

1-800-GRAINGER (472-4643)

Type	Voltage	Prepurge Time (sec.)	Retries	Brand	Mfr. Model	Item No.
Hot Surface Ignition	24	30 sec	0 to 2	White-Rodgers	50E47-843	3XA74
		30 sec	2	White-Rodgers	50A55-843	3XA75
		30 sec	2	White-Rodgers	50A65-843	3XA76
Intermittent Pilot Ignition	120	32 sec	1 or 3	Honeywell Home	S8910U3000	48KT46
		360 sec	3	Robertshaw	780-845	1TGD9
		Up to 30	Continuous	Honeywell Home	S8610U3009	1RZZ2
Lockout, 1 Rod or 2 Rod Sensing	24	360 sec	3	Robertshaw	780-002	4E959
Nonlockout, 1 Rod or 2 Rod Sensing		—	Continuous	Robertshaw	780-001	4E958 *
Spark Ignition		45 sec	3	Robertshaw	780-003	6KXD5
Spark Ignition, Lockout		—	Continuous	Robertshaw	780-735	6KXD4
Spark Ignition, Nonlockout		—	Continuous	Robertshaw	780-715	6KXC6
Universal Integrated Two-Stage	24V AC	15 sec	2	White-Rodgers	21V51U-843	16X596
		15 sec	2	White-Rodgers	21M51U-843	16X595

* NG only.

Intermittent Pilot Ignition Systems and Conversion Kits

Convert conventional standing pilot systems to intermittent pilot systems. 1TGE4 is 100% shutoff with 90-sec. max. ignition trial; continuous retry. 4E396 has no max. lockout time with continuous trial for ignition and is not 100% shutoff. 4E397 has 60-sec. max. lockout time, and shutoff is 100% after 3 trials for ignition.

Note: For kit contents, go to Grainger.com.

Description	Control Volts	BtuH Cap.	Gas Type	Inlet/Outlet (in.)	Brand	Mfr. Model	Item No.
Intermittent Pilot Gas Ignition Systems	24 V	170,000 / 272,000	LP/NG	½ X ½	Robertshaw	712-005	1TGE4
		200,000	NG	½ x ¾	Robertshaw	712-017	4E396
		200,000 / 320,000	LP/NG	½ x ¾	Robertshaw	712-008	4E397
Standing Pilot Conversion Kits		150,000	LP/NG	½ x ½	Honeywell Home	Y8610U4001	2RNY1
		270,000	LP/NG	½ x ¾	Honeywell Home	Y8610U6006	2RNY2

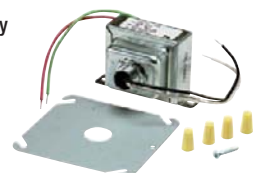
Conversion Kit
2RNY1

Universal-Mount Transformers

- 8" primary and secondary leads, except screw terminals on 6JZX6
- 1-phase, 60/50 Hz
- Thermal fuse protection
- Mounting: foot, 4 x 4 plate, or hub

Indoor enclosure.

Input Voltage	Output Voltage	VA Rating	Mfr. Model	Item No.
120V AC	24V AC	40 VA	620-403	6JZX4
208V AC, 240V AC	24V AC	40 VA	620-404	6JZX5
120V AC, 208V AC, 240V AC	12V AC, 2.5V AC, 24V AC	48 VA	620-402	6JZX3
	24V AC	50 VA	620-502	6JZX7
	28V AC	50 VA	620-501	6JZX6
120V AC, 208V AC, 240V AC, 480V AC	24V AC	75 VA	620-503	6JZX8



6JZX4

Furnace Control Boards

Direct wire-for-wire replacement of OEM control boards.

Description	Replaces	Brand	Mfr. Model	Item No.
Fan Blower Control	42-22515-02, 42-22515-03 Bard: 8201-056 Snyder General/ICP: 1395336 Mars: 32393, A-1: 5893 Rheem: 42-22515-01	ICM	ICM255C	5KPW9
	Carrier: CES0110019, HH84AA001, HH84AA003, HH84AA005, HH84AA009, HH84AA014, HH84AA015, HH84AA021 and Robertshaw: 695-101	ICM	ICM275C	5KPx1
	Carrier Mfr. No. 302075-3, CES0110017, CES0110018, HH84AA010, HH84AA011, HH84AA012, HH84AA013, HH84AA020, P771-7002, and Robertshaw Mfr. No. 695-100	ICM	ICM271C	5KPx0
Furnace Control Board	ST9101, ST9120, ST9141, ST9160	Honeywell Home	ST9120U1011	6HMH8
	B18099-06, B18099-08, B18099-10, B1809913, CNT04664, Mfr. No. 50T35-730	White-Rodgers	50T35-743	44R198
	Carrier LH33WP003 (DSI Control Board)	ICM	ICM291	40N229
	Carrier Mfr. No. 325878-751, HK42F2004, HK42F2007, HK42F2008, HK42F2009, HK42F2011, HK42F2013, HK42F2016, HK42F2034, ICM282A	White-Rodgers	50M56U-751	38XJ62
	Carrier Mfr. No. HK42F2017	ICM	ICM2807	32MY17
	Lennox for all BCC1, BCC2 and BCC3 Circuit Boards	ICM	ICM289	40N228
	Lennox Models 100925-01, 100925-02, 100925-03, 10M93, 32M8801, 56L84, 56L8401, 24L8501, 63K89, 63K8901, 97L4801, 17W9201, 23W5101, 30W2501, 69M0801, 69M1501, 83M001, White Rodgers Models 50A66-843, 50A62-121, 50A66-122, 5066-123, 50A65-121, 50A62-120, 50A62-820, 50A66-123	White-Rodgers	21D83M-843	44R199
	Nordyne 624631	ICM	ICM2805A	40N233
	Rheem 62-24084-82	ICM	ICM288	40N227
	Rheem 62-24140-04 (DSI Control Board)	ICM	ICM292A	40N230
Furnace Control Module	Trane Mfr. No. CNT02789, CNT02891, CNT03799, D341122P01, D341235P01, D341235P03, White-Rodgers 50A55-474, 50A55-476, 50A55-571	White-Rodgers	50A55-3797	38XJ65
	Trane Mfr. No. CNT03076, CNT03098, CNT05164, CNT05165, D341213P01, D341396P03, D341396P04, D341396P05	White-Rodgers	50A65-5165	38XJ63
	York Mfr. No. 265901, 265902, S1-03100662000, S1-03101250000, S1-03101266000, S103101267000, S1-03101267001, S103101284000, S103101933000, S103101972000, S103109167000, S13310102956000, S133103010000	White-Rodgers	50A56-956	38XJ64
	325878-751, Carrier: HK42F2004, HK42F2007, HK42F2008, HK42F2009, HK42F2011, HK42F2013, HK42F2016	ICM	ICM282B	5KPx4
	Carrier: CES011005700, CES0110020, CES0110048, CES011005701, CES011005702, HH84AA016	ICM	ICM281	5KPx3
Integrated Hot Surface Control	Goodman/Janitrol: B18099-06, B18099-08, B18099-10, B18099-13, B18099-13S, UTEC: 1012-933D, Texas Instruments: 41F-5, White-Rodgers: 50T35-730, 50T35-743	ICM	ICM280	5KPx2
	Drop In Direct Replacement Ignition Control for Goodman 0130F00005, B1809926S, B1809926S, PCBFF110, PCBFF110S, PCBFF112, PCBFF112S, PCBFF123S, White-Rodgers 50T59-289 and 50A55-289	White-Rodgers	50A55-743	29TH96
	Goodman Replacement Integrated Hot Surface Control 0130F00006, 0130F00006S, PCB00109, PCBFF109, PCBFF122, PCBFF122S, PCBFF132, PCBFF132S, 50M56-289	White-Rodgers	50M56-743	29TH95
	Lennox Models 30W2501, 100925-01, 100925-02, 100925-03, 17W921, 17W9201, 23W51, 23W5101, 30W25, 30W2501, 69M08, 69M0801, 69M15, 69M1501, 50A66-122, 50A66-123, 50A66-743	White-Rodgers	50A66-743	29TH94

Electric Water Heater Thermostats and Limit Controls

Thermostats—Terminal 1 is common. 6XZV2 closes circuits 1 and 4 and opens circuits 1 and 2 on temperature rise.

Limit Control/Thermostats—Factory assembled.

Limit Control—Manual reset.

Description	Switch Action	Temp. Range (F)	Contact Rating Noninductive	Pilot Duty 120/480V (VA)	Watts	Item No.
Thermostat SPST	Open on Rise	90 to 150	120/240V 30 A 25 A 12.5 A	125	3,000 6,000	6XZV1
Thermostat SPDT	Open 1-2 on Rise	90 to 150	30 A 25 A 12.5 A	125	3,000 6,000	6XZV2
Limit Control/Thermostat	Open on Rise	90 to 150 (170 Fixed)	30 A 25 A 12.5 A	125	3,000 6,000	6XZV4
	Open 1-2 on Rise	90 to 150 (170 Fixed)	30 A 25 A 12.5 A	125	3,000 6,000	6XZV5
Limit Control DPST	Open on Rise	170 fixed	40 A 40 A 25 A	125	—	6XZV3

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