



## Ignition Transformers, Burner Ignitors, and Burner Controls

**6HMJ3**—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.

**2E865**—Combination primary and hydronic control with solid state control circuit and external low-voltage terminals. It has circulator control and includes well adapter and heat-conductive compound.

**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



23M557



4NY12



4NU99



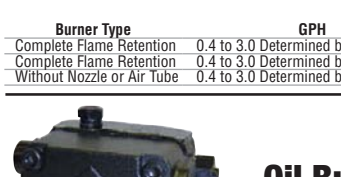
23M548



3AAD7



23M547



3AAE1

Description	Heater Voltage	Mounting Type	Safety Switch Timing	Brand	Mfr. Model	Item No.
<b>Gas Burner Ignition Transformers</b>						
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	25DU87
Power Flame Burners	120V AC	¼-20 x 1 in Mounting Studs, One Ground	—	Allanson	542-PF-G	25DU88
Power Flame Gas Burners	120V AC	¼ 20 x 1 in Mounting Studs	—	Allanson	1092-PF	23M559
<b>Gas Burner Ignitors</b>						
Gas Burners	—	—	—	Allanson	2260-TP	25DU89
Gas Burners	—	—	—	Allanson	2265-TP	25DU90
<b>Hot Water and Steam Boiler Burner Ignition Transformers</b>						
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	25DU85
Beckett A Oil Burners	120V AC	Hinge Replacement	—	Beckett	51771GU	4NY11
Beckett S Oil Burners	120V AC	End Hinge	—	Allanson	2721-605	25DU82
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 HI Oil Burners	120V AC	Hinge Replacement	—	Beckett	51825GU	4NU99
Wayne Oil Burners	240V AC	4 Mounting Holes in Plate	—	Allanson	2744-668	25DU86
<b>Hot Water and Steam Boiler Burner Ignitors</b>						
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	23M549
Wayne HI Speed M/MH Oil Burners	120V AC	End Hinge	—	Allanson	2275-619	23M549
<b>Hot Water and Steam Boiler Oil Burner Controls</b>						
Intermittent Spark, Interrupted Spark Ignition	120 V AC, 240 V AC	Junction Box	15 sec, 30 sec, 45 sec	Honeywell Home	R7284U1004	6HMJ3
Intermittent Spark, Interrupted Spark Ignition	132 V AC	Junction Box	15 sec	Beckett	7505B1500GU	3AAD7
Intermittent Spark Ignition, High and Low Limit	120 V AC	Horizontal Boiler Mount	45 sec	Honeywell Home	R8182D1111	2E865
<b>Oil Burner Ignition Transformers</b>						
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	25DU83
Wayne Oil Burners	120V AC	4 Mounting Holes in Plate	—	Allanson	2721-668	25DU84
<b>Oil Burner Ignitors</b>						
Hot Water and Steam Boiler Burner Ignitor	120V AC	Existing Mounting Plate	—	Allanson	2275U	23M547
<b>Accessories</b>						
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



4NU97



3AAC2

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	0.4 to 3.0 Determined by Nozzle Used	9 in	B2503	4NU98
Without Nozzle or Air Tube	0.4 to 3.0 Determined by Nozzle Used	—	B2007GU	3AAC2

## High-Efficiency Oil Burners



- 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.



4NY13

## 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