



PRODUCT
CATALOG
2022-2023



FOR EXCELLENCE
IN
COMBUSTION

Welcome Readers

Founded in 2007 by Dr. Yang, Bngas has operated under a consistent premise: provide the finest in innovative gas appliance products and services to consumers. As the factory grew, it moved to Huzhou in Zhejiang province two years later.

Our small team in China strives to provide excellent service and high-quality parts for our customers. We carry parts for the most popular OEM brands to ensure the utmost quality.



DR.YANG

President
Bngas Ltd.

Scott yang

We are a global design, engineering, and manufacturing company that sells product solutions into the gas appliance industry and leverages this portfolio and technology into adjacent markets and after-sales channels.

We are specialized in designing and manufacturing gas appliance accessories, including gas burner, ODS, pilot burner, nozzle, electrode, ignitor, etc. They are mainly used in the gas grill, gas range, gas oven, gas heater, gas fireplace, and other gas appliances.

To be recognized as the leading sustainable partner for gas appliances solutions - and to enjoy the journey!

TABLE OF CONTENETS



Gas Burner

Gas burner is a device to generate a flame to heat up products using a gaseous fuel such as acetylene, natural gas or propane.

01



Pilot Burner & ODS

Pilot Burner is used as an ignition system in various gas appliances. There are mainly two types, thermoelectric type safety device and ion-detection safety device.

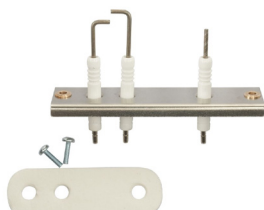
02



Thermocouple

The thermocouple is an electrical device consisting of two different conductors forming electrical junctions at differing temperatures.

03



Electrodes

The electrode is made up of ceramic body, electrode pin, with or without cable, bracket, and terminals.

04



Igniters

Piezo ignitor uses the piezoelectric effect of the piezoelectric ceramic to generate high voltage ignition and ignite flammable gases.

05



Brass Fittings

The Brass Fittings is an essential part of gas appliances. Its principal function is adjusting the gas flow rate and directly affects the flame.

06

能燃具

ONE

ALL

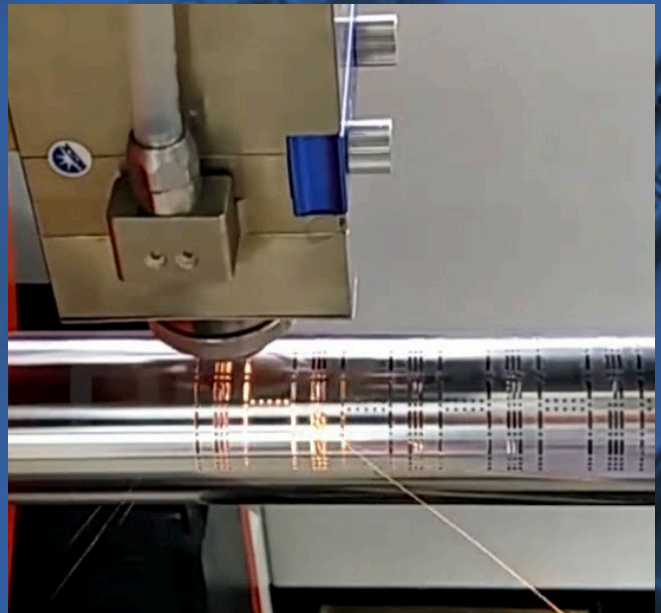
Bng 长兴中能燃具有限公司
Xingxing Zhongneng Gas Appliance Co., Ltd.

STOP SOLUTIONS



GAS BURNER BNPARTS™

Burners come in a variety of shapes, styles and materials and are described and referred to generally by their shape as viewed from the top.





GAS BURNER

TUBULAR BURNERS

This is Premium product for you

★
Exclusive



Burners are customized and designed according to the type of equipment to include the most appropriate features, which are different for each type of application.

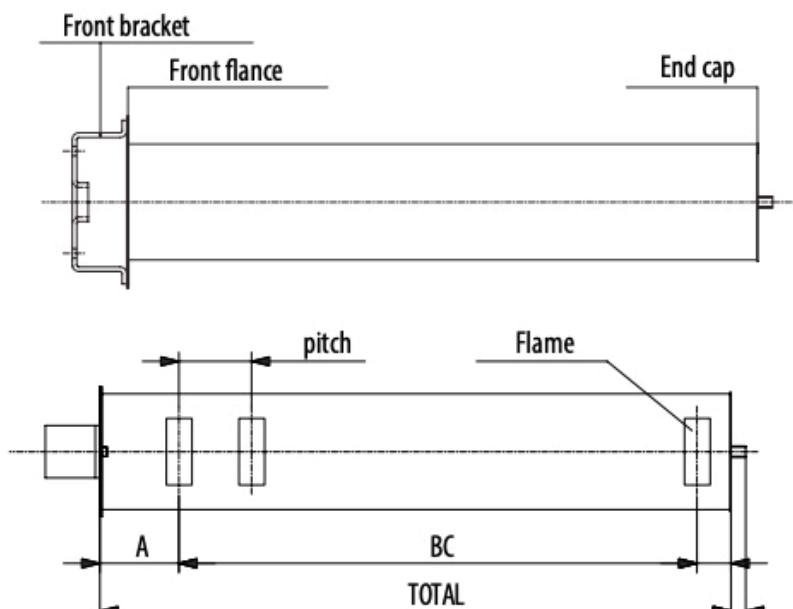
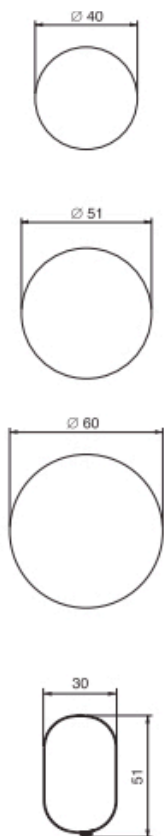
Tubular burners belong to a partially premixed burner series, so combustion is carried out through primary and secondary air.

The flame is very quiet, allowing about 40-50% of the heat capacity to be modulated.

The burner is made of stainless steel and the second and third series of gases can be used simply by replacing the injector. With a few exceptions, there is no need to adjust the air.

Because the product can be used in a variety of devices, tubular burners can be equipped with a series of accessories to facilitate their applications, such as brackets, injectors, nozzle brackets, fuse cords, gas manifolds, etc.

The diameter and shape of the burner are selected according to the type of equipment, the size of the combustion chamber, and the required power, as shown in the size table.





»» Size Table Tubular burners

Model	Maximum Total Length	Maximum Nominal Input
mm	mm	kw
Ø40	680	10
Ø50	980	20
Ø60	900	35
30×50	700	10



Tubular burners can adapt to a wide range of applications, among which are:

- floor standing boilers
- boilers with shell and tube heat exchangers
- large storage water heaters
- stoves
- air heaters/hot air generators
- fireplaces
- devices for Catering, for example: cooking ranges, ovens, pasta-cookers, fryers, etc.



Burner Materials

Different materials are used in burner construction with some materials being more resistant to corrosion than others. All warranty periods below are as generally given by the grill manufacturers for the types of material listed. Individual warranties vary greatly among manufacturers and burner life is greatly dependent on usage, maintenance and environment.

- Aluminized Steel
- Stainless Steel
- Cast Iron

GAS BURNER

RELATED PRODUCTS



Model ID: BN1101



Model ID: BN1102



Model ID: BN1103



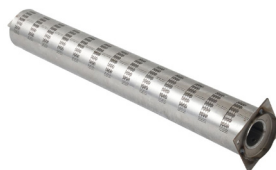
Model ID: BN1104



Model ID: BN1105



Model ID: BN1106



Model ID: BN1107



Model ID: BN1108



Model ID: BN1109



Model ID: BN1110



Model ID: BN1111



Model ID: BN1112



Model ID: BN1113



Model ID: BN1114



Model ID: BN1115



Model ID: BN1116



Model ID: BN1117



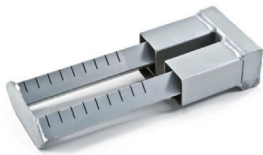
Model ID: BN1118



Model ID: BN1119



Model ID: BN1120



Model ID: BN1121



Model ID: BN1122



Model ID: BN1123



Model ID: BN1124



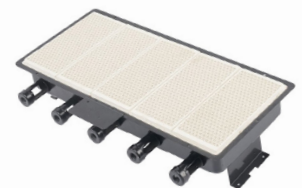
Model ID: BN1125



Model ID: BN1126



Model ID: BN1127



Model ID: BN1128



Model ID: BN1129



Model ID: BN1130



Model ID: BN1131



Model ID: BN1132



PILOT BURNER ODS BNPARTS

Pilot Burner is used as an ignition system in gas appliances. There are mainly two types, thermoelectric and ODS (Oxygen Depletion Sensor) detection safety device.



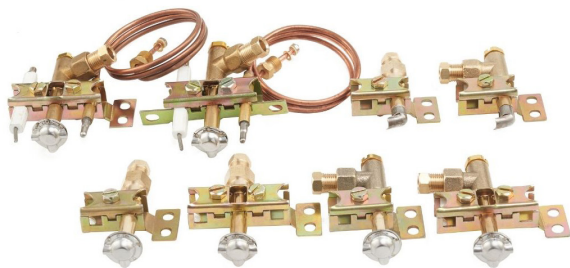
NER &

S™

in various gas appliances.
ic type safety device and ion-

PILOT BURNER

—★—
Exclusive



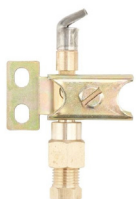
Pilot Burner 0205 Series

They can be supplied in various versions:

- 1-2-3 flame hoods with different orientations
- 2 or 3 positions brackets, for use with thermocouples with unified sleeve (unless otherwise specified)
- spark electrode available
- 4 mm, 6 mm and 1/4" connections
- horizontal or vertical gas inlet
- internal or external gas adjustment, or fixed injector

The low-energy pilot-burners are the ones most indicated for use in all those situations where limited consumption is required.

»» Similar Products



Model ID: BN2205-1SN

Pilot Hood: 1 flame
Gas Source: NG / LPG
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections



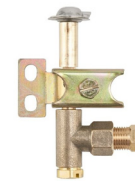
Model ID: BN2205-1STD

Pilot Hood: 1 flame
Gas Source: ALL GAS
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections



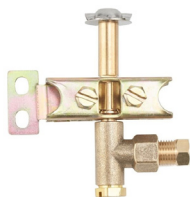
Model ID: BN2205-2SN

Pilot Hood: 2 flame
Gas Source: NG / LPG
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections



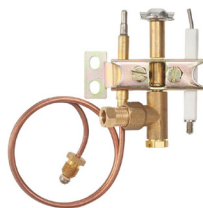
Model ID: BN2205-2STD

Pilot Hood: 2 flame
Gas Source: ALL GAS
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections



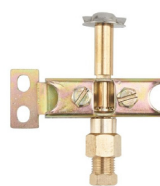
Model ID: BN2205-3BD

Pilot Hood: 3 flame
Gas Source: ALL GAS
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections



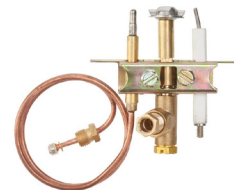
Model ID: BN2205-3BDGROUP

Pilot Hood: 3 flame
Gas Source: ALL GAS
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections



Model ID: BN2205-3BN

Pilot Hood: 3 flame
Gas Source: NG / LPG
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections



Model ID: BN2205A-3BDGROUP

Pilot Hood: 3 flame
Gas Source: ALL GAS
Pilot Tube shear-off: 4 mm, 6 mm and 1/4" connections

Pilot Burner BN2203



- various types of brackets
- internal or external air-intake to the combustion chamber
- 3 flame hoods with different orientations
- removable pilot hood for top convertible version
- with or without spark electrode

Pilot Burner BN2214



- various types of brackets
- internal or external air-intake to the combustion chamber
- 1-2-3 flame hoods on vertical or horizontal plane
- with or without spark electrode
- vertical or inclined thermocouple
- 4 mm, 6 mm and 1/4" connections
- primary air filter.

Pilot Burner BN2218



- various types of brackets
- 1 or 2 flame hoods
- with or without spark electrode
- 2 different height levels of the pilot flame
- 4 mm, 6 mm and 1/4" connections

Pilot Burner BN2218A



- 1 or 2 flame hoods
- with or without spark electrode
- 2 different height levels of the pilot flame
- 4 mm, 6 mm and 1/4" connections

PILOT BURNER

RELATED PRODUCTS



Model ID: BN2201
Pilot Hood: 1 flame
Gas Source: NG / LPG



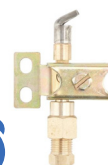
Model ID: BN2202
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2203
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2204
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2205-1SN
Pilot Hood: 1 flame
Gas Source: NG / LPG



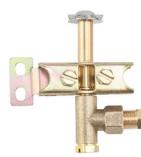
Model ID: BN2205-1STD
Pilot Hood: 1 flame
Gas Source: ALL GAS



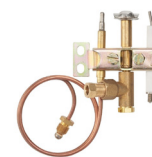
Model ID: BN2205-2SN
Pilot Hood: 2 flame
Gas Source: NG / LPG



Model ID: BN2205-2STD
Pilot Hood: 2 flame
Gas Source: ALL GAS



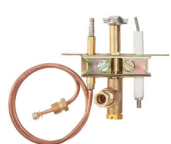
Model ID: BN2205-3BD
Pilot Hood: 3 flame
Gas Source: ALL GAS



Model ID: BN2205-3BDGROUP
Pilot Hood: 3 flame
Gas Source: ALL GAS



Model ID: BN2205-3BN
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2205A-3BDGROUP
Pilot Hood: 3 flame
Gas Source: ALL GAS



Model ID: BN2206
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2207
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2208
Pilot Hood: 2 flame
Gas Source: NG / LPG



Model ID: BN2209
Pilot Hood: 2 flame
Gas Source: NG / LPG



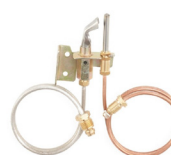
Model ID: BN2210
Pilot Hood: 2 flame
Gas Source: NG / LPG



Model ID: BN2211
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2212
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2213
Pilot Hood: 2 flame
Gas Source: NG / LPG



Model ID: BN2214
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2215
Pilot Hood: 2 flame
Gas Source: NG / LPG



Model ID: BN2216
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2216A
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2217
Pilot Hood: 2 flame
Gas Source: NG / LPG



Model ID: BN2218
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2218A
Pilot Hood: 1 or 2 flame
Gas Source: NG / LPG



Model ID: BN2219
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2220
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2221
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2222
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2223
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2224
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2225
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2226
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN2227
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2228
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2229
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2230
Pilot Hood: 1 flame
Gas Source: NG / LPG



Model ID: BN2231
Pilot Hood: 2 flame
Gas Source: NG / LPG

Oxygen Depletion Sensor

BN3308 SERIES

- 4 mm, 6 mm and 1/4" pilot tube shear-off
- with or without thermopile support
- different types of brackets
- with one-wire or interrupted thermocouple.

Features of all versions:

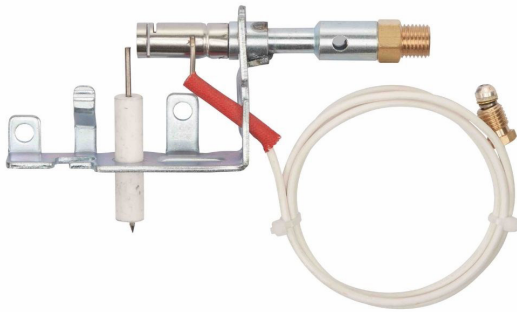
- single flame burner with horizontal exit
- thermocouple welded on the burner

- 4 mm, 6 mm and 1/4" pilot tube shear-off
- with or without thermopile support
- with one-wire or interrupted thermocouple.

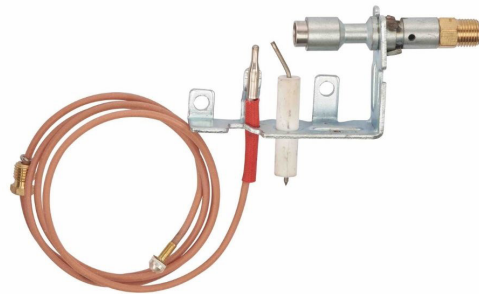
Features of all versions:

- single flame burner with horizontal exit
- thermocouple welded on the burner

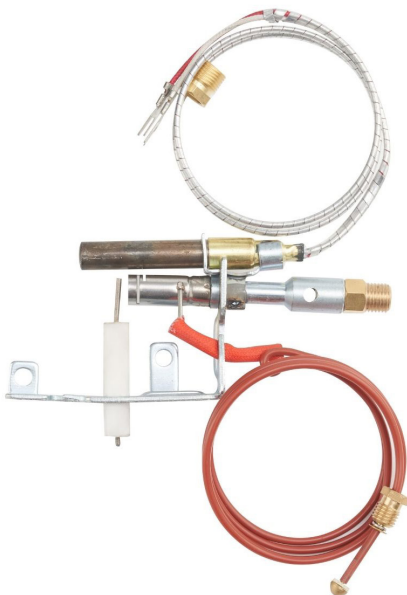
BN3308_LPG



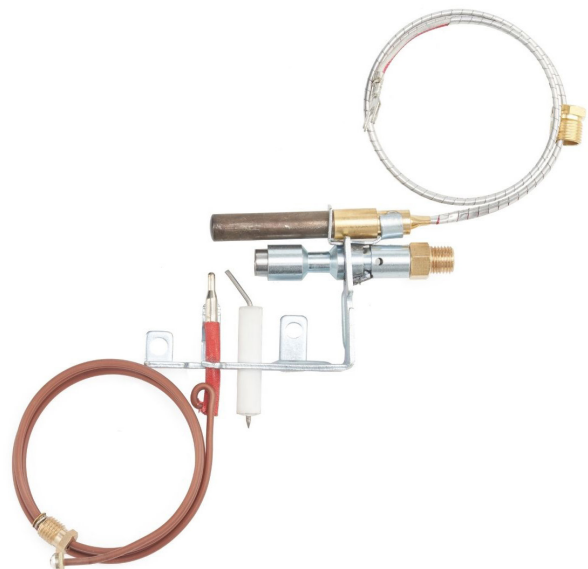
BN3308_NG



BN3308A_LPG

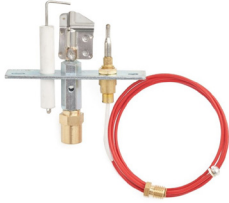


BN3308A_NG

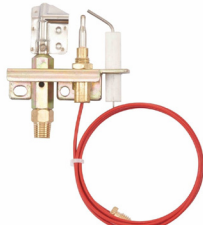


ODS

RELATED PRODUCTS



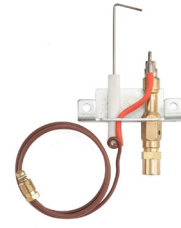
Model ID: BN3301
Pilot Hood: 2 flame
Gas Source: NG / LPG
Type: ODS Pilot



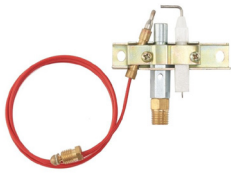
Model ID: BN3302
Pilot Hood: 2 flame
Gas Source: NG / LPG
Type: ODS Pilot



Model ID: BN3303_LPG
Pilot Hood: 1 flame
Gas Source: LPG



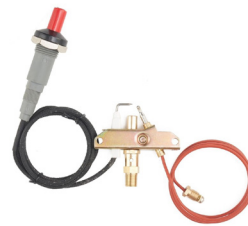
Model ID: BN3303_NG
Pilot Hood: 1 flame
Gas Source: NG



Model ID: BN3304
Pilot Hood: 1 flame
Gas Source: NG / LPG



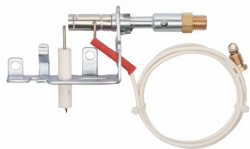
Model ID: BN3305
Pilot Hood: 1 flame
Gas Source: NG / LPG



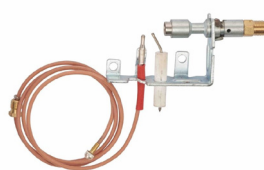
Model ID: BN3306
Pilot Hood: 1 flame
Gas Source: NG / LPG



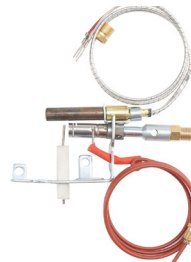
Model ID: BN3307
Pilot Hood: 1 flame
Gas Source: NG / LPG



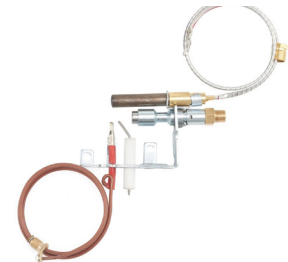
Model ID: BN3308_LPG
Pilot Hood: 1 flame
Gas Source: LPG



Model ID: BN3308_NG
Pilot Hood: 1 flame
Gas Source: NG



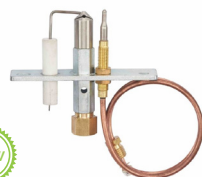
Model ID: BN3308A_LPG
Pilot Hood: 1 flame
Gas Source: LPG



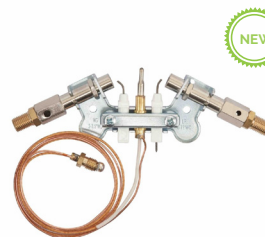
Model ID: BN3308A_NG
Pilot Hood: 1 flame
Gas Source: NG



Model ID: BN3309
Pilot Hood: 2 flame
Gas Source: NG / LPG



Model ID: BN3310
Pilot Hood: 3 flame
Gas Source: NG / LPG



Model ID: BN3311
Pilot Hood: 1 flame
Gas Source: NG & LPG



Model ID: BN3312
Pilot Hood: 1 flame
Gas Source: NG & LPG

THERMOPILE

★
Exclusive



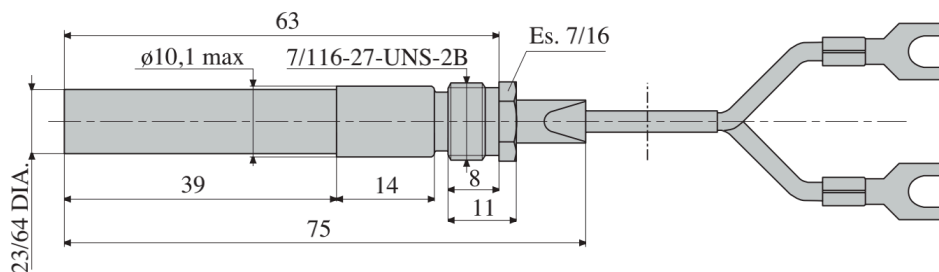
Thermopile

Bnparts Thermopile for Various Gas Units.

Model ID: BN4403

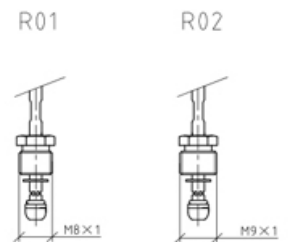
An often accompanying term when speaking of thermocouples, a thermopile is nothing more than a series of thermocouples that are tightly bundled within a larger probe. Gas appliances that require a larger amount of millivoltage to power the gas valve or other peripherals may use these higher output devices.

THERMOPILE



The product specification

Voltage: 750 mV
Connection Type: Spade Termin
Lead Length (in.): 23 in. (Can be c
Lead Length (mm): 584 mm (Can
Open Circuit Output (mV): 400 m
Resistance: 2.88 ohms Temperat
Temperature Ratings (C): Hot Ju
Temperature Ratings (F): Cold Ju
Temperature Ratings (C): Cold Ju
Includes: Thermopile attaching n



Thermopile

Bngas Thermopile for Various Gas Units.

Model ID: BN4403

use the Braided wire

THERMOCOUPLE



Thermocouple

Bngas Thermocouple for Various Gas Units.

Model ID: BN4409

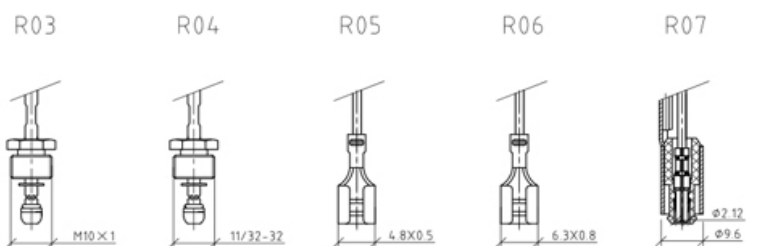
This series is made for use on a vast range of gas appliance in which normal intervention times are requested for both ignition and shutdown. The BN4409 thermocouple can be supplied in various lengths:

- from 200 to 1,800 mm
- with different mounting sleeves
- with different fixing connectors.

ons for the BN4403 are as follows:

als
(customized)
h be customized)
V to 750 mV
ture Ratings (F): Hot Junction 1400 F
unction 760 C
unction 780 F
unction 416 C
ut

Thermocouple Joint



Copper capillary



One-wire



Double-wire



A thermocouple is a very small thermal generator, which consists of two dissimilar metals fused together at what is known as a cold junction. Focused pilot flames heat the thermocouple and produce the needed voltage for the pilot plunger in the valve to stay open. If the pilot flame goes out for any reason, the pilot plunger will snap closed and gas will cease to flow.

THERMOCOUPLE & THERMOPILE

RELATED PRODUCTS



Model ID: BN4401



Model ID: BN4402



Model ID: BN4403



Model ID: BN4404



Model ID: BN4405



Model ID: BN4406



Model ID: BN4407



Model ID: BN4408



Model ID: BN4409



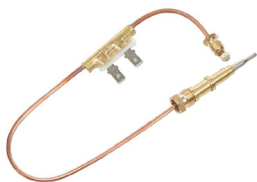
Model ID: BN4410



Model ID: BN4411



Model ID: BN4412



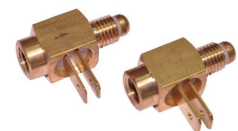
Model ID: BN4413



Model ID: BN4414



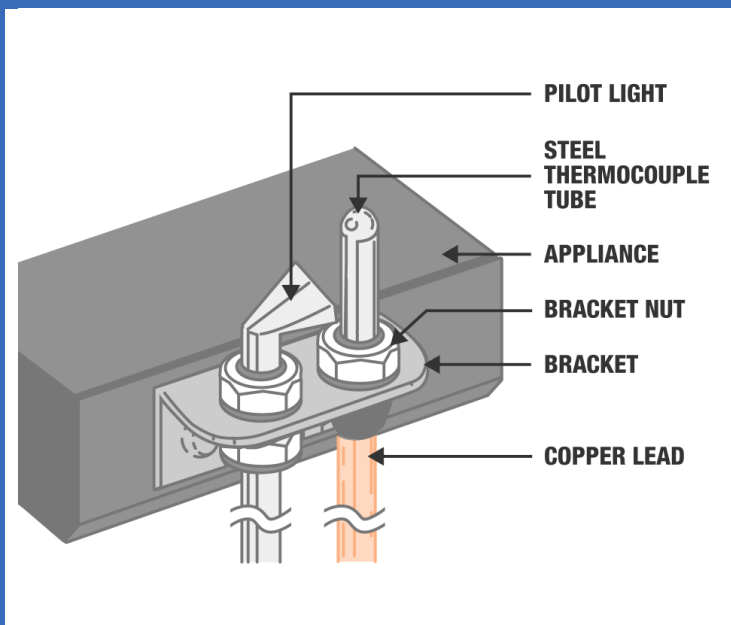
Model ID: BN4415



Model ID: BN4416

How to Replace a Thermocouple

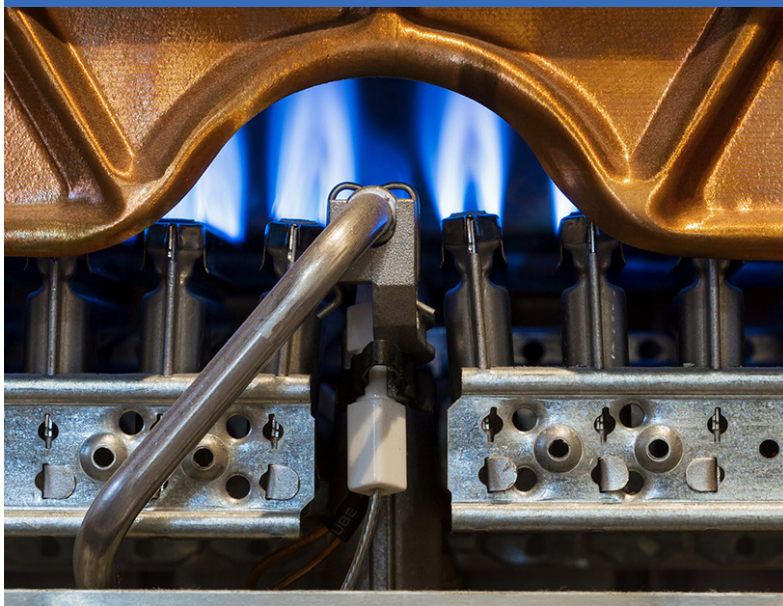
- If a pilot light goes out in a water heater, furnace, or other gas appliance, customers will face a loss of heat or other inconveniences. Thermocouples are designed to detect a pilot light's loss of heat and close the gas valve to prevent a gas leak.
- Replacing a thermocouple is a relatively easy fix that can take less than two hours. This guide reviews how to replace a thermocouple to ensure gas appliances stay in good working order, as well as how to relight a pilot light.



Before and After You Replace a Thermocouple

Before replacing a thermocouple or performing any repair on a gas appliance, follow these safety steps.

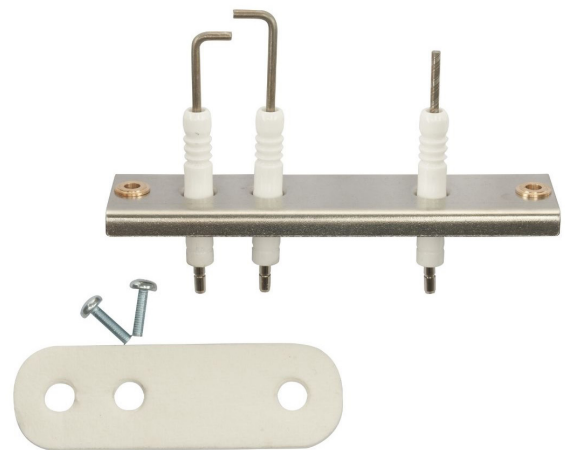
- Turn off the power to the unit or flip the appropriate circuit breaker.
- Shut off the gas.
- Turn the gas valve to the "Off" position.
- Give the appliance at least five minutes to cool down and let any residual gas clear out.



After cleaning or replacing the thermocouple, you will want to test the appliance by relighting the pilot.

- Turn the gas regulator valve to the "pilot" position.
- If the water heater has a manual "ignite" button, press that to light the pilot.
- If it doesn't have a manual ignite button, or the button fails, press the regulator valve and bring a long utility lighter to the pilot light valve until the pilot ignites.
- Once the pilot light stays lit, turn the valve to the "on" position. You should hear the appliance activate.
- It may take several attempts to light the pilot. If you run the gas for a couple of seconds without ignition, take a few minutes to let the gas clear before trying again.
- Pro Tip: If you smell gas or hear a hissing sound, do not attempt to relight the pilot. Ask your customers to immediately evacuate the building. A multifamily building also evacuated nearby units. Turn the gas off at the meter. You may need to contact property management, the local gas company, or a senior plumber on your team before testing the leak.

IGNITION ELECTRODE AND IONIZATION PROBES





ELECTRODE



Dimensional Control ►



Pressure Control ▼



Electrode

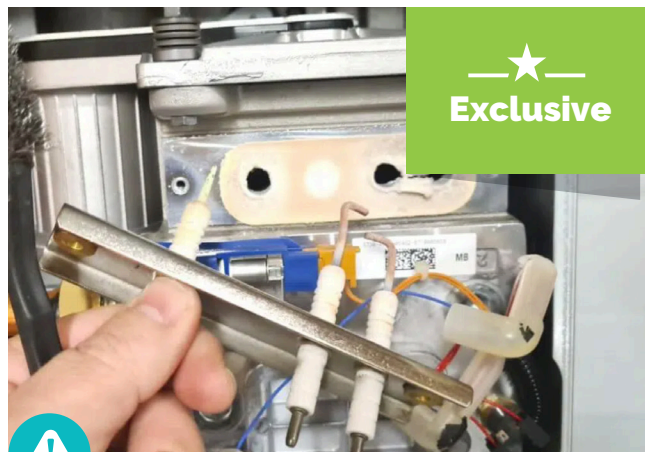
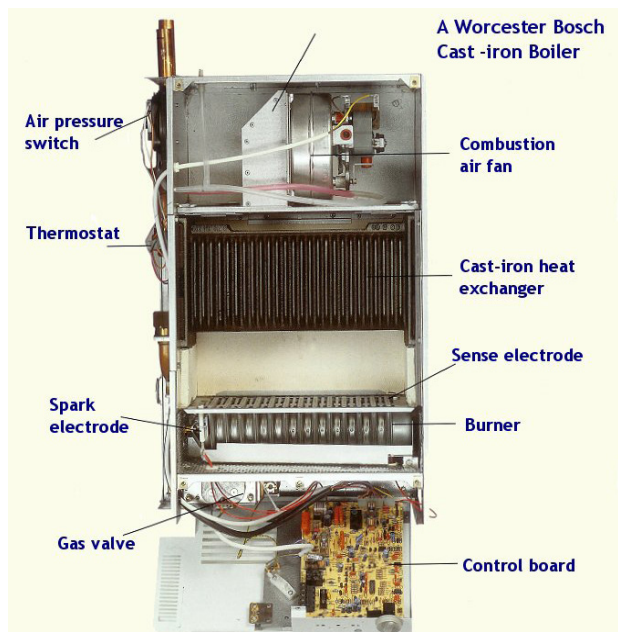
IGNITION ELECTRODES AND IONIZATION PROBES

Ignition electrodes and ionisation probes are used for the ignition of gaseous fuel in gas appliances. They operate on the principle of ignition by jumping of a high voltage spark. Here, the centre electrode must not be permanently in the flame. The ignition electrode and ionisation probe are placed together in the combustion chamber of the gas appliance – gas boilers, water heaters, gas stoves, etc.

The ignition electrodes can be used as ionisation probes and vice-versa. But it is always necessary to respected their location, i.e. the ignition electrode must be outside the flame, and only the central electrode of the ionisation probe must be in the flame. The ignition electrodes and ionisation probes are made from high quality materials. The insulator is made of OXAL ceramics with a high content of Al_2O_3 . The characteristic feature of this ceramic material is high mechanical strength and resistance to thermal and electrical stress (electrical insulator strength is 18 kV). The centre electrode is made of special refractory material – Kanthal, which is resistant to high temperature and electrochemical corrosion.

IONISATION PROBES

are used as combustion sensors in gas devices. The centre electrode is permanently in the flame. The rest of the parts of the probe must be positioned in the burner space in such a way that they are not subjected to natural cooling.

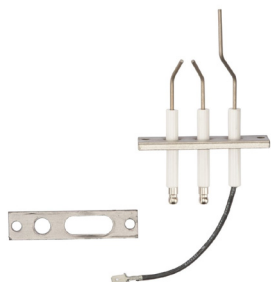


IONISATION PROBES

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ELECTRODE

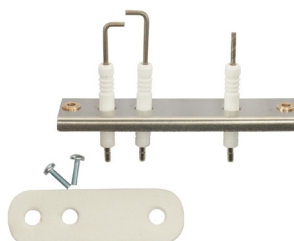
RELATED PRODUCTS



Model ID: BN5501



Model ID: BN5502



Model ID: BN5503



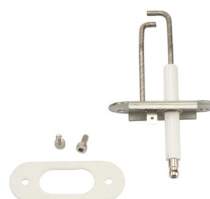
Model ID: BN5504



Model ID: BN5505



Model ID: BN5506



Model ID: BN5507



Model ID: BN5508



Model ID: BN5509



Model ID: BN5510



Model ID: BN5511



Model ID: BN5512



Model ID: BN5513



Model ID: BN5514



Model ID: BN5515



Model ID: BN5516

IGNITERS

Piezo Ignitor



Piezo igniters can be produced in many different types based on 3 main body models.

How does the piezo ignitor work?

Piezo ignitor is also known as the "push button" igniter. It's used in gas grills, portable camping stoves, and other devices.

- Certain crystalline materials (like quartz, Rochelle salt, and certain ceramics) have piezoelectric behavior.
- The Piezo ignitor consists of a small spring-loaded hammer and a piezoelectric crystal. "Piezo," in Greek means "pressure". When you apply pressure to the crystal, you get a charge separation within the crystal and a voltage across the crystal that is sometimes extremely high.
- When the button on a piezoelectric ignitor is pressed, the spring-loaded hammer strikes the crystal which creates a voltage when deformed. This sudden forceful deformation produces a high voltage and subsequent electrical discharge. The ignitor then sends this high voltage electrical charge along the wire to the electrode, which ignites the gas.

DC Pulse Ignitor

This product is a pulse igniter that uses a pulse principle to generate a continuous instantaneous electric spark to ignite a gas-fired electronic product.

- Spark output terminal: 1/2/3/4/5/6 output terminals
- Input power: DC1.5V / one AA battery
- Output voltage: 22KV and above
- Application range: gas stoves, stoves, water heaters, gas lamps, barbecues and other gas appliances

Our electrical igniter models are CE & CSA certified.

AC Pulse Ignitor



BN6616



BN6614

Bngas has been manufacturing its own new design electrical igniter for the cooking range, heaters, combi heaters, water heaters and gas heaters since 2007.

Electrical igniters have screw fixation, clip fixation and self-switched bodies. There are models from 1 to 8 outlets and they can be produced with different technical specifications (Voltage, Energy and Frequency), with/without filter and with/without earth terminal.

Our electrical igniter models are CE & IMQ certified.

Model #	Outlet Number	Power Voltage	Power Frequency	Absorbed Supply	Number of discharge per second
BN6616-2A	2	100-242V	50-60 Hz	0.4-1.6 VA	2-4 / 6-10
BN6616-4A	4	100-242V	50-60 Hz	0.4-1.6 VA	2-4 / 6-10
BN6616-6A	6	100-242V	50-60 Hz	0.4-1.6 VA	2-4 / 6-10
BN6616-8A	8	100-242V	50-60 Hz	0.4-1.6 VA	2-4 / 6-10



BN6612

Hot surface Ignitor

Invented in 1969, these igniters are composed of advanced ceramic materials. These devices are also the most commonly used electronic ignition systems today. They are generally employed for applications such as space furnaces and heaters. Hot surface igniters are commonly used for their reliability and durability potential.

Hot Surface Igniter Configuration

The two composition materials generally associated with hot surface igniters are silicon carbide and silicon nitride.

- Silicon carbide is a compound of carbon and silicon and is characterized by a low density and oxidation resistance. This compound, seen in igniters, has good high-temperature strength.
- Silicon nitride is a chemical compound of silicon and nitrogen. It is a hard ceramic with high strength and is durable over a broad temperature range. Its notable characteristics include durability over a high-temperature range. (WHAT BNGAS HAVE)

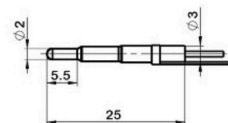


How do I know if my hot surface ignitor is bad? How do you test a hot surface ignitor?

- As a hot surface ignitor is a resistance (thermal resistance producing heat), the only way to check if an ignitor is bad or broken is to check the resistance value.
- You will need to use an ohmmeter or multimeter to measure the cold resistance (when off) value of the igniter. Set the multimeter so it can properly measure the resistance of 10 to 200 ohms (at room temperature 21-23 °C). Disconnect the hot surface ignitor from the control board and measure the resistance at the two electrodes (no polarity). A good silicon nitride hot surface ignitor will have a resistance of 30 to 75 ohms. Greater than 75 ohms indicates a failing or failed hot surface ignitor. If you get 0 or ∞ or no reading at all, it means that the resistance is broken, so the igniter is broken and should be replaced.

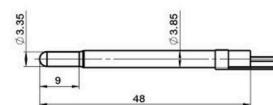
»» Product Selection

T Series Head



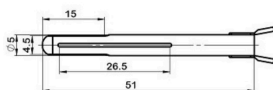
Rated Voltage Range	6V,10V,12V,15V,18V,24V
Cold Resistance	0.2 - 5.0 Ω
Temperature Increase Time	3 Sec reach 1100 °C
Temperature Range	≥ 1100 °C
Nominal Power	20 W

F Series Head



Rated Voltage Range	5V,7V,12V,18V,21V,24V
Cold Resistance	0.15 - 4.5 Ω
Temperature Increase Time	7 Sec reach 1000 °C
Temperature Range	≥ 1050 °C
Nominal Power	42 W

H Series Head



Rated Voltage Range	48V, 110V, 120V
Cold Resistance	4 - 40 Ω
Temperature Increase Time	17 Sec reach 1100 °C
Temperature Range	≥ 1100 °C
Nominal Power	90 W

IGNITERS

RELATED PRODUCTS



Model ID: BN6601
Mounting diameter: 22 mm
Connection: ø2.35 mm



Model ID: BN6602
Diameter: 18 mm
Connection: ø2.35 mm



Model ID: BN6603
Mounting diameter: 18 mm
Connection: ø2.35 mm



Model ID: BN6604
Diameter: 18 mm
Connection: ø2.35 mm



Model ID: BN6605
Mounting diameter: 18 mm
Connection: ø2.35 mm



Model ID: BN6606
Mounting diameter: 18 mm
Connection: ø2.35 mm



Model ID: BN6607
Diameter: 18 mm
Connection: ø2.35 mm



Model ID: BN6608
Diameter: 22 mm
Connection: F6.3x0.8



Model ID: BN6611
Rotary piezo 3-outlet spark generator



Model ID: BN6610
Voltage: 24 V
Cold Resistance: 2.5-5.0Ω @25°C
Temperature Increase Time: 3Sec reach 1100 °C



Model ID: BN6611
Voltage: 120 V
Cold Resistance: 18-40Ω @25°C
Temperature Increase Time: 17Sec reach 1100 °C



Model ID: BN6612
Voltage: 120 V
Cold Resistance: 18-40Ω @25°C
Temperature Increase Time: 17Sec reach 1100 °C



Model ID: BN6613
Voltage: 120 V
Cold Resistance: 5.0-16Ω @25°C
Temperature Increase Time: 17Sec reach 1080 °C



Model ID: BN6614
Input power: DC 1.5V/1 * AAA battery
Output voltage: 16-18 KV



Model ID: BN6615
Input power: 1 * AAA /AA battery
Output voltage: 16-18 KV



Model ID: BN6616
Input power: AC 110-242 V
Outlet Number: 2/4/6/8
Power frequency: 50-60 Hz

BRASS FITTINGS

RELATED PRODUCTS



Model ID: BN7701
Inlet Connection: QCC
(1.312"-5ACME)
Outlet Connection: 1.312"-5ACME
Male & 0.880"-14NGO-LH Female



Model ID: BN7702
Inlet Connection: POL
(0.880"-14NGO-LH Male)
Outlet Connection: 1.312"-5ACME
Male & 0.880"-14NGO-LH Female



Model ID: BN7703
Inlet Connection: QCC
(1.312"-5ACME)
Outlet Connection: CGA600
(1"-20UNEF)



Model ID: BN7704
Inlet Connection: 1/2"
Quick-connect
Outlet Connection: 1/2" NPT



Model ID: BN7705
Inlet Connection: QCC
(1.312"-5ACME)
Outlet Connection: CGA600 (1"-20UNEF)



Model ID: BN7706
Inlet Connection: POL
(0.880"-14NGO-LH Male)
Outlet Connection: 1.312"-5ACME
Male & 0.880"-14NGO-LH Female



Model ID: BN7707
Inlet Connection: POL
(0.880"-14NGO-LH Male)
Outlet Connection: CGA600 (1"-20UNEF)



Model ID: BN7708
Inlet Connection: 1/4" RV
Quick Connect
Outlet Connection: 17" and 22"
Blackstone Grill



Model ID: BN7709
Connection: CGA600
(1"-20UNEF)
Connection: 7/16"-28 UNEF



Model ID: BN7710
Inlet Connection: 1/4"
Quick-connect
Outlet Connection: 1/4" NPT



Model ID: BN7711
Inline Quick Release Fitting
Coupling for 8mm i-d propane-butane gas Hose



Model ID: BN7712
GAS Test Point Valve Propane
Butane Male 3/8" x Female 3/8"



Model ID: BN7713
Gas Cooker Oven Gas Pipe Inlet
Adaptor 1/2" BSP



Model ID: BN7714
1/2" BSP Female fitting to LPG
Fulham nozzle to 8mm I/D Hose



Model ID: BN7715
Gas Hose Nozzle - 1/2" BSP TM x
10mm OD Nipple For 8mm Bore



Model ID: BN7716
Gas Hob Cooktop Oven Inlet Pipe
Elbow Joint 1/2" Female x 1/2"
Male



Product CATALOG

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