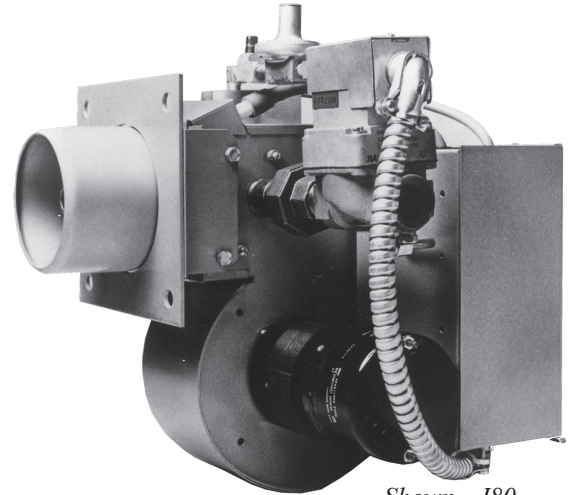


Replacement Parts List

Incinomite Model J40-DS, J80-DS, J80-3, J120-3



Shown - J80

Installation and Service Manual

8470-05 For Models J80 and J81-DS - Obsolete document

8448-60 For Models Incinomites (IN20) - Obsolete document
Date coded 272 through 979

First construction early 1972.
Supersedes "H" Series Incinomite

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

MODEL J40-DS

- Discontinued December 1, 1977 (date code 4877).

MODEL J80-DS

- Featured 05-13 Fenwal Control with non-replaceable pigtail fuse.
- Discontinued November 2, 1983 (date code 4483).
- Superseded by Model J81-DS which features an 05-14 Fenwal Control with Manual Reset Circuit Breaker, and a modified Terminal Strip.

MODEL J80-3 & J120-3

- Superseded by Models J81-3 and J121-3 in early 1984 to reflect a change in the Terminal Board wiring and Terminal designation.

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



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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.

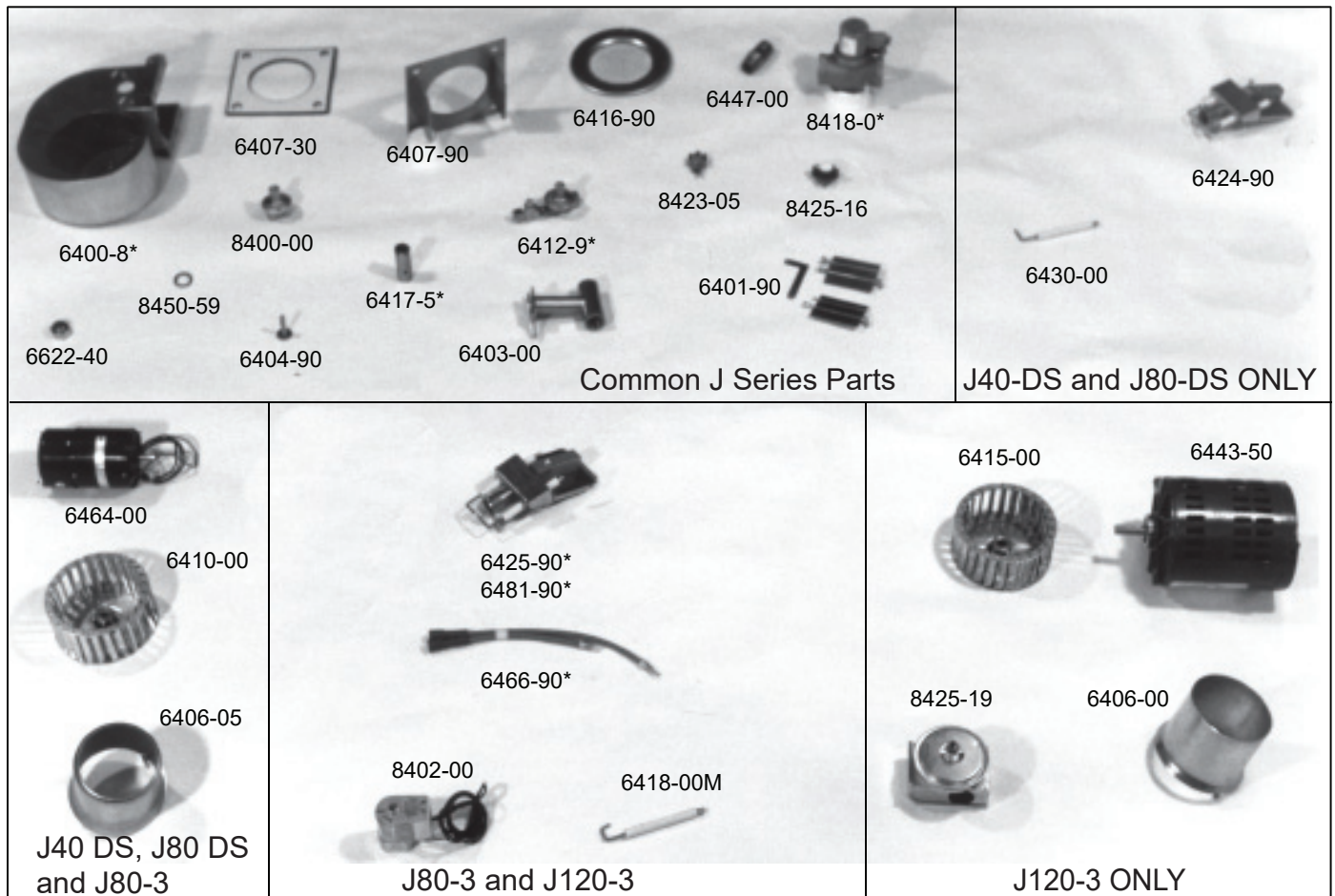
IMPORTANT: Availability of parts as well as specifications are subject to change without notice. Please consult factory for item availability.

As an ISO 9001 certified company, we proudly design, manufacture and assemble our products in Chicago, Illinois, USA.

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Incinomite J40 DS, J80-DS and J80-3 Parts



* Refer to Listing for proper application

Part #	Description
6400-80	J40/80 Blower Housing Replacement Kit (order Blower Wheel, Motor, Shutters, Inlet Screen, Manifold, etcetera, separately)
6400-85	J120 Blower Housing Replacement Kit (order Blower Wheel, Motor, Shutters, Inlet Screen, Manifold, et cetera, separately)
6401-90	Shutter Replacement Kit
6403-00	Manifold
6404-90	Input Adjuster Screw Assembly
6405-00 ¹	Ignitor Gas Inlet Block, Tube and Ignitor Tip Assembly—J40/80
6406-00	Blast Tube -- J120
6406-05	Blast Tube -- J40/80
6407-30	Flange Gasket
6407-90	Mounting Flange Replacement Kit (order Gasket separately)
6410-00	Blower Wheel -- J40/80

Part #	Description
IGNITOR CONTROL PIPING ²	
Assembly includes Brass Orifice tee (Orifice), Pressure Tap, Regulator and Compression Fitting	
6412-95	J40/80 NATURAL -- #55 Drill (.052)
6412-96	J120 NATURAL -- #50 Drill (.70)
6412-97	J40/80 PROPANE -- #58 Drill (.042)
6412-98	J120 PROPANE -- #52 Drill (.063)
6413-09 ¹	Ground Barrier -- J80/J120-3
6415-00	Blower Wheel -- J120
6416-90	Inlet Ring and Screen Replacement Kit
6417-50 ³	Main Gas Port and TubeKit -- J40 NATURAL
6417-52 ³	Main Gas Port and Tube Kit -- J80 NATURAL
6417-54 ³	Main Gas Tube Kit -- J120 NATURAL
6418-00M	Electrode (spark or flame rod) -- 2 required -- J80/J120-3

Incinomite J40 DS, J80-DS and J80-3 Parts

<i>Part #</i>	<i>Description</i>	<i>Part #</i>	<i>Description</i>
6421-59 ¹	Ignitor Tubing Kit -- J40/80-DS	6622-40	Input Adjuster Cap
6424-90	Ignitor Assembly -- J40/80-DS	8400-00	1/8 NPT Ignitor Regulator (Maxitrol RV10)
6425-90	Ignitor Assembly -- J80-3	8402-00	1/8 NPT Ignitor Solenoid Valve -- 120/1/60
6430-00	Electrode -- 2 required -- J40/80-DS	8418-01	Gas Valve 3/4" -- J80 (GC K40AC252, K3A452B; M-H V4249A; PENN Baso H91LA-7; W-R 2509A266)
6443-50 ⁵	Motor -- J120 (GE 5KH33DG1021Y, 5KH33DN199Y; Marathon P48S34D217A) (Instruction Bulletin 8470-32 is included)	8418-03	Gas Valve 1" -- J120 (GC K40AC362, K3A462B; M-H V4036A; PENN Baso H91MA-1; W-R 2509A258)
6447-00	Input Stop Nipple	8423-05	On-Off Toggle Switch
6464-00	Motor -- J40/80 (Singer AK-5119AX; Franklin 8213910302, 8253910282, 8353910282; Universal JA2PO22N#, JA2PO85NV#)	8425-18 ¹	Thermal Switch (ESSEX 403-46; T-O-D 60T-13-203125, 60T-13-203420)
6466-90	Electrode Wires, Boots and Strain Reliefs—J80/J120-3	8425-19	Blower Air Switch (Chgo. Saf. Prod. #SMP; Tridelta #FP4039)
6481-70 ^{1,4}	Ignitor Gas Inlet Block, Tube and Ignitor Tip Assembly—J121A-3	8450-59	Input Adjuster Sealing Gasket
6481-90 ^{1,4}	Ignitor Assembly—J121A-3		

NOTES

1. Not illustrated.
2. IGNITOR CONTROL PIPING: The piping arrangement was modified in production January 1986 (date code 486) to feature a stronger, more readily available Ignitor Orifice Tee. Ignitor Orifice Tees will no longer be available as a separate item. If an Ignitor Orifice Tee is required, order a complete Ignitor Control Piping. The new arrangement is adaptable to all existing burners.
3. MAIN GAS PORT (sometimes referred to as NOZZLE INSERT): Late December 1985, the method of securing the Main Gas Port to the Manifold was modified to include a right angle mounting bracket. The bracket permits securing the Main Gas Port through the Blast Tube opening. Previously the Manifold or Blast Tube had to be removed for access. All replacement Main Gas Ports now include the bracket and are adaptable to all existing burners.
4. In 1993 MIDCO modified the J121 Ignitor Assembly by adding an Air Adjustment Screw which can be used to modify gas/air ratios. The Ignitor Assembly as shipped is pre-set during factory assembly and normally needs no adjustment except in installations where air shutters are full open. Replacement Ignitor Assemblies will be identified as J121A-3 and will include Service Bulletin (8470-85) describing adjustment procedure.
5. Up to September 1993, a single voltage 115V motor was standard construction. After that date, a dual voltage 115/230V motor became standard construction. Replacement motor will be dual voltage.

Incinomite J40 DS, J80-DS and J80-3 Parts

