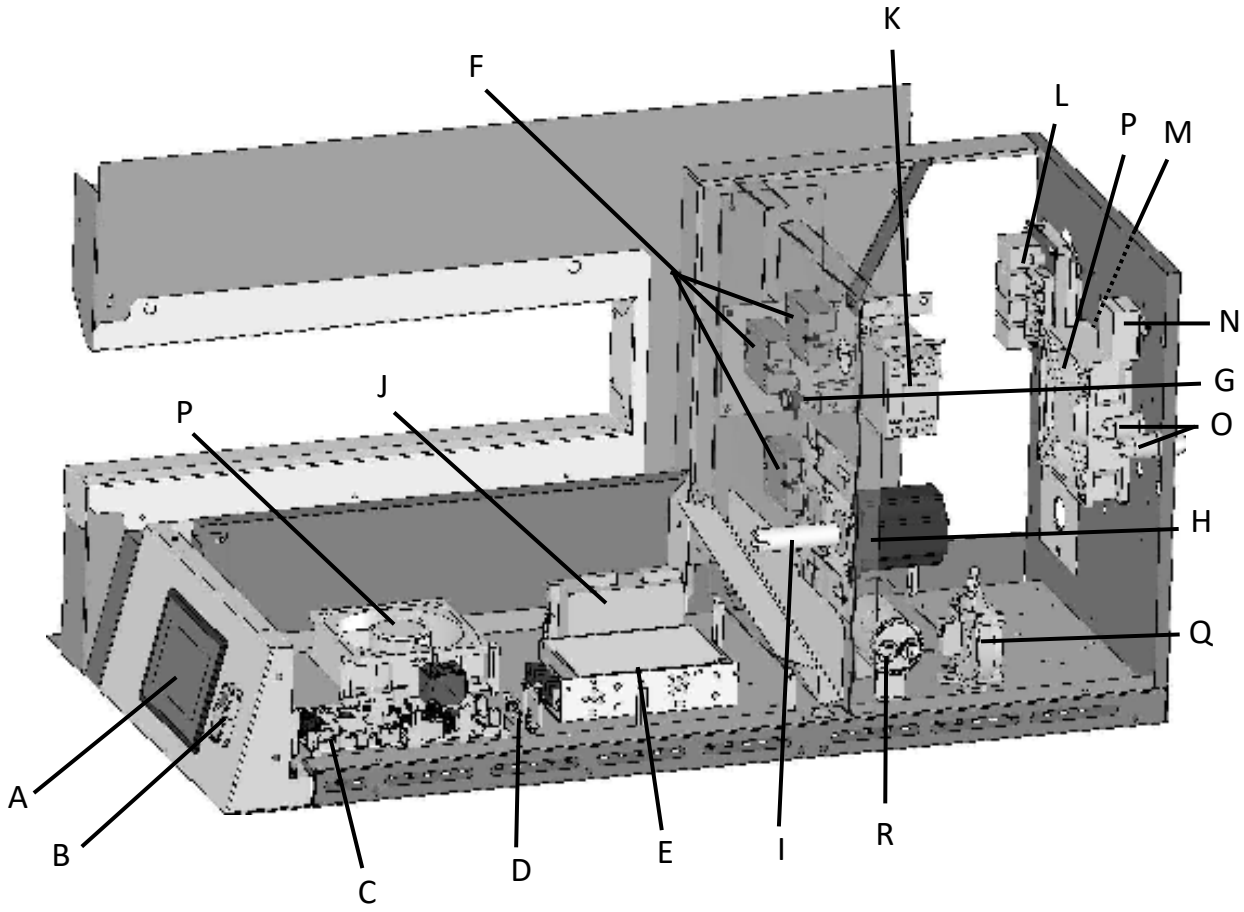
M

# easyTouch Gas Export Models 1154, 1155, 1157, 1158
# S/N: 2111100101008 and Above

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 4605882 | U/I Display, 4.3" | |
| B | | 4600614 | Switch, On/Off | |
| C | | 4604947 | I/O Controller | |
| D | | 4606033 | Fuse, 4A | |
| | | 2320700 | Fuse Holder, 20A 600V 1/4 X 1 1/4 | |
| E | | 4604751 | 24VDC Power Supply | |
| F | | 370400 | VALVE VK4115 A 1000 | |
| G | | 370186 | VALVE SOLENOID 220 | |
| H | | 4607043 | Conveyor Motor, Stepper (Includes Drive Coupling) | |
| I | | 4605555 | Coupling, Conveyor Drive | |
| J | | 4606821 | Drive Control, Conveyor Motor (Only if Previously Installed) | |
| K | | 369589 | MOTOR BLOWER BURNER | |
| | | 369399 | Air Shutter Assembly, Blower Motor | |
| L | | 4095021 | Alarm (250V Solid State) | |
| M | | 369422 | Relay | |
| N | | 369368 | THERMOSTAT, HIGH LIMIT | |
| O | | 369014 | FUSE 10 AMP | |
| | | 357107 | FUSE HOLDER | |
| P | | 369378 | COOLING MOTOR/FAN 230VAC | |
| | | 369331 | Fan Guard | |
| Q | | 370673 | AIRSWITCH PS100 GOLDTEC | |
| R | | 369192 | CAPACITOR 7.5 MFD, 370 VAC | |
| S | | 4604018 | IGNITION MODULE TECHRITE | |
| Not Shown | | 4606341 | Thermocouple, Type K | |
| Not Shown | | 4607498 | UI to IO Cable | C |
| Not Shown | | 369331 | FINGER GUARD COOLING FAN COVER | C |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# easyTouch Electric Export Model 1164
# S/N: 22011001000482 and Above

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| A | | 4605882 | U/I Display, 4.3" | |
| B | | 4600614 | Switch, On/Off | |
| C | | 4604947 | I/O Controller | |
| D | | 4606033 | Fuse, 4A | |
| | | 2320700 | Fuse Holder, 20A 600V 1/4 X 1 1/4 | |
| E | | 4604751 | 24VDC Power Supply | |
| F | | 4605506 | SSR, 50A | |
| G | | 4606389 | High Limit, Control Box | |
| H | | 4607043 | Conveyor Motor, Stepper (Includes Drive Coupling) | |
| I | | 4605555 | Coupling, Conveyor Drive | |
| J | | 4606821 | Drive Control, Conveyor Motor (Only if Previously Installed) | |
| K | | 370739 | Safety Contactor | |
| L | | 4603140 | 3 Phase Filter Assembly | |
| M | | 369331 | Fan Guard | |
| N | | 369368 | THERMOSTAT, HIGH LIMIT | |
| O | | 369166 | 10A Fuse | |
| | | 369129 | Fuse Holder | |
| P | | 369378 | COOLING MOTOR/FAN 230VAC | |
| Q | | 370673 | AIRSWITCH PS100 GOLDTEC | |
| R | | 371192 | Capacitor, 7.5MFD, 370 Volt, 50/60HZ, 90C | |
| Not Shown | | 4606341 | Thermocouple, Type K | |

# Wire Harnesses

**easyTouch Harness for Ovens Pg 40 - 46**

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| | | 4606892 | DC Harness Type 2  All easyTouch (Gas) | |
| | | 4606895 | High Voltage Gas Domestic 1116/17 | |
| | | 4606782 | High Voltage Gas Export 1154/55/57/58 | |
| | | 11010005837 | Techright Harness Gas Export 1154/55/57/58 | |
| | | 4606897 | Alarm Interlock 1157/58 ONLY | |
| | | 4605573 | DC Harness Type 1 All easyTouch (Electric) | |
| | | 4606894 | High Power Harness Single 1130/31 | |
| | | 4605575 | High Power Harness Delta 1132/33 | |
| | | 4606893 | High Power Harness 1164 | |
| | | 4605574 | High Voltage Domestic 1130/31/32/33 | |
| | | 4605576 | Aux Recepticle (1132) 1130/31/32/33 | |
| | | 4606899 | CORD SET 8.5" COOLING FAN ASSY | |
| | | 4606900 | CORD SET 35" COOLING FAN ASSY | |

**Digital Harness for Ovens Pg 4 - 38**

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| | | 11010005837 | WIRE HARNESS, IGNITION CONTROL,1154 | |
| | | 10001509 | WIRE HARNESS 1154080EA | |
| | | 11010005863 | WIRE HARNESS,1154,GAS,CE (TECHRITE) | |
| | | 11010005852 | CABLE ASSY., TECHRITE/ HONEYWELL VALVE | |
| | | 369577 | CONNECTOR BR 1/4TX1/8P | |
| | | 10001582 | WIRE HARNESS 1164-080-E | |
| | | 9910544 | WIRE HARNESS 1116-1117 | |
| | | 9910546 | WIRE HARNESS 1130, 1131, 1132, 1133 | |

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# Miscellaneous Items
# Gas and Electric Models

| LETTER | PHOTO | PART NUMBER | DESCRIPTION | CRITICAL / RECOMM. |
|---|---|---|---|---|
| | | 369668 | Label, Caution Hot | |
| | | 371417 | Conversion Kit, Mercury to SSR (Electric Ovens) | |
| | | 370129 | Domestic 1130, 1132 Conversion Kit, 208V to 240V (Electric Ovens) | |
| | | 370130 | Domestic 1131, 1133 Conversion Kit, 240V to 208V (Electric Ovens) | |
| | | 369874 | Domestic 1116 Natural to Propane Gas Conversion Kit | |
| | | 369875 | Domestic 1117 Propane to Natural Gas Conversion Kit | |
| | | 370307 | Export 1154 Natural to Propane Gas Conversion Kit | |
| | | 370308 | Export 1155 Propane to Natural Gas Conversion Kit | |
| | | 371537 | Export (1100 Korea ONLY) Natural to Propane Gas Conversion Kit | |

# Notes

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