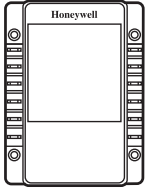


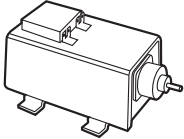
Heating Components

IGNITERS continued from previous page



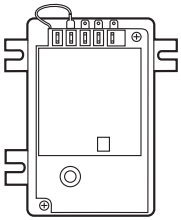
This igniter provides intermittent pilot burner ignition. S86E provides continuous trial for ignition. S86G and S86H provides safe lockout if pilot does not ignite in 90 second trial for ignition period. System volts - 25.

PART NO	MODEL NUMBER	COMPATIBLE H-W VALVE
LH660010	S86E	8,448,440
LH660011	S86H	ALL I.I.D. VALVES
LH680510	S86F	ALL I.I.D. VALVES



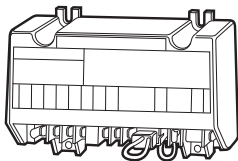
Use these igniters with the "J" style pilot burners. Igniters are suitable for panel mounting. The LH33CM600 may be mounted directly on Penn valves EF33CZ206 and 209. The LH33CZ003 can be mounted on Penn valve EF33CZ210 by removing mounting bracket. The LH33CM018 sensor and RM0 1680001 sensor cable are required. 24 volt system.

PART NO	MODEL NUMBER
LH33CM600	G60



Use these igniters with the "J" style pilot burners. Igniters are suitable for panel mounting. The LH33CM600 may be mounted directly on Penn valves EF33CZ206 and 209. The LH33CZ003 can be mounted on Penn valve EF33CZ210 by removing mounting bracket. The LH33CM018 sensor and RM01680001 sensor cable are required. 24 volt system.

PART NO	MODEL NUMBER
LH33CZ003	G67



Use these igniters with the "J" style pilot burners. Igniters are suitable for panel mounting. The LH33CM600 may be mounted directly on Penn valves EF33CZ206 and 209. The LH33CZ003 can be mounted on Penn valve EF33CZ210 by removing mounting bracket. The LH33CM018 sensor and RM01680001 sensor cable are required. 24 volt system.

PART NO
P691-S8610U

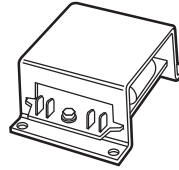
Universal Intermittent Pilot Module

- Provides ignition sequence, flame rectification and safety shutoff for intermittent pilot central furnaces and heating appliances.
- For use with single rod or dual rod/remote sense applications.
- For use with natural or LP gas.
- Replaces over 300 existing IP modules including Honeywell, Robertshaw, Penn Johnson, Fenwal and others.



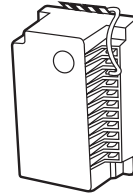
The SX611 Ignition Module generates a high-voltage spark and provides a continuous trial for pilot ignition. The SX611 will also automatically try to re-establish the pilot flame should it be extinguished while the thermostat is calling for heat.

PART NO	MODEL NUMBER
LH33EP040	SX611



Solid state igniter for use with glow coils used on 732 and 740 pilot burner. Igniter cycles glow coil and regulates coil voltage to increase coil life. System volts - 24

PART NO	MODEL NUMBER
LH33JZ050	870

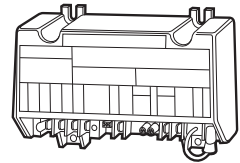


- Use with "J" style pilot.
- Panel mount.
- 24 volt.
- 100% lockout, 120 sec. nominal trial for ignition, w/4 sec. pilot gas prepurge.

PART NO	MODEL NUMBER
LH33CZ007	G770

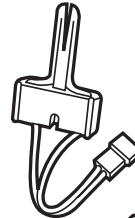
Universal Hot Surface Ignition Module

- Provides easy field-replacement of a wide range of hot surface ignition modules by Honeywell, Robertshaw and White Rodgers.
- Single rod or remote dual rod rectification type flame sensing.
- LED signals system lockout, weak flame signal or internal error.
- Selectable number of ignition trials (1 or 3).
- Selectable length of trial for ignition (4 or 7 seconds).



PART NO
P691-S910U

HOT SURFACE IGNITER



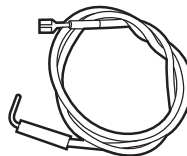
Designed for use with LH680-012or 013 flame sensor

PART NO	MODEL NUMBER
LH33ZS004	271



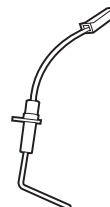
Designed specifically for use with LH68005 and LH33JZ053 pilot burners. Locating tabs and locking screw provide accurate location for required spark gap. Spike connection replaces quick connect style.

PART NO	MODEL NUMBER
LH680512	AM11



Provided with mounting clip. 60" leads with 5/64" thick insulation.

PART NO	MODEL NUMBER
LH33EW058	760-679



FLAME SENSOR

Sensor is designed for use with LH33ZS004 Hot Surface Igniter.

PART NO	MODEL NUMBER
80° FURNACE USE LH680012	CE6
90° FURNACE USE LH680013	CE6

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

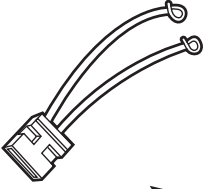
Tools &
Instruments

Refrigeration

Heating Components

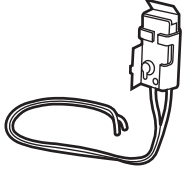
Compressors, Chillers, Condensers
Motors
Electrical
Heating Components
Indoor Air Quality
Thermostats
Oils & Chemicals
Accessories, Supplies & Commodities
Tools & Instruments
Refrigeration

GLOW COILS



This is the replacement ignition coil for the 2H pilot burner supplied in the LH68006 pile package. Use with 48DA660025 resistance wire package.

PART NO	PILOT STYLE	NOM VOLTS
LH39JZ051	2H	10



This igniter coil assembly is used with pilot burners LH68005 and LH33JZ053 glow coil voltage source must be limited to maximum of 11 volts.

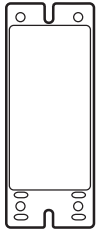
PART NO	PILOT STYLE	NOM VOLTS
LH39JZ020	740	10

UNIVERSAL THERMOCOUPLE

- Replaces almost any 30 mV thermocouple.
- Average operating life of ten years.
- Bottom lock design allows for one hand installation.
- Universal adapter makes this the two-to-one installer-preferred thermocouple in independent HVAC survey.

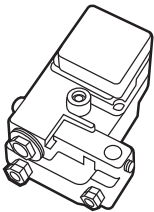
PART NO	HONEYWELL PART NO	DESCRIPTION
P671-Q340A-18	A340A1066	Thermocouple 18.
P671-Q340A-24	Q340A1074	Thermocouple 24.
P671-Q340A-30	Q340A1082	Thermocouple 30.
P671-Q340A-36	Q340A1090	Thermocouple 36.
P671-Q340A-48	Q340A1108	Thermocouple 48.

PILOT SAFETY SWITCHES



- Solid state lockout timer
- 30 second trial for ignition
- May be reset after 30 sec.
- 24 volt input

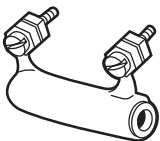
PART NO	MODEL NUMBER
HH72CH003	9901141



Manual reset pilot control which shuts off gas to pilot and main burners when pilot flame fails. Includes pilot gas filter. Use with nominal 30 mV thermocouple.

PART NO	MODEL NUMBER	TUBE SIZE
EF53FB020	C591A	1/4 O.D. "

RESISTORS



Resistors and resistance wire are required on some units to reduce the voltage to ignition glow coils. Refer to unit installation and service instructions.

PART NO	OHMS RESISTANCE	WATTS
HT21AU004	4	20
HT21AU020	5	20
55939D5	3	8

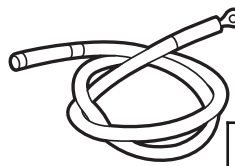
RESISTANCE WIRE



This package contains stainless resistance wire used in reducing the 24 volt power source to nominal 9-11 volts required on some glow coil igniters. Instruction sheet included.

PART NO	LENGTH (in)	OHMS PER FT
48DA660025	156	0.38

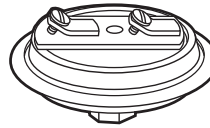
IGNITION LEADS



High Voltage Ignition Lead Silicone insulated wire for ignition systems where high temperature, moisture resistant ignition lead is required on outdoor equipment.

PART NO	END CONNECTIONS	WIRE LENGTH (in)
48MA403742	SPK. PLUG/RING TERM.	20
B0805050	SPARK PLUG	24
48DD410452	Q.C./PIN TERM.	24
301286-702	NONE	27
RM680002	QUICK CONNECT	24

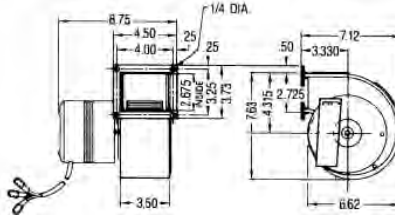
LOW PRESSURE SWITCH



These low pressure switches are used in ignition circuits to interrupt power when gas pressure is low or gas service to unit is shut down. Switch has 1/8" NPT connection on underside.

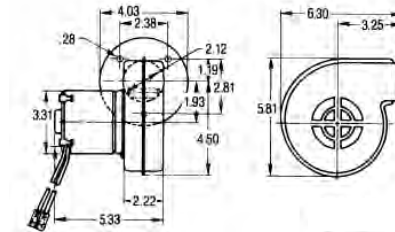
PART NO	RATING	PRESS SETTING
HK02LB005	1 AMP	2 WC "
HK02LB018	1 AMP	6 WC "

COMBUSTION BLOWER ASSEMBLY



- 100 CFM Max.
- 230 Volt
- 1/10 H.P.
- PSC motor
- 3450 RPM

PART NO
48DA660



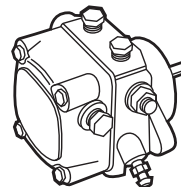
- 60 CFM Max.
- 230 Volt
- 1/80 H.P.
- Shaded pole motor
- 3200 RPM

PART NO
LA25UZ0

OIL BURNER COMPONENTS

OIL PUMPS

- Compact size
- 5/16" dia. shaft
- Integral bleed fitting for easy start up



PART NO	PUMP STAGES	PUMP RPM
58HH680027	1	1725
58HH680029	2	1725
58HH680001	1	3450
58HH680002	2	3450