

# BURNERS

## Oil Burners



115 / 230 Volt

- .75 to 3 GPH firing rates
- Solid state ignition (Low Amp)
- High volume 6-1/4" blower on 220V unit, 5-3/16" blower on 110V unit
- 3450 RPM pump/blower motor
- "A" – type SUNTEC fuel pump
- 3-3/4" air tube with adjustable flange for maximum versatility
- UL recognized



12 Volt

- 12 Volt solid state ignitor
- 3450 RPM fuel pump
- .5 to 2.75 GPH Capacity with oil valve



| Part No.           | Original No.   | Description                 |
|--------------------|----------------|-----------------------------|
| <b>8.709-317.0</b> | <b>307000</b>  | 115V AC Burner w/ Oil Valve |
| <b>8.709-318.0</b> | <b>307003</b>  | 230V AC Burner w/ Oil Valve |
| <b>8.709-319.0</b> | <b>307007*</b> | 12V DC Burner w/ Oil Valve  |

\*Proper operation requires an engine with 16+ Amp alternator and deep cycle battery on nightly, overnight recharge

## Wayne Burner Chart

| Part No.           | Description | Ignitor                           | Transformer           | Motor                                                                     | Blower Wheel                                                                                                                  | Fuel Pump             | Solenoid Valve        | Electrode Assembly    | Tune Up Kit                                                                                     |
|--------------------|-------------|-----------------------------------|-----------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-------------------------------------------------------------------------------------------------|
| <b>8.709-317.0</b> | Wayne 115V  | 8.700-802.0<br>079111             | 8.700-804.0<br>079115 | 8.701-095.0<br>079612                                                     | 8.700-730.0<br>079005                                                                                                         | 8.700-749.0<br>079030 | 8.700-779.0<br>079062 | 8.700-770.0<br>079052 | 8.700-774.0<br>079056                                                                           |
| <b>8.709-318.0</b> | Wayne 220V  | N/A<br>N/A                        | 8.700-809.0<br>079123 | 8.701-094.0<br>079611                                                     | 8.700-731.0<br>079006                                                                                                         | 8.700-749.0<br>079030 | 8.700-780.0<br>079063 | 8.700-770.0<br>079052 | 8.700-774.0<br>079056                                                                           |
| <b>8.709-319.0</b> | Wayne 12V   | 8.700-807.0<br>079120<br>Includes | N/A<br>N/A            | 8.700-739.0-FASCO<br>079021<br><br>8.700-740.0-MET<br>to FASCO<br>079021X | 8.700-727.0-<br>(079003)FASCO<br><br>2.44"Wx2.53"T<br>5/16" shaft<br>8.700-728.0 (079003A)<br>MET 3.44"Wx4.25"T<br>1/2" shaft | 8.700-749.0<br>079030 | 8.700-782.0<br>079064 | 8.700-770.0<br>079052 | 8.700-774.0<br>079056<br>with<br>8.700-721.0<br>coupling for<br>converting from<br>MET to FASCO |

NOTE: 8.700-721.0 - Coupling for 8.700-740.0 FASCO motor used on MET to FASCO converted burner

8.700-720.0 - Adaptor Bushing to allow MET blower wheel to work with FASCO motor

8.700-740.0 - Conversion Kit - Use MET to FASCO conversion kit if 12V burner motor cannot be identified. The kit contains the following parts: 8.700-739.0 Motor; 8.700-720.0 Adaptor bushing; 8.700-682.0 Adaptor Plate; 8.700-721.0 Coupling; 8.700-691.0 Screws (2); 8.700-104.0 Nuts

## Blower Wheel



| Part No.           | Original No.   | Wayne Part No. | Description       |
|--------------------|----------------|----------------|-------------------|
| <b>8.700-730.0</b> | <b>079005</b>  | 20288/SER      | 5-3/16" x 3-7/16" |
| <b>8.700-731.0</b> | <b>079006</b>  | 21854/SER      | 6-1/4" x 4-3/16"  |
| <b>8.700-726.0</b> | <b>078999</b>  | 20673          | 4-1/4" x 3-1/8"   |
| <b>8.700-727.0</b> | <b>079003</b>  | 21427/SER3     | 12V (Fasco)       |
| <b>8.700-728.0</b> | <b>079003A</b> | 21427          | (MET)             |

## Wayne Burner Parts



| Part No.           | Original No.  | Wayne Part No.         | Description                                        |
|--------------------|---------------|------------------------|----------------------------------------------------|
| <b>8.700-774.0</b> | <b>079056</b> | 31156                  | Wayne Burner Tune-up Kit                           |
| <b>8.700-770.0</b> | <b>079052</b> | 14733-001<br>14734-002 | Electrode Assembly (Pair) with Buss Bars – G shape |
| <b>8.700-743.0</b> | <b>079024</b> | 12945                  | Buss Bar – G shape                                 |
| <b>8.700-754.0</b> | <b>079034</b> | 14344                  | Burner Gasket                                      |
| <b>8.700-692.0</b> | <b>078785</b> | 12484                  | Universal Gasket                                   |
| <b>8.700-735.0</b> | <b>079014</b> | 4725                   | Burner Housing (E-Series)                          |
| <b>8.700-736.0</b> | <b>079016</b> | 2689                   | Burner Flange "F"                                  |
| <b>8.700-776.0</b> | <b>079059</b> | 13279                  | Flex Coupler A Fuel Unit                           |
| <b>8.700-777.0</b> | <b>079060</b> |                        | Coupler End (J Pump 7/16")                         |
| <b>8.700-733.0</b> | <b>079010</b> | 13360                  | Trans Clip Screw                                   |
| <b>8.700-734.0</b> | <b>079011</b> | 13038                  | Trans Clip                                         |
| <b>8.700-729.0</b> | <b>079004</b> | 2668                   | Outer Air Band (8 Hole)                            |
| <b>8.700-732.0</b> | <b>079007</b> | 2669                   | Inner Air Band (8 Hole)                            |
| <b>8.700-714.0</b> | <b>078979</b> | 31702-014              | Gun Assy, F/307007                                 |
| <b>8.700-680.0</b> | <b>078752</b> |                        | Nozzle Adapter w/legs MSR/DC                       |

## Common Parts - Beckett & Wayne



Oil Line



Brass Elbow

| Part No.           | Original No.  | Description                             |
|--------------------|---------------|-----------------------------------------|
| <b>8.701-054.0</b> | <b>079526</b> | Oil Line, 6.5", Copper                  |
| <b>9.802-667.0</b> | <b>079058</b> | Oil Line, 8", Copper                    |
| <b>8.701-053.0</b> | <b>079525</b> | Oil Line, 9.5", Copper                  |
| <b>8.700-784.0</b> | <b>079066</b> | Brass 90° Elbow 1/8" flare, 1/8" MPT    |
| <b>8.700-785.0</b> | <b>079067</b> | Brass 90° Elbow 3/16 flare, 1/8" MPT    |
| <b>8.700-738.0</b> | <b>079020</b> | Oil Pressure Gauge 0 - 200 PSI          |
| <b>8.700-768.0</b> | <b>079051</b> | (28737-1) Nozzle Adapter                |
| <b>8.705-063.0</b> | <b>140150</b> | Straight Thru Double Nipple 1/8" x 1/8" |