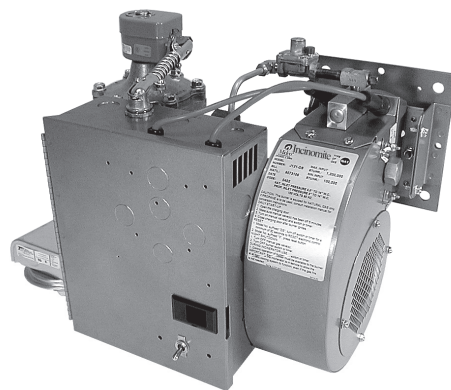


Replacement Parts List Incinomite Model J121-DS



*Installation and Service Manual - 8471 15
Date Code - 5099 or later*

- Features S87D Honeywell Electronic Control.
- First production December 21, 1999 (date code 5099).
- Model J121-DS ignitor assembly features an air adjustment screw to modify gas air ratios or improved pilot light off with air shutters full open.
- Model J121-DS Features S89E Special J121-DS with 120 volt ignition transformer (date coded - 2002)
- October 2021 burner construction can include Fenwal F-35-60 control (8429-04)



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AVOID ERROR IN PARTS SELECTION. When ordering use complete MIDCO Part Number and Description. Furnish Burner Model Number, Bill of Material Number and Serial Number (if available) from the specification plate found on the product.

IMPORTANT: Availability of parts as well as specifications are subject to change without notice. Please consult factory for item availability.



Parts List Incinomite J121-DS

| <i>Part #</i> | <i>Description</i> | <i>Part #</i> | <i>Description</i> |
|--|--|---|--|
| 5734-50 | Transformer 115/1/50-60 Primary, 24V-30VA Secondary (Basler BE121620-GDD, BE121620GAA; Prod Unit'd 4000-01C02J232, 4000-01C02K232, 4000-01M04K232, 4000-01M04J232) | 6481-70 | Ignitor Gas Inlet Block, Tube and Ignitor Tip Assembly -- J121-DS |
| 6416-90 | Inlet Ring and Screen Replacement Kit | 6481-90 | Ignitor Assembly - J121-DS |
| 6400-80 | Blower Housing Replacement Kit (order Blower Wheel, Motor, Shutters, Inlet Screen, Manifold, etc., separately) | 6622-40 | Input Adjuster Cap |
| 6401-90 | Shutter Replacement Kit | 8400-00 | Ignitor Regulator 1/8 NPT (Maxitrol RV12, RV12LT) |
| 6403-00 | Manifold | 8402-36 | 1" NPT Gas Valve 24/1/50-60 -- J121-DS (ITT K3A461S) |
| 6404-90 | Input Adjuster Screw Assembly | 8402-57 | 1", NPT Gas Valve 24V/60Hz, Orifice Size 1-5/8", ASCO Solenoid Valve |
| 6406-00 | Blast Tube - J121-DS | 8404-66 | 1-1/4" Ball Valve w/o Side Tap |
| 6407-30 | Flange Gasket | 8408-42 | 10 Positional Terminal Strip |
| 6407-90 | Mounting Flange Replacement Kit (order Gasket separately) | 8408-76 | 3-Amp Type 3AG Glass Fuse -- 1/4" Dia. x 1-1/4" LG |
| IGNITOR CONTROL PIPING | | | |
| Assembly includes Brass Orifice Tee (with drilled Orifice) Pressure Tap, Regulator and Compression Fitting | | | |
| 6412-96 | J121-DS NATURAL -- #50 Drill (.070) | 8423-05 | On-Off Toggle Switch |
| 6412-98 | J121-DS PROPANE -- #52 Drill (.063) | 8425-18 | Thermal Switch (T-O-D 60T-13-203420) |
| 6413-09 | Ground Barrier Kit | 8425-19 | Blower Air Switch -- J121-DS |
| 6415-00 | Blower Wheel - J121-DS | 8429-03 * | DSI Electronic Control Board (MH S87D1087) |
| 6416-90 | Inlet Ring and Screen Kit | 8249-04 * | Direct Spark Ignition Controller (F-35-605501-003) |
| 6417-52 | Main Gas Port and Tube Kit -- J121-DS PROPANE | 8429-31 * | DSI Electronic Control Board (MH S87K1016) |
| 6417-54 | Main Gas Port and Tube Kit -- J121-DS NATURAL | 8445-25 | Door Latch |
| 6418-00M | Electrode (spark or flame) - 2 required | 8429-48 * | DSI Electrical Control Board (MH S89E1058) |
| 6443-50 | Motor 1/6 HP 115/230/1/50/60 TENV -- J121-DS only | 8447-22 ^{1,2} | Ignitor Spark Generator |
| 6447-00 | Input Stop Nipple | 8450-59 | Input Adjuster Sealing Gasket |
| 6458-03 | J121-DS Spark Wire Assembly | 2030801 ¹ | PROPANE Conversion Kit -- J121-DS |
| 6458-04 | J121-DS Sense Wire Assembly | Not Shown | |
| 6458-51 | Electric Wires, Boots and Strain Reliefs (J121-DS Standard Only) | 5233-95 ^{1,2} | J121-DS Sense Wire Assembly - (S89E Only) |
| 6458-53 | Electric Wires, Boots and Strain Reliefs (Fenwal) | * For proper electronic control selection refer to Bill of Material Number on the burner spec plate and consult factory, as they are not interchangeable. | |

NOTATIONS:

¹ Not Illustrated.

² Used on J121-DS with S89E control Only.

Incinomite J121-DS Parts List

