

**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
<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	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	9.802-661.0	079668	21175U*
8.709-325.0	307032	AFG / 120Vac	VMG902	9.802-642.0	079062	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	21699UF	9.802-636.0	079518	21404U	8.701-131.0	079671	51777U
8.709-328.0	307061	ADC / 13.5Vdc- W/ICB	VMG505	9.802-638.0	079613	21699UF	9.802-636.0	079518	21404U	9.802-663.0	079670	51778U
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	9.803-055.0	079665	21176U**

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	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    \*\* Old iron core transformer

**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
<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

**Beckett Misc. Parts**



Part No.	Original No.	Beckett Part No.	Description	Each
<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 Uni 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>8.701-083.0</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>8.701-122.0</b>	<b>079654</b>	7006U	Cadcell Flame det	
<b>8.701-137.0</b>	<b>079684</b>	743411	Primary Control, 12V 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)	

**Flex Couplings**



Part No.	Original No.	Beckett Part No.	Description
<b>9.802-648.0</b>	<b>079520</b>	2454	Flex Coupling 5/16 "A" (AFG)
<b>9.803-058.0</b>	<b>079522</b>	2433	Flex Coupling 5/16 "S" (SF/SM)
<b>9.802-637.0</b>	<b>079524</b>	21405	Flex Coupling 12 VDC ADC

**Electrode / Insulator Assembly**



Part No.	Original No.	Beckett Part No.	Description
<b>9.802-668.0</b>	<b>079534</b>	5780	Std to 9" AFG, SM, SF
<b>8.701-065.0</b>	<b>079548</b>	578728	ADC

# 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 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  8.700-740.0-MET to FASCO 079021X	8.700-727.0- (079003)FASCO  2.44"Wx2.53"T 5/16" shaft 8.700-728.0 (079003A) MET 3.44"Wx4.25"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
<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 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"

**Burner Motors**



48M



48N

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
8.701-097.0	079615	Y	3450	1/5	48M	115/240V	N/A / 21345U
8.700-739.0	079021		4500	1/5	48M	12VDC	21993-005 / N/A
9.802-638.0	079613		3450	1/6	48M	13.5V	21699UF
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 / 21539UF
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					
<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:
- 4-Becket Electrodes
  - 2-Couplings
  - 1-Fuel Line

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

**Blower Wheels**



Part No.	Original No.	Beckett Part No.	Description
9.803-057.0	079515	2383U	6-1/4D x 3-7/16W SF-SM
9.802-649.0	079517	2999U	4-1/4D x 2-1/2W AFG
9.802-636.0	079518	21404	4-1/4D x 2-7/16W 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 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

**Fuel Pumps**



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

Part No.	Original No.	Suntec PN	GPH	RPM	Rotation
<b>Standard Pumps</b>					
8.700-749.0	079030	A2VA7116	3	3450	RH
8.700-753.0	079033	A2VC7118	3	3450	LH
8.700-751.0	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 Pump Fuel Screen (A2VA 7116)			
8.700-772.0	079055	3715744 Pump Fuel Screen (A2AVA 7916)			
8.700-765.0	079045	3779801 Gasket Cover			

**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

# BURNERS

## Burner Transformers



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



Part No.	Original No.	Beckett Part No.	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
- 14,000 Volt spark
- Only .35 Amp @ 110V
- 1.7 lbs



Part No.	Original No.	Beckett Part No.	Mounting	Volt
9.802-647.0	079669	51771U	AFG/Lo Amp	120V
8.701-131.0	079671	517770	ADCw/o CB	12VDC
9.802-663.0	079670*	517760	ADCw/ CB	12VDC
8.701-149.0	079707	517780	SDCw/ Con BD	12VDC
9.803-060.0	079682	51824U	SM/SF	120V
8.701-140.0	079687	51779U	SDCw/o CB	12VDC

\*complete with Timer

## 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 Transformers



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



Part No.	Original No.	Wayne Part No.	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	120V

## Burner Ignitors



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



Part 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

## 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

## 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)

## Oil Solenoid Valve



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

Part No.	Original 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	12/24VDC Coil w/o Cord Set
8.700-795.0	079099	Cord Set Only
8.900-079.0	079047	8mm Nut for Old Style Coil

## Insulation & Rigid Disc / Donuts

Refractory Grade Ceramic **Kawool** Formed; retains heat inside coil for better fuel efficiency and paint protection.



Part No.	Original No.	Description	Thickness	Width	Length
<b>"Rigid Formed" Donut &amp; Discs</b>					
8.704-807.0	122253	Donut	.88"	18"	6"/4.4"
8.704-810.0	122258	Donut	.88"	16"	6"/4.4"
8.704-808.0	122254	Disc	1/2"	18"	
8.704-809.0	122257	Disc	1/2"	16"	
<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'

## 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
<b>8.701-018.0</b>	<b>079477</b>	2.00 x 60°W
<b>8.701-020.0</b>	<b>079479</b>	1.65 x 80°W
<b>8.701-021.0</b>	<b>079480</b>	1.50 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 No.	Orig. 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 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	8.749-361.0	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
<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 pack)	130
<b>8.700-844.0</b>	<b>079214</b>	Snap Check Valve, (5 pack)	100

## Nozzle Accessories



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

## 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 No.	Original 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 No.	Original 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
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.

Part No.	Description
<b>Drill Bits for Drilling Gas Jet Orifice</b>	
8.725-423.0	Drill Bit, HSS Point #52
8.725-424.0	Drill Bit, HSS Point #54
8.725-425.0	Drill Bit, HSS Point #62
8.725-426.0	Drill Bit, HSS Point #65
8.725-427.0	Drill Bit, HSS Point #66
8.725-428.0	Drill Bit, HSS Point #69

## Gas Valve Accessory Components

Use with both 3/4" and 1" models above.



8.710-190.0

Part No.	Original 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

## 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 No.	Original 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

LP Conversion Kit below

## LP Conversion Kit for Robert Shaw



Convert NG to LP

Part No.	Original 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 No.	Original 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)
8.710-188.0	347423	3/4" LP 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 No.	Orig. 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)