



## 115V / 230V Oil Burners



- .4 to 3 GPH firing rate
- 6-1/4" blower fan 115V and 230V
- 3,450 RPM pump/blower motor
- Solid-state ignition
- Beckett "CleanCut" fuel pump with oil valve
- Air tube 2-3/4"
- UL-recognized

Part #	Old No.	Description
<b>8.709-325.0</b>	<b>307032</b>	Beckett AFG 115
<b>8.709-326.0</b>	<b>307036</b>	Beckett AFG 230

### Beckett Burner Chart

BURNER				MOTOR			BLOWER WHEEL			IGNITOR ASSEMBLY		
Part No	Old No	Description	Becket No	Part No	Old No	Becket No	Part No	Old No	Becket No	Part No	Old No	Becket No
8.709-326.0	307036	AFG / 240V AC	VMG202	8.750-518.0		22825U	9.802-649.0	079517	2999U	8.751-780.0		5199701U
8.709-325.0	307032	AFG / 120V AC	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 / 13.5V DC – W/O ICB*	VMG504	9.802-638.0	079613	52145U	9.802-636.0	079518	2999AU	8.751-784.0		5218301U
8.709-328.0	307061	ADC / 13.5V DC – W/ICB	VMG505	9.802-638.0	079613	52145U	9.802-636.0	079518	2999AU	8.751-784.0		5218301U
8.717-071.0	N/A	SM / 120V	H01501	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	H01301	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	Old No	Description	Becket No	Part No	Old No	Becket No	Part No	Old No	Becket No	Part No	Old No	Becket No
8.709-326.0	307036	AFG / 240V AC	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 / 120V AC	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 / 13.5V DC – 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 / 13.5V DC – 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	H01501	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	H01301	9.802-644.0	079642	2184403U	8.900-082.0	079054X	N/A	8.723-715.0	N/A	578730

\* Ignition control board

## 14V ADC Oil Burner



- 14V solid-state ignition
- 1/6 HP
- 3,450 RPM
- 4-1/4" fan
- Beckett "CleanCut" fuel pump with oil valve
- Max rate 2.5 GPH

Part #	Old No.	Description	Oil Valve	Electric Eye	Motor RPM
<b>8.709-327.0</b>	<b>307059</b>	Beckett 13.5V	Yes	–	3450
<b>8.709-328.0</b>	<b>307061</b>	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 #	Old No.	Beckett Part #	Description
<b>9.802-648.0</b>	<b>079520</b>	2454	5/16 "A"– (AFG)
<b>9.803-058.0</b>	<b>079522</b>	2433	5/16 "S"– (SF/SM)
<b>9.802-637.0</b>	<b>079524</b>	2140501U	1V DC ADC

## Genisys™ Controller and Contractor Tool



Advanced burner control, 120V AC primary safety control for residential and light commercial oil burners.

Part #	Description
<b>8.751-335.0</b>	Genisys Controller
<b>8.726-018.0</b>	Genisys Contractor Tool

## Beckett Misc. Parts

Part #	Old No.	Beckett Part #	Description
<b>9.802-651.0</b>			Burner Gasket AFG 120V
<b>8.701-059.0</b>		578726 SDC	Electrode Insul Assy
<b>8.701-056.0</b>	<b>079530</b>	149	Electrode Clamps (ALL)
<b>8.701-063.0</b>	<b>079542</b>	5432	Flange, w/ Gasket (ALL)
<b>8.723-912.0</b>	<b>079543</b>	5850	Flange, Split Unl A&S
<b>8.701-070.0</b>	<b>079560</b>	3616	Gasket, Universal AMF
<b>9.802-653.0</b>	<b>079562</b>	3416	Gasket, Unit Mtg
<b>9.802-671.0</b>	<b>079592</b>	5877	Burner Housing AFG/ADC
<b>8.701-085.0</b>	<b>079595</b>	5717 (51400)	Knurled Nut Kit ADC
<b>8.701-134.0</b>	<b>079677</b>	51304	Transf Mtg Gasket AFG
<b>8.701-132.0</b>	<b>079674</b>	31404	Transformer Clip
<b>9.802-676.0</b>	<b>079654</b>	7006U	Cadcell Flame det
<b>8.701-137.0</b>	<b>079684</b>	7556A0000	Primary Control, 14V DC
<b>8.701-133.0</b>	<b>079675</b>	3245	Transformer Spring
<b>8.701-106.0</b>	<b>079629</b>	AF90	Air Tube w/o Head
<b>8.701-074.0</b>	<b>079573</b>	5151501	Air Band (3 x 92 AFG)

## Electrode/Insulator Assembly



Part #	Old No.	Beckett Part #	Description
<b>9.802-668.0</b>	<b>079534</b>	5780	Std to 9" AFG, SM, SF
<b>8.717-978.0</b>		578728	ADC
<b>9.802-669.0</b>			Electrode w/ Contact, PR
<b>9.802-670.0</b>			Electrode Kit

## Legacy Fire-Rite Burners

Legacy Fire-Rite oil burners are a leader in performance, reliability, and energy efficiency. With industry exclusive features that are easy to install and provide a durable, maintenance-free package. Designed for the harsh environment of the pressure washer industry, these burners are built to provide years of trouble-free service.

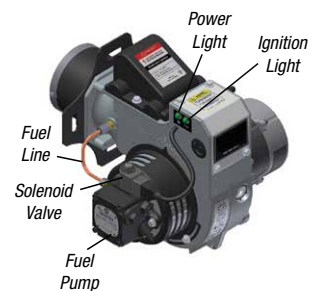
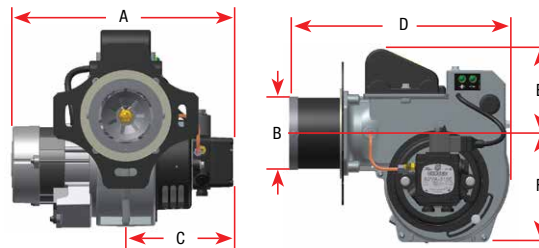


- 0.75 to 3.0 GPH
- 56,000 to 420,000 BTU/hr input
- Exceptional performance even at low fire
- Easy to service due to overall simple ease of making adjustments and overall design
- Sight glass for viewing spark, ignition, and fan
- Solid State, high output ignitors for better ignition
- Power and ignition indicator lights
- Die cast aluminum fan housing with slide-in guide for forged brass gun assembly
- Danfoss Fuel pumps
- Forged brass gun assembly with self-aligning electrodes for reliable ignition
- Water-tight electrical box with numbered terminal strip and wiring diagram for quick and easy installation
- Fuel options include No. 1 or 2 heating oil (ASTM 0396)
- ETL Listed to UL and CSA Safety Standards
- Patent US D665,901 S

Part No	Size	Motor/Ignitor Voltage	Motor	Solenoid Voltage	Air Cone Size	Firing Rate Min (GPH)	Firing Rate Max (GPH)	Tube Length
8.922-847.0	S	12V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	12-24V	F22	0.75	2.50	3"
8.922-848.0	S	12V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	12-24V	F22	0.75	2.50	1"
8.922-849.0	S	230V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F22	0.75	2.50	1"
8.922-850.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F22	0.75	2.50	1"
8.922-869.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F22	0.75	2.50	3"
8.922-870.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	12-24V	F22	0.75	2.50	1"
8.922-871.0	S	230V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	230V	F22	0.75	2.50	3"
8.922-873.0	S	230V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	230V	F22	0.75	2.50	1"
8.922-874.0	S	12V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	12-24V	F12	0.75	2.50	1"
8.922-876.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F6	0.75	2.50	1"
8.922-877.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F4	0.75	2.50	1"
8.922-878.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F4	0.75	2.50	3"
8.922-879.0	S	12V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	12-24V	F12	0.75	2.50	3"
8.922-880.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F12	0.75	2.50	3"
8.922-881.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	12-24V	F12	0.75	2.50	3"
8.922-882.0	S	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	120V	F6	0.75	2.50	3"
8.922-872.0	ML	230V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	24V	F22	1.00	5.00	1"
8.922-875.0	ML	120V	3450 RPM, Continuous-Duty, NEMA M-flange, Danfoss Fuel Pumps	24V	F12	1.00	5.00	3"

### Dimensions in inches for all models

Model	A	B	C	D	E	F
S	12.25	3.0	5.75	13.0	3.0	6.0
ML	15.00	3.0	6.0	13.0	5.0	7.5



## Oil Burners



115V / 230V

- .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
- 3,450 RPM pump/blower motor
- "A"-type Suntec fuel pump
- 3-3/4" air tube with adjustable flange for maximum versatility
- UL-recognized



12V

- 12V solid-state ignitor
- 3,450 RPM fuel pump
- .5 to 2.75 GPH capacity with oil valve



Part #	Old 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 #	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 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
<b>8.709-318.0</b>	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
<b>8.709-319.0</b>	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 #	Old No.	Wayne Part #	Description	Shaft Size
<b>8.700-730.0</b>	<b>079005</b>	20288/SER	5-3/16" x 3-7/16"	1/2"
<b>8.700-731.0</b>	<b>079006</b>	21854/SER	6-1/4" x 4-3/16"	1/2"
<b>8.700-726.0</b>	<b>078999</b>	20673	4-1/4" x 3-1/8"	1/2"
<b>8.700-727.0</b>	<b>079003</b>	21427/SER3	12V (Fasco)	5/16"
<b>8.700-728.0</b>	<b>079003A</b>	21427	(MET)	1/2"

## Common Parts – Beckett & Wayne



Oil Line



Brass Elbow

Part #	Old 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"

## Wayne Burner Parts



Part #	Old No.	Wayne Part #	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 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>		Nzl Adapter w/legs MSR/DC

## Burner Motors



48M  
5.75" Dia.



48N  
7.25" Dia.

Part #	Old No.	Capacitor	RPM	HP	Flange	Voltage	Wayne / Beckett
9.802-642.0	079602	Y	3450	1/7	48M	115V	20627 / 21805U
8.750-518.0		Y	2850/3450	1/7	48M	220V	N/A / N/A
8.700-739.0	079021		4500	1/5	48M	12V DC	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, 12V DC/MET to Fasco					
<b>Universal</b>							
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:
- Four Beckett electrodes
  - Two couplings
  - One fuel line



Part #	Description
8.723-715.0	Beckett Burner Tune-up Kit

## Blower Wheels



Part #	Description	Shaft Size
9.803-057.0	6-1/4" D x 3-7/16" W	1/2" SF-SM
9.802-649.0	4-1/4" D x 2-1/2" W	1/2" AFG
9.802-636.0	4-1/4" D x 2-7/16" W	5/16" ADC



## 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 3,600 RPM
- Includes built-in solenoid w/ cord set



Part #	Old No.	Description
9.802-645.0	079641	110V
9.802-644.0	079642	220V
9.802-562.0	079643	12V
9.802-646.0	079690	Valve Stem Kit (21877U)

## Fuel Pumps



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

Part #	Old No.	Suntec PN	GPH	RPM	Rotation
<b>Standard Pumps</b>					
8.700-749.0	079030	A2VA7116	3	3450	RH
8.700-789.0		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
<b>Pumps with Solenoid</b>					
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
<b>Pump Replacement Parts</b>					
8.700-764.0	079044	3715732 (A2VA 7116)	Pump Fuel Screen		
8.700-772.0	079055	3715744 (A2AVA 7916)	Pump Fuel Screen		
8.700-765.0	079045	3779801	Gasket Cover		

## Fuel Conditioner and Soot Remover

Red Devil eliminates soot build-up.



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

Part #	Old 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

## Burner Transformers



- 10,000V spark
- 2.2 Amp @ 120V
- 8.5 lbs
- Traditional copper-wire wound

Part #	Old No.	Beckett Part #	Mounting	Volt
9.802-661.0*	079668	51343U	AFG	240V
8.701-125.0*	079662	21376U	S-SF-SR-SM	120V
9.803-055.0*	079665	21176U	SM	240V

\* Bottom mount

## Burner Ignitors

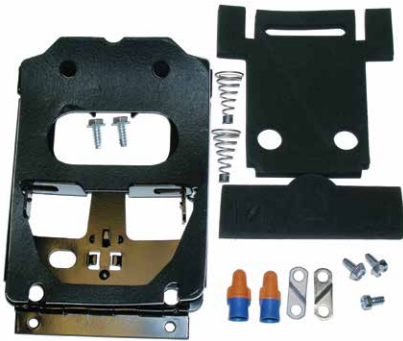


- Solid-state technology
- 14,000V spark
- Only .35 Amp @ 110V
- 1.7 lbs

Part #	Old No.	Beckett Part #	Mounting	Volt
9.802-647.0	079669	51771U	AFG/Lo Amp	120V
8.701-149.0	079707	517780	SDCw/ Con BD	12V DC
9.803-060.0	079682	51824U	SM/SF	120V
8.701-140.0	079687	51779U	SDCw/o CB	12V DC

\*Complete with timer

## Base Plates for Ignitors



Part #	Old 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

## Nozzle Accessories



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

## Burner Transformers



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

Part #	Old No.	Wayne Part #	Mounting	Volt
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/M	Back/10KVA	240V

## Burner Ignitors



- Solid-state technology
- 14,000V spark
- Only .35 Amp @ 120V
- 1.7 lbs

Part #	Old No.	Wayne Part #	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

## 12V DC KIP Fuel Solenoid Valve



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

Part #	Old No.	Description
8.701-120.0	079652	Fuel Solenoid Valve

## 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 #	Old No.	Description
8.712-507.0	449020	Smoke Tester
8.712-506.0	449019	Filter Paper Refill*

\*40 sheet (10 tests per sheet)

## Oil Solenoid Valve



- Unitized mounting on Suntec fuel pumps
- 1/8" FPT inlet
- 300 PSI
- Uses standard Suntec coil

Part #	Old No.	Description
8.700-779.0	079062	110V Oil Valve – R642
8.700-780.0	079063	220V Oil Valve – R753
8.700-782.0	079064	12/24V Oil Valve – R261
8.700-811.0	079125	Flow-Thru Connector Bolt
8.700-812.0	079126	Aluminum Seal Washer
8.900-081.0	079053X	110V Coil w/ Cord Set
8.900-082.0	079054X	230V Coil w/ Cord Set
8.900-080.0	079050X	12/24 Coil w/ Cord Set
9.802-640.0	079096	115V Coil w/o Cord Set
9.802-641.0	079097	230V Coil w/o Cord Set
8.700-794.0	079098	12/24V DC Coil w/o Cord Set
8.700-795.0	079099	Cord Set Only
8.900-079.0	079047	8mm Nut for Old Style Coil

## Gas Burner Rings – N/G or L/P 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 #	Old No.	Model No.	Jets Req'd	1000 BTUH
<b>Gas Burner Rings Only</b>				
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 #	Old No.	Drill Size	Orifice Size	Use
<b>Gas Jets for Burner Rings* (above)</b>				
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
9.802-684.0		#69	(.029)	LP
8.710-214.0	347549	Blank (Must Be Drilled)		

\*Due to freight damage on assembled rings/jets, separately order correct number and 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	7-7CH1	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)



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

## Delavan Fuel Nozzles



Part #	Old No.	GPH
<b>8.701-018.0</b>	<b>079477</b>	2.00 x 60°W
<b>8.701-021.0</b>	<b>079480</b>	1.50 x 80°W
<b>8.701-020.0</b>	<b>079479</b>	1.65 x 80°W
<b>8.701-023.0</b>	<b>079481</b>	1.75 x 80°W
<b>8.701-024.0</b>	<b>079482</b>	2.00 x 80°W
<b>8.701-025.0</b>	<b>079483</b>	2.25 x 80°W

Part #	Old No.	GPH
<b>8.701-026.0</b>	<b>079484</b>	2.50 x 80°W
<b>8.701-028.0</b>	<b>079486</b>	2.75 x 80°W
<b>8.701-029.0</b>	<b>079487</b>	3.00 x 80°W
<b>8.701-031.0</b>	<b>079490</b>	4.00 x 80°W
<b>8.701-039.0</b>	<b>079505</b>	1.65 x 90°W
<b>8.701-032.0</b>	<b>079492</b>	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 Old No	60° B Solid Part No	60° B Solid Old No	70° A Hollow Part No	70° A Hollow Old No	70° B Solid Part No	70° B Solid Old No	80° A Hollow Part No	80° A Hollow Old No	80° B Solid Part No	80° B Solid Old No	90° A Hollow Part No	90° A Hollow Old No	90° B Solid Part No	90° B Solid Old 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	9.802-577.0	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	8.700-951.0	-	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
4.50	-	-	-	-	-	-	-	-	-	-	8.717-367.0	-	-	-	-	-
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 "shutdown" 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 #	Old No.	Description	PSI
<b>8.900-083.0</b>	<b>079210</b>	Snap Fuel Valve	100
<b>8.900-084.0</b>	<b>079211</b>	Snap Fuel Valve	130
<b>8.700-845.0</b>	<b>079215</b>	Snap Check Valve, (5/pk)	130
<b>8.700-844.0</b>	<b>079214</b>	Snap Check Valve, (5/pk)	100

## 1" Gas Valves by Robert Shaw

Universal type for new equipment or replacement.



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

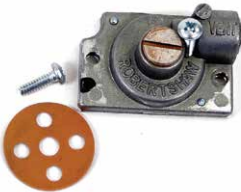
\*Kit is for 8.710-174.0 and includes: gas valve, flame sensor, electrode pilot relight and harness

Part #	Old No.	Description
8.710-178.0	347406	240V AC/NG, Standing Pilot
8.710-179.0	347407	24V AC/NG, Standing Pilot
8.710-174.0	347403	24V AC/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 and 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

## Insulation and 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
<b>"Rigid Formed" Donut and Discs</b>					
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"	
<b>Insulation Blanket</b>					
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'