



makes a difference

ClearFire

Pressure Washer Burners



Kärcher's Clear**Fire** oil burners lead in performance, reliability and efficiency. Exclusive features provide a durable, maintenance-free package. Designed for harsh environments, these burners are built to last, providing years of trouble-free service.

see next page for details

Kärcher Clear-Fire Burners



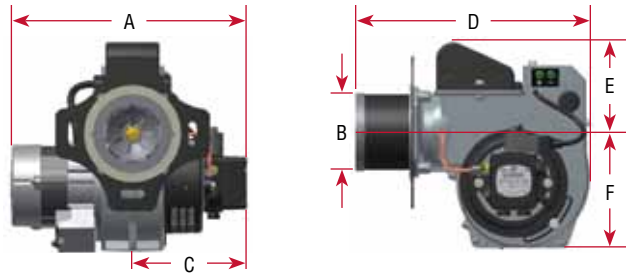
Clear-Fire oil burners by Kärcher are a leader in performance, reliability, and energy efficiency. Industry exclusive features provide a durable, maintenance free package. Designed especially for the harsh environment of the pressure washer industry, these burners are built to provide years of trouble-free service.



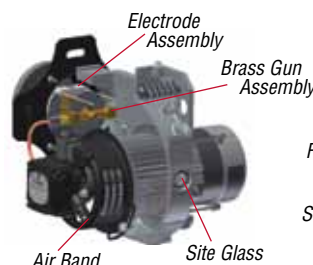
- 0.75 to 3.0 GPH
- 56,000 TO 420,000 BTU's
- Exceptional performance even at low GPH for a wide range of applications
- Easy to service due to overall simple ease of making adjustments and overall design
- Sight glass for viewing spark, ignition, and fan provides at-a-glance performance monitoring of inside of burner
- Solid State, high output ignitors for better ignition
- Power and ignition indicator lights show that burner is working
- Corrosion-free die cast aluminum fan housing with slide-in guide for forged brass gun assembly
- Dependable Suntec fuel pumps are the best in the industry
- Forged brass gun assembly with self-aligning electrodes for reliable ignition
- Water-tight electrical box with numbered terminal strip for quick and easy installation
- Fuel options include No. 1 or 2 heating oil, No. 1 or 2 diesel fuel or Kerosene
- ETL Listed to UL and CSA Safety Standards

Dimensions in inches

| | A | B | C | D | E | F |
|----------------------------|-------|-----|------|------|-----|-----|
| Horizontal | 12.25 | 3.0 | 5.75 | 13.0 | 3.0 | 6.0 |
| Vertical w/ Danfoss | 11.60 | 3.0 | 5.10 | 10.3 | 3.0 | 6.0 |
| Vertical w/ Suntec | 12.25 | 3.0 | 5.75 | 10.3 | 3.0 | 6.0 |



| Part No. | Motor/Ignitor Voltage | Motor | Solenoid Voltage | Air Air Size | Firing Rate Min (GPH) | Firing Rate Max (GPH) | Tube Length |
|--|-----------------------|---|------------------|--------------|-----------------------|-----------------------|-------------|
| Horizontal Fired Burners, Suntec Fuel Pumps | | | | | | | |
| 8.918-916.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 24V | F22 | 2.0 | 3.0 | 3' |
| 8.918-914.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 24V | F12 | 1.25 | 2.0 | 3' |
| 8.918-913.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F22 | 2.0 | 3.0 | 3' |
| 8.918-915.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F12 | 1.25 | 2.0 | 3' |
| 8.918-920.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F4 | 0.75 | 1.25 | 3' |
| 8.918-917.0 | 230V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 24V | F22 | 2.0 | 3.0 | 3' |
| 8.918-918.0 | 230V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F22 | 2.0 | 3.0 | 3' |
| 8.918-919.0 | 12VDC | 1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound | 12-24V | F22 | 2.0 | 3.0 | 3' |
| Vertical Fired Burners, Suntec Fuel Pumps | | | | | | | |
| 8.918-907.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F6 | 0.5 | 3.0 | 1' |
| 8.918-908.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F22 | 2.0 | 3.0 | 1' |
| 8.918-909.0 | 230V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 230V | F22 | 2.0 | 3.0 | 1' |
| 8.918-912.0 | 230V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 12-24V | F22 | 2.0 | 3.0 | 1' |
| 8.918-910.0 | 12VDC | 1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound | 12-24V | F12 | 1.25 | 2.0 | 1' |
| 8.918-911.0 | 12VDC | 1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound | 12-24V | F22 | 2.0 | 3.0 | 1' |
| Vertical Fired Burners, Danfoss Fuel Pumps | | | | | | | |
| 8.918-902.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F22 | 2.0 | 3.0 | 1' |
| 8.918-901.0 | 120V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F6 | 0.5 | 3.0 | 1' |
| 8.918-903.0 | 230V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 120V | F22 | 2.0 | 3.0 | 1' |
| 8.918-904.0 | 230V | 1/6 HP, 3540 RPM, Continuous-Duty, Split-Phase, Capacitor Start | 230V | F22 | 2.0 | 3.0 | 1' |
| 8.918-905.0 | 12VDC | 1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound | 12-24V | F12 | 1.25 | 2.0 | 1' |
| 8.918-911.0 | 12VDC | 1/7 HP, 3450 RPM, Continuous-Duty, Shunt-Wound | 12-24V | F22 | 2.0 | 3.0 | 1' |



Kärcher Clear-Fire Replacement Parts

| Part No. | Description |
|-------------|--|
| 8.918-050.0 | Burner Housing Assembly |
| 8.700-758.0 | Suntec Fuel Pump, 12-24V Sol |
| 8.700-759.0 | Suntec Fuel Pump, 120V Sol |
| 8.700-760.0 | Suntec Fuel Pump, 230V Sol |
| 8.753-000.0 | Danfoss Fuel Pump |
| 8.750-762.0 | Danfoss Solenoid Coil, 230V |
| 8.750-763.0 | Danfoss Solenoid Coil, 120V |
| 8.750-764.0 | Danfoss Solenoid Coil, 12-24V |
| 8.750-517.0 | Burner Motor, 1/6 HP, 115V, 60Hz Emerson |
| 8.750-518.0 | Burner Motor, 1/6 HP, 230V, 60Hz Emerson |
| 8.751-074.0 | Burner Motor, 1/7 HP, 12VDC, Ametek |
| 8.750-543.0 | Flex Coupling, 1/2" x 5/16" |
| 8.750-073.0 | Flex Coupling, 5/16" x 5/16" |
| 8.750-520.0 | Fan, 1/2" Bore |

| Part No. | Description |
|-------------|--|
| 8.751-072.0 | Fan, 5/16" Bore |
| 8.750-547.0 | Connector, 37 Degree Flare, 1/8" NPT, Long |
| 8.750-545.0 | Connector, 37 Degree Flare, 1/8" NPT |
| 8.749-000.0 | Fuel Line Assembly |
| 8.750-539.0 | Gasket, flange |
| 8.750-526.0 | Gun, Electrode / Nozzle, 3" |
| 8.750-525.0 | Gun, Electrode / Nozzle, 1" |
| 8.750-778.0 | Electrode Ignition |
| 8.919-114.0 | Burner Ignitor, 120V |
| 8.919-115.0 | Burner Ignitor, 230V |
| 8.919-116.0 | Burner Ignitor, 12VDC |
| 8.918-454.0 | Junction Box Gasket |
| 8.750-542.0 | Junction Box Cover |

115 / 230 Volt Oil Burners



- .4 to 3 GPH firing rate
- 6-1/4" Blower fan 115V and 230V
- 3450 RPM Pump/blower motor
- Solid state ignition
- Beckett "CleanCut" fuel pump with oil valve
- Air tube 2-3/4"
- UL recognized



| Part No. | Original No. | Description |
|-------------|--------------|-----------------|
| 8.709-325.0 | 307032 | Beckett AFG 115 |
| 8.709-326.0 | 307036 | Beckett AFG 230 |

Beckett Burner Chart

| BURNER | | | | MOTOR | | | BLOWER WHEEL | | | IGNITOR ASSEMBLY | | |
|-------------|----------|----------------------------|-----------|-------------|----------|-----------|--------------|----------|-----------|------------------|----------|-----------|
| Part No | Orig. No | Description | Becket No | Part No | Orig. No | Becket No | Part No | Orig. No | Becket No | Part No | Orig. No | Becket No |
| 8.709-326.0 | 307036 | AFG / 240Vac | VMG202 | 9.802-635.0 | 079608 | 21174U | 9.802-649.0 | 079517 | 2999U | 8.751-780.0 | | 519970U |
| 8.709-325.0 | 307032 | AFG / 120Vac | VMG902 | 9.802-642.0 | 079602 | 21805U | 9.802-649.0 | 079517 | 2999U | 9.802-647.0 | 079669 | 51771U |
| 8.709-327.0 | 307059 | ADC / 13.5Vdc- W/O ICB* | VMG504 | 9.802-638.0 | 079613 | 52145U | 9.802-636.0 | 079518 | 2999AU | 8.751-784.0 | | 521830U |
| 8.709-328.0 | 307061 | ADC / 13.5Vdc- W/ICB | VMG505 | 9.802-638.0 | 079613 | 52145U | 9.802-636.0 | 079518 | 2999AU | 8.751-784.0 | 079670 | 521830U |
| 8.717-071.0 | N/A | SM / 120V | HO1501 | 8.701-090.0 | 079604 | 2364U | 9.803-057.0 | 079515 | 2383U | 9.803-060.0 | 079682 | 51824U |
| 8.717-090.0 | N/A | SM / 240V | HO1301 | 8.701-093.0 | 079609 | 21344U | 9.803-057.0 | 079515 | 2383U | 8.751-781.0 | | 5199702U |

| BURNER | | | | FUEL PUMP | | | SOLENOID W/CORD SET | | | TUNE UP KIT | | |
|-------------|----------|----------------------------|-----------|-------------|----------|-----------|---------------------|----------|-----------|-------------|----------|-----------|
| Part No | Orig. No | Description | Becket No | Part No | Orig. No | Becket No | Part No | Orig. No | Becket No | Part No | Orig. No | Becket No |
| 8.709-326.0 | 307036 | AFG / 240Vac | VMG202 | 9.802-644.0 | 079642 | 2184403U | 8.900-082.0 | 079054X | N/A | 8.723-715.0 | N/A | 578730 |
| 8.709-325.0 | 307032 | AFG / 120Vac | VMG902 | 9.802-645.0 | 079641 | 2184405U | 8.900-081.0 | 079053X | N/A | 8.723-715.0 | N/A | 578730 |
| 8.709-327.0 | 307059 | ADC / 13.5Vdc- W/O ICB* | VMG504 | 9.802-562.0 | 079643 | 2184402U | 8.900-080.0 | 079050X | N/A | 8.723-715.0 | N/A | 578730 |
| 8.709-328.0 | 307061 | ADC / 13.5Vdc- W/ICB | VMG505 | 9.802-562.0 | 079643 | 2184402U | 8.900-080.0 | 079050X | N/A | 8.723-715.0 | N/A | 578730 |
| 8.717-071.0 | N/A | SM / 120V | HO1501 | 9.802-645.0 | 079641 | 2184405U | 8.900-081.0 | 079053X | N/A | 8.723-715.0 | N/A | 578730 |
| 8.717-090.0 | N/A | SM / 240V | HO1301 | 9.802-644.0 | 079642 | 2184403U | 8.900-082.0 | 079054X | N/A | 8.723-715.0 | N/A | 578730 |

* Ignition Control Board

BURNERS

14 Volt ADC Oil Burner



- 14 Volt solid state ignition
- 1/6 HP
- 3450 RPM
- 4-1/4" Fan
- Beckett "CleanCut" fuel pump with oil valve
- Max rate 2.5 GPH

| Part No. | Original No. | Description | Oil Valve | Electric Eye | Motor RPM |
|-------------|--------------|---------------|-----------|--------------|-----------|
| 8.709-327.0 | 307059 | Beckett 13.5V | Yes | - | 3450 |
| 8.709-328.0 | 307061 | Beckett 13.5V | Yes | Yes | 3450 |

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

Flex Couplings



| Part No. | Orig. No. | Beckett Part No. | Description |
|-------------|-----------|------------------|--------------------|
| 9.802-648.0 | 079520 | 2454 | 5/16 "A" - (AFG) |
| 9.803-058.0 | 079522 | 2433 | 5/16 "S" - (SF/SM) |
| 9.802-637.0 | 079524 | 2140501U | 12 - VDC ADC |

Genisys™ Contractor Tool



Advanced Burner Control, 120 Vac primary safety control for residential and light commercial oil burners.

| Part No. | Beckett Part No. | Description |
|-------------|------------------|-------------------------|
| 8.726-018.0 | 52082U | Genisys Contractor Tool |

Beckett Misc. Parts



| Part No. | Original No. | Beckett Part No. | Description |
|-------------|--------------|------------------|-------------------------|
| 8.701-056.0 | 079530 | 149 | Electrode Clamps (ALL) |
| 8.701-063.0 | 079542 | 5432 | Flange, w/ Gasket (ALL) |
| 8.723-912.0 | 079543 | 5850 | Flange, Split Uni A&S |
| 8.701-070.0 | 079560 | 3616 | Gasket, Universal AMF |
| 9.802-653.0 | 079562 | 3416 | Gasket, Unit Mtg |
| 9.802-671.0 | 079592 | 5877 | Burner Housing AFG/ADC |
| 8.701-085.0 | 079595 | 5717 (51400) | Knurled Nut Kit ADC |
| 8.701-134.0 | 079677 | 51304 | Transf Mtg Gasket AFG |
| 8.701-132.0 | 079674 | 31404 | Transformer Clip |
| 8.701-122.0 | 079654 | 7006U | Cadcell Flame det |
| 8.701-137.0 | 079684 | 7556A0000 | Primary Control, 14V DC |
| 8.701-133.0 | 079675 | 3245 | Transformer Spring |
| 8.701-106.0 | 079629 | AF90 | Air Tube w/o Head |
| 8.701-074.0 | 079573 | 5151501 | Air Band (3 x 92 AFG) |

Electrode / Insulator Assembly



| Part No. | Original No. | Beckett Part No. | Description |
|-------------|--------------|------------------|-----------------------|
| 9.802-668.0 | 079534 | 5780 | Std to 9" AFG, SM, SF |
| 8.717-978.0 | 079548 | 578728 | ADC |

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 |
|-------------|--------------|-----------------------------|
| 8.709-317.0 | 307000 | 115V AC Burner w/ Oil Valve |
| 8.709-318.0 | 307003 | 230V AC Burner w/ Oil Valve |
| 8.709-319.0 | 307007* | 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 |
|-------------|-------------|-----------------------------------|-----------------------|---|---|-----------------------|-----------------------|-----------------------|---|
| 8.709-317.0 | Wayne 115V | 8.700-802.0 079111 | 8.700-804.0 079115 | 8.701-095.0 079612 | 8.700-730.0 079005 | 8.700-749.0 079030 | 8.700-779.0 079062 | 8.700-770.0 079052 | 8.700-774.0 079056 |
| 8.709-318.0 | Wayne 220V | N/A N/A | 8.700-809.0 079123 | 8.701-094.0 079611 | 8.700-731.0 079006 | 8.700-749.0 079030 | 8.700-780.0 079063 | 8.700-770.0 079052 | 8.700-774.0 079056 |
| 8.709-319.0 | Wayne 12V | 8.700-807.0 079120 Includes | N/A N/A | 8.700-739.0-FASCO 079021 8.750-715.0-MET to FASCO 079021X | 8.700-727.0- (079003)FASCO 2.44" W x 2.53" T 5/16" shaft 8.700-728.0 (079003A) MET 3.44" W x 4.25" T 1/2" shaft | 8.700-749.0 079030 | 8.700-782.0 079064 | 8.700-770.0 079052 | 8.700-774.0 079056 with 8.700-721.0 coupling for converting from 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 | Shaft Size |
|-------------|--------------|----------------|-------------------|------------|
| 8.700-730.0 | 079005 | 20288/SER | 5-3/16" x 3-7/16" | 1/2" |
| 8.700-731.0 | 079006 | 21854/SER | 6-1/4" x 4-3/16" | 1/2" |
| 8.700-726.0 | 078999 | 20673 | 4-1/4" x 3-1/8" | 1/2" |
| 8.700-727.0 | 079003 | 21427/SER3 | 12V (Fasco) | 5/16" |
| 8.700-728.0 | 079003A | 21427 | (MET) | 1/2" |

Common Parts - Beckett & Wayne



Oil Line



Brass Elbow

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

Wayne Burner Parts



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

Burner Motors



48M
5.75" Dia



48N
7.25" Dia

| Part No. | Original No. | Capacitor | RPM | HP | Flange | Voltage | Wayne / Beckett | |
|------------------|--------------|-------------------------|------|-----|--------|-----------|-----------------|--|
| 9.802-642.0 | 079602 | Y | 3450 | 1/7 | 48M | 115V | 20627 / 21805U | |
| 9.802-635.0 | 079608 | | 3450 | 1/7 | 48M | 240V | 20892 / 21174U | |
| 8.700-739.0 | 079021 | | 4500 | 1/5 | 48M | 12VDC | 21993-005 / N/A | |
| 9.802-638.0 | 079613 | | 3450 | 1/7 | 48M | 13.5V | N/A / 52145U | |
| 8.701-090.0 | 079604 | | 3450 | 1/4 | 48N | 115V | N/A / 2364U | |
| 8.701-091.0 | 079605 | | 3450 | 1/4 | 48N | 12V | N/A / 52146U | |
| 8.701-093.0 | 079609 | Y | 3450 | 1/4 | 48N | 115/240V | N/A / 21344 | |
| 8.701-094.0 | 079611 | | 3450 | 1/5 | 48N | 240V | 21328 / 21173U | |
| 8.701-095.0 | 079612 | | 3450 | 1/5 | 48N | 115V | 20554 / 2900U | |
| 8.700-740.0 | 079021X | Kit, 12VDC/MET to Fasco | | | | | | |
| Universal | | | | | | | | |
| 8.700-741.0 | 079022 | | 3450 | 1/7 | 48M | 110-60 Hz | | |
| 8.700-744.0 | 079025 | | 3450 | 1/5 | 48N | 110/240V | Capacitor Start | |

Beckett Tune-Up Kit



Fits all Beckett Burners with 3" or 3-5/8" air tube

- Kit contains:
- 4-Becket Electrodes
 - 2-Couplings
 - 1-Fuel Line

| Part No. | Description |
|-------------|----------------------------|
| 8.723-715.0 | Beckett Burner Tune-up Kit |



Blower Wheels



| Part No. | Beckett Part No. | Description | Shaft Size |
|-------------|------------------|----------------------|------------|
| 9.803-057.0 | 2383U | 6-1/4" D x 3-7/16" W | 1/2" SF-SM |
| 9.802-649.0 | 2999U | 4-1/4" D x 2-1/2" W | 1/2" AFG |
| 9.802-636.0 | 21404 | 4-1/4" D x 2-7/16" W | 5/16" ADC |

BURNERS

CleanCut Fuel Pump



Simple design provides faster cleaning, more reliable cut offs, and cut ons. Cleaner operation-less soot. More reliable-fewer moving parts. Reduced motor load in start up. Higher capacity - 4 GPH at 100 PSI.



- 100-200 PSI - Factory set 100 PSI
- Inlet pressure 10 PSI
- Rated speed 3600 RPM
- Includes built in solenoid w/ cord set

| Part No. | Original No. | Description |
|-------------|--------------|--------------------------|
| 9.802-645.0 | 079641 | 110 Volt |
| 9.802-644.0 | 079642 | 220 Volt |
| 9.802-562.0 | 079643 | 12 Volt |
| 9.802-646.0 | 079690 | Valve Stern Kit (21877U) |

Fuel Pumps



- Use with single or dual line systems
- Pressure adjustment valve

| Part No. | Original No. | Suntec PN | GPH | RPM | Rotation |
|-------------------------------|--------------|---------------------------------------|-----|------|----------|
| Standard Pumps | | | | | |
| 8.700-749.0 | 079030 | A2VA7116 | 3 | 3450 | RH |
| 8.700-753.0 | 079033 | A2VC7118 | 3 | 3450 | LH |
| 8.700-756.0 | 079031 | A1YA7912 | 7 | 1725 | RH |
| 8.700-757.0 | 079037 | A2YA7916 | 7 | 3450 | RH |
| 8.700-748.0 | 079028 | A2RA7710 | | | RH |
| Pumps with Solenoid | | | | | |
| 8.700-758.0 | 079038 | A2VA3006-N221R w/12V | 4 | 3450 | RH |
| 8.700-759.0 | 079038-110 | A2VA3006-N621L w/110V | 3 | 3450 | RH |
| 8.700-760.0 | 079038-220 | A2VA3006-N721RS w/220V | 3 | 3450 | RH |
| Pump Replacement Parts | | | | | |
| 8.700-764.0 | 079044 | 3715732 Pump Fuel Screen (A2VA 7116) | | | |
| 8.700-772.0 | 079055 | 3715744 Pump Fuel Screen (A2AVA 7916) | | | |
| 8.700-765.0 | 079045 | 3779801 Gasket Cover | | | |

Danfoss Fuel Pump

| | | | | |
|-------------|----------|-----|------|----|
| 8.753-000.0 | 071N1298 | 3.0 | 3450 | RH |
|-------------|----------|-----|------|----|

Solenoid Coils

| Part No. | Description |
|-------------|-----------------------|
| 8.750-762.0 | Solenoid Coil, 230V |
| 8.750-763.0 | Solenoid Coil, 120V |
| 8.750-764.0 | Solenoid Coil, 12-24V |

Fuel Conditioner & Soot Remover

Red Devil eliminates soot buildup.

- Easy to use – just add to burner fuel
- Keeps burner at top efficiency
- 1 oz. per 10 gallons



| Part No. | Original No. | Description |
|-------------|--------------|--------------------|
| 8.704-625.0 | 112057 | Pint (16 oz) |
| 8.704-626.0 | 112059 | Quart |
| 8.719-158.0 | 9-4007 | Soot-O-Magic Stick |

Base Plates for Ignitors



| Part No. | Original No. | Description |
|-------------|--------------|--------------|
| 8.701-116.0 | 079644 | A, Trans/Ign |
| 8.701-117.0 | 079645 | S, Trans/Ign |
| 8.701-118.0 | 079646 | E, Trans/Ign |
| 8.701-119.0 | 079647 | M, Trans/Ign |

Burner Ignitors / Transformers



- Solid State Technology
- 14,000 Volt spark
- Only .35 Amp @ 110V
- 1.7 lbs

| Part No. | Original No. | Beckett Part No. | Mounting | Volt |
|-------------|--------------|------------------|----------------|-------|
| 9.802-647.0 | 79669 | 51771U | AFG/Lo Amp | 120V |
| 8.751-784.0 | | 521830 | ADC w/Cad Cell | 12VDC |
| 9.751-785.0 | | 5218303U | SDC w/Cad Cell | 12VDC |
| 9.803-060.0 | 79682 | 51824U | SM / SF | 120V |
| 8.751-780.0 | | 5199701U | AFG | 240V |
| 8.751-781.0 | | 5199702U | SM / SF | 12VDC |

Burner Transformers



- 10,000 Volt spark
- 2.2 Amp @ 120V
- 8.5 lbs
- FranceFormer



| Part No. | Original No. | Wayne Part No. | Mounting | Volt |
|-------------|--------------|----------------|-------------|------|
| 8.700-798.0 | 079105 | 23103/M | Back/MSR | 220V |
| 8.700-804.0 | 079115 | 23101/E | Side/EH-EHA | 120V |
| 8.700-806.0 | 079117 | 23101/M | Back/M-MSR | 120V |
| 8.700-809.0 | 079123 | 23103/E | Side/EH-EH | 230V |
| 8.700-810.0 | 079124 | 23103/FH | Side/FH | 120V |

Burner Ignitors



- Solid State Technology
- 14,000 Volt spark
- Only .35 Amp @ 120V
- 1.7 lbs



| Part No. | Orig. No. | Wayne Part No. | Mounting | Volt |
|-------------|-----------|----------------|-----------------------|------|
| 8.700-802.0 | 079111 | 101122/001 | Side/EH-EHA, France | 120V |
| 8.700-803.0 | 079113 | 101121/001 | Back/M-MSR, France | 120V |
| 8.700-800.0 | 079107 | 31813-002 | Side/EH-EHA, Allanson | 220V |
| 8.700-801.0 | 079109 | 31812-002 | Back/M-MSR | 220V |
| 8.700-807.0 | 079120 | 31812-003 | Rear Mount, Carlon | 12V |
| 8.700-820.0 | 079152 | 31813003 | Side Mount(E) | 12V |

Smoke Tester - Diagnostic Tool

The smoke tester gives you the ability to measure smoke (soot) density and adjust air flow and fuel pressure to optimize burner performance.



- A properly tuned burner:**
- Heats water more efficiently
 - Doesn't build up soot in the coil
 - Doesn't pollute the air
 - Keeps your customers happy
 - A tool that should be used by every serviceman in the industry.

| Part No. | Original No. | Description |
|-------------|--------------|----------------------|
| 8.712-507.0 | 449020 | Smoke Tester |
| 8.712-506.0 | 449019 | Filter Paper Refill* |

*40 sheet (10 tests per sheet)

12 VDC KIP Fuel Solenoid Valve



- Brass body
- 12V DC coil
- 1/8" FPT I/O ports
- Conduit connector
- 5/64" orifice = 6 watt

| Part No. | Original No. | Description |
|-------------|--------------|---------------------|
| 8.701-120.0 | 079652 | Fuel Solenoid Valve |

Gallons Per Hour Fuel Oil Chart

| Rate GPH @ 100 PSI | U.S. Gallons Per Hour No. 2 Fuel Oil | | | | | | | |
|--------------------|--|-------|-------|-------|-------|-------|-------|-------|
| | Operating Pressure: Pounds Per Square Inch | | | | | | | |
| | 125 | 140 | 150 | 175 | 200 | 250 | 275 | 300 |
| .40 | .45 | .47 | .49 | .53 | .56 | .63 | .66 | .69 |
| .50 | .56 | .59 | .61 | .66 | .71 | .79 | .83 | .87 |
| .60 | .67 | .71 | .74 | .79 | .85 | .95 | 1.00 | 1.04 |
| .65 | .73 | .77 | .80 | .86 | .92 | 1.03 | 1.06 | 1.13 |
| .75 | .84 | .89 | .92 | .99 | 1.06 | 1.19 | 1.24 | 1.30 |
| .85 | .95 | 1.01 | 1.04 | 1.13 | 1.20 | 1.34 | 1.41 | 1.47 |
| .90 | 1.01 | 1.07 | 1.10 | 1.19 | 1.27 | 1.42 | 1.49 | 1.56 |
| 1.00 | 1.12 | 1.18 | 1.23 | 1.32 | 1.41 | 1.58 | 1.66 | 1.73 |
| 1.10 | 1.23 | 1.30 | 1.35 | 1.46 | 1.56 | 1.74 | 1.82 | 1.91 |
| 1.20 | 1.34 | 1.42 | 1.47 | 1.59 | 1.70 | 1.90 | 1.99 | 2.08 |
| 1.25 | 1.39 | 1.48 | 1.53 | 1.65 | 1.77 | 1.98 | 2.07 | 2.17 |
| 1.35 | 1.51 | 1.60 | 1.65 | 1.79 | 1.91 | 2.14 | 2.24 | 2.34 |
| 1.50 | 1.68 | 1.77 | 1.84 | 1.98 | 2.12 | 2.37 | 2.49 | 2.60 |
| 1.65 | 1.84 | 1.95 | 2.02 | 2.18 | 2.33 | 2.61 | 2.73 | 2.86 |
| 1.75 | 1.96 | 2.07 | 2.14 | 2.32 | 2.48 | 2.77 | 2.90 | 3.03 |
| 2.00 | 2.24 | 2.37 | 2.45 | 2.65 | 2.83 | 3.16 | 3.32 | 3.46 |
| 2.25 | 2.52 | 2.66 | 2.76 | 2.98 | 3.18 | 3.56 | 3.73 | 3.90 |
| 2.50 | 2.80 | 2.96 | 3.06 | 3.31 | 3.54 | 3.95 | 4.15 | 4.33 |
| 2.75 | 3.07 | 3.25 | 3.37 | 3.64 | 3.90 | 4.35 | 4.56 | 4.76 |
| 3.00 | 3.35 | 3.55 | 3.67 | 3.97 | 4.24 | 4.74 | 4.97 | 5.20 |
| 3.25 | 3.63 | 3.85 | 3.98 | 4.30 | 4.60 | 5.14 | 5.39 | 5.63 |
| 3.50 | 3.91 | 4.14 | 4.29 | 4.63 | 4.95 | 5.53 | 5.80 | 6.06 |
| 3.75 | 4.19 | 4.44 | 4.59 | 4.96 | 5.30 | 5.93 | 6.22 | 6.50 |
| 4.00 | 4.47 | 4.73 | 4.90 | 5.29 | 5.66 | 6.32 | 6.63 | 6.93 |
| 4.50 | 5.04 | 5.32 | 5.51 | 5.95 | 6.36 | 7.11 | 7.46 | 7.79 |
| 5.00 | 5.59 | 5.92 | 6.12 | 6.61 | 7.07 | 7.91 | 8.29 | 8.66 |
| 5.50 | 6.15 | 6.51 | 6.74 | 7.27 | 7.78 | 8.70 | 9.12 | 9.53 |
| 6.00 | 6.71 | 7.10 | 7.35 | 7.94 | 8.49 | 9.49 | 9.95 | 10.39 |
| 6.50 | 7.26 | 7.69 | 7.96 | 8.60 | 9.19 | 10.28 | 10.78 | 11.26 |
| 7.00 | 7.82 | 8.28 | 8.57 | 9.25 | 9.90 | 11.07 | 11.61 | 12.12 |
| 7.50 | 8.38 | 8.87 | 9.19 | 9.91 | 10.61 | 11.86 | 12.44 | 12.99 |
| 8.00 | 8.94 | 9.47 | 9.80 | 10.58 | 11.31 | 12.65 | 13.27 | 13.86 |
| 8.50 | 9.50 | 10.06 | 10.41 | 11.27 | 12.02 | 13.44 | 14.10 | 14.72 |
| 9.00 | 10.06 | 10.65 | 11.02 | 11.91 | 12.73 | 14.23 | 14.93 | 15.59 |
| 9.50 | 10.60 | 11.24 | 11.64 | 12.60 | 13.44 | 15.02 | 15.75 | 16.45 |
| 10.00 | 11.18 | 11.83 | 12.25 | 13.23 | 14.14 | 15.81 | 16.58 | 17.32 |
| 10.50 | 11.74 | 12.42 | 12.86 | 13.89 | 14.85 | 16.60 | 17.41 | 18.19 |
| 11.00 | 12.30 | 13.02 | 13.47 | 14.55 | 15.56 | 17.39 | 18.24 | 19.05 |
| 12.00 | 13.42 | 14.20 | 14.70 | 15.88 | 16.97 | 18.97 | 19.90 | 20.79 |

BURNERS

Delavan Fuel Nozzles



| Part No. | Orig. No. | GPH |
|--------------------|---------------|-------------|
| 8.701-018.0 | 079477 | 2.00 x 60°W |
| 8.701-020.0 | 079479 | 1.65 x 80°W |
| 8.701-021.0 | 079480 | 1.50 x 80°W |
| 8.701-023.0 | 079481 | 1.75 x 80°W |
| 8.701-024.0 | 079482 | 2.00 x 80°W |
| 8.701-025.0 | 079483 | 2.25 x 80°W |

| Part No. | Orig. No. | GPH |
|--------------------|---------------|-------------|
| 8.701-026.0 | 079484 | 2.50 x 80°W |
| 8.701-028.0 | 079486 | 2.75 x 80°W |
| 8.701-029.0 | 079487 | 3.00 x 80°W |
| 8.701-031.0 | 079490 | 4.00 x 80°W |
| 8.701-039.0 | 079505 | 1.65 x 90°W |
| 8.701-032.0 | 079492 | 2.00 x 90°W |

NOTE: The above "W" Nozzles are Stocked - All Sizes Are Available

Select proper size for maximum burner efficiency.

| GPH | 60° A Hollow Part No | 60° A Hollow Orig No | 60° B Solid Part No | 60° B Solid Orig No | 70° A Hollow Part No | 70° A Hollow Orig No | 70° B Solid Part No | 70° B Solid Orig No | 80° A Hollow Part No | 80° A Hollow Orig No | 80° B Solid Part No | 80° B Solid Orig No | 90° A Hollow Part No | 90° A Hollow Orig No | 90° B Solid Part No | 90° B Solid Orig No |
|------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|
| .50 | 8.700-850.0 | 079225 | 8.700-868.0 | 079250 | 8.700-887.0 | 079275 | - | - | 8.700-911.0 | 079325 | - | - | - | - | 8.700-981.0 | 079400 |
| .60 | - | - | - | - | - | - | - | - | 8.700-912.0 | 079326 | 8.700-932.0 | 079351 | 8.700-960.0 | 079376 | - | - |
| .65 | 8.700-852.0 | 079227 | - | - | - | - | - | - | 8.700-913.0 | 079327 | 8.700-933.0 | 079352 | 8.700-961.0 | 079377 | - | - |
| .75 | - | - | 8.700-870.0 | 079253 | - | - | 8.700-896.0 | 079303 | 8.700-914.0 | 079328 | 8.700-934.0 | 079353 | 8.700-962.0 | 079378 | 8.700-982.0 | 079403 |
| .85 | 8.700-853.0 | 079229 | 8.700-871.0 | 079254 | - | - | - | - | 8.700-915.0 | 079329 | 8.700-935.0 | 079354 | - | - | 8.700-983.0 | 079404 |
| .90 | 8.700-854.0 | 079230 | 8.700-872.0 | 079255 | - | - | - | - | 8.717-333.0 | 900450 | 8.700-936.0 | 079355 | 8.700-963.0 | 079380 | - | - |
| 1.00 | 8.700-855.0 | 079231 | 8.700-873.0 | 079256 | 8.717-276.0 | 799516 | 8.700-897.0 | 079306 | 8.700-916.0 | 079331 | 8.700-937.0 | 079356 | 9.802-583.0 | 900451 | 8.700-984.0 | 079406 |
| 1.10 | 8.700-856.0 | 079232 | 8.700-874.0 | 079257 | - | - | - | - | 8.700-917.0 | 079332 | 8.700-938.0 | 079357 | 8.717-332.0 | 900449 | 8.700-985.0 | 079407 |
| 1.20 | 8.700-857.0 | 079233 | 8.700-875.0 | 079258 | 8.700-890.0 | 079283 | - | - | 8.700-918.0 | 079333 | 8.700-939.0 | 079358 | - | - | - | - |
| 1.25 | 8.700-858.0 | 079234 | 8.700-876.0 | 079259 | - | - | 8.700-899.0 | 079309 | 8.700-919.0 | 079334 | 8.717-350.0 | 900766 | 8.700-966.0 | 079384 | 8.700-986.0 | 079409 |
| 1.35 | 8.700-859.0 | 079235 | 8.700-877.0 | 079260 | - | - | 8.700-900.0 | 079310 | 9.802-584.0 | 900452 | 8.717-358.0 | 900784 | 8.700-967.0 | 079385 | 8.700-987.0 | 079410 |
| 1.50 | 8.717-328.0 | 900367 | 8.700-878.0 | 079261 | 8.717-278.0 | 799518 | - | - | 8.700-921.0 | 079336 | 8.717-351.0 | 900767 | 9.802-585.0 | 900650 | 8.700-988.0 | 079411 |
| 1.65 | 8.700-861.0 | 079237 | 8.700-879.0 | 079262 | - | - | - | - | 8.700-922.0 | 079337 | 8.700-943.0 | 900768 | 8.700-969.0 | 079387 | 8.700-989.0 | 079412 |
| 1.75 | 8.700-862.0 | 079238 | 8.700-880.0 | 079263 | 8.700-892.0 | 079288 | 8.700-903.0 | 079313 | 8.717-329.0 | 079338 | 8.717-352.0 | 900769 | 8.700-970.0 | 079388 | 9.802-575.0 | 079413 |
| 2.00 | 8.717-327.0 | 900270 | - | - | - | - | 8.700-904.0 | 079314 | 8.700-924.0 | 079339 | 8.717-353.0 | 900771 | 8.700-971.0 | 079389 | 9.802-576.0 | 079414 |
| 2.25 | 8.700-864.0 | 079240 | 8.700-881.0 | 079265 | - | - | 8.700-905.0 | 079315 | 8.700-925.0 | 079340 | 8.700-946.0 | 900773 | 8.700-972.0 | 079390 | 8.700-992.0 | 079415 |
| 2.50 | 8.700-865.0 | 079241 | 8.700-882.0 | 079266 | 8.700-893.0 | 079291 | - | - | 8.700-926.0 | 079341 | 8.700-947.0 | 900775 | 8.700-973.0 | 079391 | 9.802-586.0 | 079416 |
| 2.75 | 8.700-866.0 | 079242 | 8.700-883.0 | 079267 | - | - | - | - | 8.700-927.0 | 079342 | 8.717-330.0 | 900375 | 8.700-974.0 | 079392 | 8.700-994.0 | 079417 |
| 3.00 | - | - | - | - | 8.700-894.0 | 079293 | - | - | 8.700-928.0 | 079343 | 8.717-354.0 | 900777 | 8.700-975.0 | 079393 | 8.700-995.0 | 079418 |
| 3.25 | 8.700-867.0 | 079244 | - | - | 8.700-895.0 | 079294 | - | - | - | - | 8.700-950.0 | 079369 | 8.717-336.0 | 900454 | 8.700-996.0 | 079419 |
| 3.50 | - | - | 8.700-884.0 | 079270 | - | - | - | - | 8.700-929.0 | 079345 | - | - | 8.700-977.0 | 079395 | 8.700-997.0 | 079420 |
| 4.00 | - | - | - | - | - | - | - | - | 8.700-930.0 | 079346 | 8.700-952.0 | 079371 | 8.700-978.0 | 900456 | 8.700-998.0 | 079421 |
| 5.00 | - | - | - | - | - | - | - | - | - | - | 8.717-357.0 | 900783 | 8.700-979.0 | 079398 | - | - |
| 6.00 | - | - | - | - | - | - | - | - | - | - | 8.700-956.0 | 079374 | - | - | 8.701-000.0 | 079425 |
| 6.50 | - | - | - | - | - | - | - | - | - | - | 8.700-953.0 | 079372 | - | - | - | - |
| 7.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8.00 | - | - | - | - | - | - | 8.700-910.0 | 079324 | - | - | - | - | - | - | - | - |

"Snap" Fuel Nozzle Check Valve

Spring loaded "snap" check valve replaces filter element on fuel nozzle. Valve opens when fuel pump pressure reaches 130 PSI and "snaps" shut when fuel pressure drops below 130 PSI. Stops "smokey" burners at start up and eliminates "shut down" after burn.



- Reduces nozzle fouling caused by residual fuel in orifice
- Easy field installation in standard fuel nozzles
- Reduces soot build up in coil

| Part No. | Orig. No. | Description | PSI |
|--------------------|---------------|----------------------------|-----|
| 8.900-083.0 | 079210 | Snap Fuel Valve, | 100 |
| 8.900-084.0 | 079211 | Snap Fuel Valve, | 130 |
| 8.700-845.0 | 079215 | Snap Check Valve, (5 pack) | 130 |
| 8.700-844.0 | 079214 | Snap Check Valve, (5 pack) | 100 |

Nozzle Accessories



| Part No. | Orig. No. | Description |
|--------------------|---------------|--|
| 8.700-849.0 | 079221 | Nozzle Tray (Metal) (Open Top, 55-Compartment, Plastic) |

Complete Burner Rings

Complete burner rings used in Kärcher NG/LPG machines have been engineered from the ground up to provide superior heating and extended life.



| Part No. | Model No. | Jets Req'd |
|--------------------|------------------------------------|------------|
| 8.725-894.0 | Burner Ring Complete, X44, NG, #52 | 44 |
| 8.718-055.0 | Burner Ring Complete, X44, NG, #54 | 44 |
| 8.718-060.0 | Burner Ring Complete, X44, LP, #63 | 44 |

Old Style Burner Rings*

| | | |
|--------------------|------------------------------|----|
| 8.919-522.0 | Burner Ring, Square, NG, #54 | 48 |
| 8.919-523.0 | Burner Ring, Square, LP, #65 | 48 |

*Improved design!

Gas Burner Rings - NG or LP Gas Jets

The Standard for Gas-Fired Pressure Washers. Impinged Jet Burner Rings offer the most efficient utilization of gas for heating water.



Gas Burner Ring

| Part No. | Original No. | Model No. | Jets Req'd | 1000 BTUH |
|------------------------------|---------------|-----------|------------|-----------|
| Gas Burner Rings Only | | | | |
| 8.710-203.0 | 347502 | Z-21 | 20 | 100-200 |
| 8.710-204.0 | 347504 | X-11 | 32 | 160-320 |
| 8.710-207.0 | 347506 | X-44 | 44 | 220-440 |
| 8.710-210.0 | 347508 | X-66 | 66 | 330-660 |
| 8.904-003.0 | 347510 | X-88 | 88 | 440-880 |



Gas Jets

| Part No. | Original No. | Drill Size | Orifice Size | Use |
|---|---------------|-------------------------|--------------|-----|
| Gas Jets for Burner Rings* (above) | | | | |
| 8.710-215.0 | 347552 | #52 | (.0635) | NG |
| 8.710-216.0 | 347554 | #54 | (.055) | NG |
| 8.710-217.0 | 347562 | #62 | (.038) | LP |
| 8.710-218.0 | 347565 | #65 | (.035) | LP |
| 8.710-219.0 | 347566 | #66 | (.033) | LP |
| 8.710-214.0 | 347549 | Blank (Must Be Drilled) | | |

*Due to freight damage on assembled rings / jets...Separately order correct number & size of jets for each burner ring.

Honeywell Gas Valves



9.803-615.0

Natural Gas - Small Millivolt Valve

| Part # | Old No. | Description |
|--------------------|------------------|---------------------------------------|
| 9.803-615.0 | 7-7000CH1 | Natural Gas Millivolt Valve, 3/4" NPT |
| 9.803-617.0 | 7-70CH1 | Pilot for Piezo Ignitor |
| 9.803-611.0 | 7-70360 | 47" Powerpile |
| 9.803-614.0 | 7-70232 | LP Conversion Kit (NG to LP) |
| 8.718-116.0 | 7-7078 | NG Conversion Kit (LP to NG) |



9.803-616.0

Natural Gas - Small Electronic Ignition Valve

| Part # | Old No. | Description |
|--------------------|-----------------|--|
| 9.803-616.0 | 7-700021 | Natural Gas Electronic Ignition Valve, 24V, 3/4" NPT |
| 9.803-618.0 | 7-702320 | LP Conversion Kit (NG to LP) |
| 8.718-112.0 | 7-70700 | NG Conversion Kit (LP to NG) |

See Electronic Ignition Parts Below



8.718-048.0



9.803-612.0

Natural Gas/LP - Large Electronic Ignition Valve

| Part # | Old No. | Description |
|--------------------|-----------------|---|
| 8.718-050.0 | 7-70003 | Natural Gas Electronic Ignition Valve, 24V, 1" NPT (no LP conversion kit) |
| 8.718-048.0 | 7-700022 | LP Gas Electronic Ignition Valve, 24V, 1" NPT (no NG conversion kit) |
| 9.803-612.0 | 2-990581 | Solenoid Pilot |

See Electronic Ignition Parts Below



9.803-613.0



9.803-610.0

Electronic Ignition

| Part # | Old No. | Description |
|--------------------|-----------------|--|
| 9.803-613.0 | 7-701510 | Electronic Ignition Controller Black 90 sec TFI |
| 9.803-610.0 | 7-702371 | Pilot, Electronic Ignition |
| 9.803-562.0 | 6-01352 | 48" Ignition Cable |
| 8.905-681.0 | 6-01353 | 60" Ignition Cable |
| 8.930-332.0 | | 69" Ignition Cable |

BURNERS

1" Gas Valves by Robert Shaw

Universal type for new equipment or replacement.



- Manual gas cock
- Auto pilot safety valve
- Wiring & hardware included
- Pilot gas filter
- 600,000 BTU LP gas
720,000 BTU natural gas
- 1" inlet/outlet

*Kit is for 8.710-174.0 and includes: gas valve, flame sensor, electrode pilot relight and harness

| Part # | Old No. | Description |
|--------------|---------|-----------------------------------|
| 8.710-178.0 | 347406 | 240 Vac/NG, Standing Pilot |
| 8.710-179.0 | 347407 | 24 Vac, NG, Standing Pilot |
| 8.710-174.0 | 347403 | 24 Vac, NG, Electronic Ignition |
| 8.710-181.0 | 347409 | 700 MV, Natural Gas |
| 8.710-163.0* | 347379 | 24V Retrofit Kit (NG) 720,000 BTU |
| 9.802-677.0 | | Ignitor |

LP Conversion Kit below

LP Conversion Kit for Robert Shaw



Convert NG to LP

| Part # | Old No. | Description |
|-------------|---------|----------------------|
| 8.710-187.0 | 347421 | 1" LP Conversion Kit |
| 8.710-164.0 | 347380 | LP Orifice |

Gas Valves - LP or Natural

Universal type for building new systems or field replacement. 750 MV, 24V or 120V controls by White-Rodgers.



- 335,000 BTU max
- 3/4" inlet/outlet
- All adjustments & wiring connections on top of valve
- Automatic outlet pressure regulator
- A.G.A. design certified, C.G.A. certified

| Part # | Old No. | Description |
|-------------|---------|------------------------------|
| 8.710-172.0 | 347400 | Gas Valve 24V (1) |
| 8.710-182.0 | 347410 | Gas Valve 120V (2) |
| 8.710-183.0 | 347412 | Gas Valve 750 MV (1) |
| 8.750-110.0 | | 3/4" NG to LP Conversion Kit |
| 8.750-109.0 | | 3/4" LP to NG Conversion Kit |

(1) Includes two 3/4" x 1/2" all-thread plated bushings and valve instructions.

(2) Includes L.P. Kit, two 3/4" x 1/2" and one 1/2" x 3/8" all-thread plated bushings and all instructions.

White-Rodgers Repair Parts

| Part # | Old No. | Description |
|-------------|---------|-----------------------------------|
| 8.710-184.0 | 347416 | 24V Cycle Pilot Control (347425) |
| 8.710-197.0 | 347440 | 120V Cycle Pilot Control |
| 8.710-198.0 | 347446 | Gas Ignition Electrode (24" Lead) |

Gas Valve Accessory Components

Use with both 3/4" and 1" models on this page.



8.710-190.0

| Part # | Old No. | Description |
|-------------|---------|----------------------------------|
| 8.710-190.0 | 347430 | 750 MV Generator |
| 8.710-191.0 | 347431 | P110T Pilot Burner (Natural gas) |
| 8.718-092.0 | 347436 | Thermo Couple (w/ 24") Cap Tube |
| 8.710-196.0 | 347438 | Thermo Couple (w/ 36") Cap Tube |
| 9.802-686.0 | | Thermopile, VNG, 44 |

Draft Diverters / Rain Caps



9.801-040.0



8.717-731.0

- Draft diverter prevents backdrafts, keeps cold air out
- Rain cap prevents water running down vent pipes
- Fits on standard stove pipe
- Hot dipped galvanized

| Part # | Old No. | Description |
|-------------|---------|---------------------------------|
| 8.717-764.0 | | 8", 12V DC, Barometric Dampener |
| 8.749-806.0 | | 10", 12V DC, Power Dampener |
| 8.753-171.0 | | 12", 12V DC, Power Dampener |
| 8.717-728.0 | 7-1003 | 8", Round |
| 9.801-040.0 | 7-10031 | 10", Round |
| 8.717-730.0 | 7-10032 | 12", Round |
| 8.717-731.0 | 7-10033 | 10", Exhaust Stack, Cap |
| 8.717-732.0 | 7-10034 | 12", Exhaust Stack, Cap |

Flue Adapters



8.717-745.0

- Used to vent exhaust from horizontal hot water machines
- Hot dipped galvanized
- Adapts to standard stove pipe

| Part # | Old No. | Description |
|-------------|---------|---------------------------------|
| 8.903-430.0 | 30-199* | 8" without Stack, new style kit |
| 8.717-745.0 | 7-10049 | 8" without Stack, new style |

*Includes insulation and mounting hardware

Propane Gas Regulators



- High Quality Fischer regulators
- High and low pressure

| Part # | Description |
|-------------|--|
| 8.717-750.0 | LP, 3/8" NPT X POL |
| 8.717-752.0 | LP, FPOL x 3/4" FIP |
| 8.717-746.0 | High Pressure |
| 8.717-747.0 | Low Pressure |
| 8.717-749.0 | Regulator, Propane Gas, Fischer |
| 9.802-633.0 | LP Assembly, includes High/Low Pressure Assy |

Propane Gas Hose



| Part # | Description |
|-------------|---------------------------|
| 8.711-853.0 | LP 1/4" X 10' POL x POL |
| 8.711-856.0 | LP 1/2" x 48' 1/2 MNPT BE |
| 8.711-854.0 | LP 1/4" X 18' MPOL BE |
| 8.711-864.0 | LP 3/4" X 16' MNPT BE |

Coils



- Cold-rolled pipe, no weak points from heating to make bends
- Heavy-duty schedule 80 carbon steel pipe
- "Aluminized steel" wrapper
- Best warranty in the industry

9.803-014.0

| Part # | Description |
|-------------|---|
| 9.803-014.0 | Skid Coil 20" Dia, Sch 80 with Aluminized Steel Wrap, Horizontal |
| 8.919-136.0 | DuraCoil 14.5" Dia, Sch 80, HDS Cage, Roll Cage large |
| 8.919-133.0 | DuraCoil 14.5" Dia, Sch 80, HDS Electric Roll Cage and Small Gas Cage |
| 9.803-135.0 | NG/LPG Coil, 18" Dia |
| 9.717-928.0 | Coil, HDS Heater (Tubing Construction) |

Top & Bottom Wraps

- Stainless and mild steel

| Part # | Description |
|-------------|--|
| 8.919-733.0 | Coil Wrap, SS, HDS Elec Roll Cage, HDS Small Gas Roll Cage |
| 8.933-031.0 | Coil Wrap, SS, HDS Electric Hand Truck, Belt Drive |
| 8.933-028.0 | Coil Wrap, SS, Small HDS Electric Hand Truck |
| 8.915-908.0 | Coil Wrap, SS, HDS Hand Truck, Direct Drive |
| 9.803-005.0 | Top Wrap, SS, HDS Gas/Diesel Skids |
| 9.803-006.0 | Bottom Wrap, SS, HDS Gas/Diesel Skids |
| 8.949-732.0 | Coil Wrap, SS, HDS Gas Roll Cage |
| 8.917-568.0 | Coil Wrap, SS, NG/LPG Machines |

Coil Insulation



9.802-883.0

9.802-894.0

9.802-900.0



9.802-901.0

9.802-902.0

- Refractory grade ceramic
- Retains heat inside coil for better fuel efficiency and paint protection

| Part # | Description |
|-------------|--|
| 9.802-883.0 | Front Head, No Hole |
| 8.735-002.0 | Front Head, No Hole, 16" |
| 9.802-894.0 | Burner Head, with Hole |
| 8.731-284.0 | Burner Head, with Hole, 16" |
| 8.933-009.0 | Gasket, Burner Plate |
| 8.717-424.0 | Gasket, Skid Stackless Top |
| 8.717-425.0 | Gasket, Stackless Adapter |
| 9.802-900.0 | Tank, 1" Blanket, Vertical Oil-Fired Coils |
| 9.802-901.0 | Tank, 16" OD x 8" ID, Small Vertical Coils |
| 8.717-410.0 | Blanket, w/ Foil sqft (10 sqft rqrd) |
| 9.802-896.0 | Blanket-No Foil, 24" x 57", Horizontal |
| 9.802-902.0 | Blanket-Die Cut, 28" x 24", Horizontal |
| 8.717-433.0 | Blanket-Die Cut, 33" x 89" (NG/LPG) |
| 8.930-140.0 | Insulation, Tank Head, 20", 10" Opening |
| 9.802-905.0 | Insulation Blanket, HDS Hand Truck |
| 8.717-433.0 | Insulation Disc, HDS Hand Truck |

Insulation & Rigid Disc/Donuts

Refractory grade ceramic kaowool formed; retains heat inside coil for better fuel efficiency and paint protection.



| Part # | Old No. | Description | Thickness | Width | Length |
|---|---------|-------------|-----------|-------|-----------|
| "Rigid Formed" Donut & Discs | | | | | |
| 8.704-807.0 | 122253 | Donut | .88" | 18" | 6" / 4.4" |
| 8.704-810.0 | 122258 | Donut | .88" | 16" | 6" / 4.4" |
| 8.717-474.0 | | Donut | | 24" | |
| 8.704-808.0 | 122254 | Disc | 1/2" | 18" | |
| 8.704-809.0 | 122257 | Disc | 1/2" | 16" | |
| 8.717-475.0 | | Disc | | 24" | |
| Insulation Blanket | | | | | |
| 8.901-288.0 | 122204 | Coil Wrap | 1" | 24" | 4' |
| 8.901-289.0 | 122205 | Coil Wrap | 1" | 24" | 5' |
| 8.704-800.0 | 122206 | Coil Wrap | 1" | 24" | 6' |
| 8.704-802.0 | 122222 | Full Roll | 1/2" | 24" | 37.5' |
| 8.704-805.0 | 122225 | Full Roll | 1" | 24" | 25' |