



Ignition Transformers, Burner Ignitors, and Burner Controls

6HJM3—Universally compatible controller has field-adjustable valve-on delay and 2-line diagnostic LCD. EnviraCom communication-ready.

3AAD7—Features limited recycle and reset, valve-on delay, welded relay protection, 3 status lights, and 24VAC terminals. Use with GeniSys Display 3AAD8 as a universal programming/diagnostic controller.

23M547—Universal replacement ignitor mounts onto any previously installed ignitor mounting plates; eliminates the need for extra mounting plates.

- 120V primary, 17.5kV peak secondary, 50/60Hz, 45mA



Description	Heater Voltage	Mounting Type	Safety Switch Timing	Brand	Mfr. Model	Item No.
Gas Burner Ignition Transformers						
Cleaver-Brooks Gas Burner & Industrial Combinations	120V AC	4 Holes	—	Allanson	1092-H	23M561
Gordon Platt Gas Burners	120V AC	Slotted Plate	—	Allanson	1092-S	23M558
Industrial Burners	120V AC	Slotted Plate	—	Allanson	542-A	25D087
Power Flame Burners	120V AC	¼-20 x 1 in Mounting Studs, One Ground	—	Allanson	542-PF-G	25D088
Power Flame Gas Burners	120V AC	¼ 20 x 1 in Mounting Studs	—	Allanson	1092-PF	23M559
Gas Burner Ignitors						
Gas Burners	—	—	—	Allanson	2260-TP	25D089
Gas Burners	—	—	—	Allanson	2265-TP	25D090
Hot Water and Steam Boiler Burner Ignition Transformers						
Beckett A, AF, AFG Oil Burners	120V AC	End Hinge	—	Allanson	2721-628G	23M552
Beckett A, AF, AFG Oil Burners	240V AC	End Hinge	—	Allanson	2744-628G	25D085
Beckett A Oil Burners	120V AC	Hinge Replacement	—	Beckett	51771GU	4NY11
Beckett S Oil Burners	120V AC	End Hinge	—	Allanson	2721-605	25D082
Carlin 99, 100/1, CRD Oil Burners	120V AC	End Hinge	—	Allanson	2721-630	23M554
Industrial Gas Burners	120V AC	Slotted Plate	—	Allanson	1092-F	23M557
Oil Burners	120V AC	Igniter Only, No Hinge Replacement	—	Beckett	51838GU	4NY12
Oil Burners	120V AC	Bracket	15 sec	ICM	ICM1501	53YK27
Wayne E Oil Burners	120V AC	Side Hinge	—	Allanson	2721-620	23M555
Wayne E Oil Burners	120V AC	Hinge Replacement	—	Beckett	51827GU	4NY10
Wayne HI Speed M/MH Oil Burners	120V AC	End Hinge	—	Allanson	2721-619	23M553
Wayne M Oil Burners	120V AC	Hinge Replacement	—	Beckett	51825GU	4NU99
Wayne Oil Burners	240V AC	4 Mounting Holes in Plate	—	Allanson	2744-668	25D086
Hot Water and Steam Boiler Burner Ignitors						
Beckett A, AF, AFG Oil Burners	120V AC	End Hinge	—	Allanson	2275-628G	23M548
Carlin 99, 100/1, CRD Oil Burners	120V AC	End Hinge	—	Allanson	2275-630	23M550
Wayne E Oil Burners	120V AC	Side Hinge	—	Allanson	2275-620	23M551
Wayne HI Speed M/MH Oil Burners	120V AC	End Hinge	—	Allanson	2275-619	23M549
Hot Water and Steam Boiler Oil Burner Controls						
Intermittent Spark, Interrupted Spark Ignition	120 V AC, 240 V AC	Junction Box	15 sec, 30 sec, 45 sec	Honeywell Home	R7284U1004	6HJM3
Intermittent Spark, Interrupted Spark Ignition	132 V AC	Junction Box	15 sec	Beckett	7505B1500GU	3AAD7
Oil Burner Ignition Transformers						
Universal Ignition Transformer	120V AC	Universal	—	Allanson	421-BT636	23M556
Wayne Blue Angel Eagle One	120V AC	8-32 x ¾ in Mounting Studs	—	Allanson	2721-647	25D083
Wayne Oil Burners	120V AC	4 Mounting Holes in Plate	—	Allanson	2721-668	25D084
Oil Burner Ignitors						
Hot Water and Steam Boiler Burner Ignitor	120V AC	Existing Mounting Plate	—	Allanson	2275U	23M547
Accessories						
GeniSys Lockout Alarm	Mfr. No. 7505B1500GU			Beckett	52040GU	3AAD9
Hot Water and Steam Boiler Oil Burner Control	Adding A/C Capability to Existing Furnace or Boiler with any Honeywell R7184 or R8184G Oil Primary Control. Replaces Honeywell Mfr. No. R8184M when used with Beckett 7505			Beckett	51950GU	3AAE1
Hot Water and Steam Boiler Oil Burner Control, Cadmium Sulfide	Oil Fired Furnace Control Systems			Honeywell Home	C554A1463	1D294
Hot Water and Steam Boiler Oil Burner Control	R7184U1020, R8182D1111, R8184G4009, R8184G4025			Honeywell Home	130367	2E523
Hot Water and Steam Boiler Oil Burner Control	(2) Pole Electronic Ignitors and Iron Core Transformers			Allanson	SC-2100	23M560

Burner Type	GPH	Air Tube Length	Mfr. Model	Item No.
Complete Flame Retention	0.4 to 3.0 Determined by Nozzle Used	6 ½ in	B2502	4NU97
Complete Flame Retention Without Nozzle or Air Tube	0.4 to 3.0 Determined by Nozzle Used	9 in	B2503	4NU98
	0.4 to 3.0 Determined by Nozzle Used	—	BR100GU	3AAC2

High-Efficiency Oil Burners

Beckett

- 120V
- 15-sec. prepurge
- Use with No. 1 or No. 2 heating oil (ASTM D396) only
- Nozzles not included

Feature 1/7-HP PSC motor with automatic reset overload protection, 3450 rpm, and adjustable mounting flange. Each includes low-fire baffle, assorted heads, static plates, integrated solenoid valve, electronic oil ignitor, and single-stage pump. For air tube combinations, nozzles, and accessories, go to Grainger.com and search for "Beckett."

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	0.4 to 3.0 Determined by Nozzle Used	—	BR100GU	3AAC2

Oil Burner Pumps

- 120V
- 1- or 2-pipe systems

4NY15 and 4NY13—Can lift oil up to 8 ft. in 1-pipe system, up to 14 ft. in 2-pipe system.

4NY16—Includes integrated solenoid valve.

6TFC9—Can lift oil up to 18 ft. in 2-pipe system.



Description	GPH	Adjustable PSI Range	RPM	Brand	Mfr. Model	Item No.
1-Stage A1VA7112	3	100 to 150	1,725	Suntec	PF205N2GU	4NY15
1-Stage A2VA7116	3	100 to 150	3,450	Suntec	PF203N2GU	4NY13
1-Stage A2EA6527	4	100 to 200	3,450	Beckett	PF20322GU	4NY16
2-Stage B2YA8916	7	100 to 200	3,450	Suntec	PF207N2GU	6TFC9