



Gas Valve | Thermostat | Burner | Accessories | Total Solution

A chef with a beard, wearing a white chef's coat, is focused on chopping vegetables on a wooden cutting board. The board contains sliced eggplants, a whole eggplant, and a red onion. In the foreground, there is a large head of cauliflower, a head of broccoli, a whole butternut squash, and several red bell peppers. The background is a kitchen setting with stainless steel equipment.

General Catalog



Alpha Brass Controls Inc. founded in 1989, experts in Commercial Gas Controls. With supporting the total kitchen solutions for it's valves, thermostat, limited switch, pilot assembly, and burners. Over 60 countries customers sales roadmap by experiments, standards, certifications, quality. The ODM/ OBM service also available.







Commercial Gas Cooking  
Components experts



# Total Solution

## *Provider of Cooking Appliances*



The **Range** is the kitchen appliance with both an oven and a stovetop combined. The freestanding range is the most commonly used range style in the industry. However, they can accommodate more than one oven type and support accessories such as griddles or broilers on the stovetop. Alpha Brass controls provides corresponding parts solutions for all kinds of ranges.



A commercial **Oven** is a kitchen appliance used for heating and baking foods in a professional setting. Establishments such as restaurants, bakeries, and cafeterias often use commercial ovens. Whether a traditional gas oven, electric oven, or convection oven, you can find the best matching parts in our oven solution.



**Griddles** are the backbone of many restaurant kitchens. They're a quick, efficient, and versatile cooking tool that makes it easy to prepare several foods at once. The functional requirements of all kinds of griddles can be met by our griddle solutions.



A commercial deep **Fryer** is a kitchen appliance designed to heat large quantities of cooking oil for deep frying large quantities of foods. Our fryer solutions are with precise temperature control, fast heating speed, and high safety. It is a must-have high-quality components for your fryer.



The **Pizza Oven** with much higher temperatures features cooks the pizza in around 90 seconds to give the texture far superior. There is a crisp crust but with a moist interior. Our pizza oven solution provides high combustion efficiency and the firepower adjustment function, which is environmentally friendly and energy-saving.



Chinese cuisine has special requirements for instantaneous maximization and rapid switching of firepower. our **Chinese Wok** Solution is different from the traditional one, which is energy-saving, intelligent, and quiet. It can linearly and intelligently control the firepower by using the APV01 proportional valve.



It is designed to withstand the most demanding of kitchen routines. **Stock Pots** are also used for cooking stews, porridge, boiled foods, steamed, and many other types of recipes.



The gas **Braising Pan** is excellent for cooking flavourful pasta, soups, and stews. Safe, reliable ignition and flame failure system combined with a proven, self-powered pilot head for added convenience to users.



The structure of the **Tandoor** is a curved cylindrical shape. Its temperature can reach 450 to 900 degrees Celsius. The food cooked in this way is charred on the outside, tender and flavorful on the inside, and the meat is full and juicy, making it one of the most important parts of North Indian cuisine. Our customized commercial cooking appliance solutions meet a wide variety of needs.



# GAS VALVES

## On/Off Valve

Provides gas valves conform in all aspects to international high-quality standards.

A18-X1X On/Off Gas Valve



BTU 33,000

KW 9

MJ 34



AR19-L1 H-M-L Gas Valve



BTU 33,000

KW 9

MJ 34



AR19-PT On/Off Gas Valve



BTU 33,000

KW 9

MJ 34



A23 High Capacity Gas Valve



BTU 50,000

KW 14

MJ 52



A50 On/Off Gas Valve with Pilot



BTU 62,000

KW 18

MJ 65



A17 On/Off Gas Valve



BTU 72,200

KW 21

MJ 76



AW5 Wok Valve



BTU 100,000

KW 29

MJ 105



AW10 Wok Valve



BTU 142,000

KW 41

MJ 149



AW20 Wok Valve



BTU 240,000

KW 70

MJ 253







# Pilot Valve

It can be applied to various commercial gas cooking appliances.

# Safety Valve

100% in-house quality assurance.

AP5 Pilot Valve



BTU 2,700  
KW 0.79  
MJ 2



AP6 Pilot Valve



BTU 3,200  
KW 0.93  
MJ 3



AP7 Pilot Valve



BTU 2,500  
KW 0.73  
MJ 2



A30 Pilot Valve



BTU 35,000  
KW 10  
MJ 36



A60 Safety Valve with Pilot



BTU 43,000  
KW 12  
MJ 45



A60U Safety Valve with Pilot



BTU 43,000  
KW 13  
MJ 45



A60W Safety Valve without Pilot



BTU 43,000  
KW 13  
MJ 45



A60S Safety Valve with Pilot



BTU 43,000  
KW 12  
MJ 45



A60SW Safety Valve without Pilot



BTU 43,000  
KW 13  
MJ 45





### A62 Safety Valve with Pilot



BTU 70,000  
KW 20  
MJ 73

SP<sub>US</sub> △ CE AQA

### A62V Safety Valve



BTU 70,000  
KW 20  
MJ 73

SP<sub>US</sub> △ CE AQA

### A62U Safety Valve with Pilot



BTU 70,000  
KW 21  
MJ 75

SP<sub>US</sub> △ CE AQA

### A62-I Safety Valve with Pilot and Auto-ignition



BTU 70,000  
KW 20  
MJ 73

SP<sub>US</sub> △ AQA

### A62UV Safety Valve with Pilot



BTU 70,000  
KW 21  
MJ 75

SP<sub>US</sub> △ CE AQA

### AJ02 Safety Valve with Pilot



BTU 70,000  
KW 20.5  
MJ 74

SP<sub>US</sub> △ CE

### A12-I Safety Valve with Pilot and Auto-ignition



BTU 36,000  
KW 10  
MJ 37

SP<sub>US</sub> △ CE

### A63 Safety Valve with Pilot



BTU 200,000  
KW 58  
MJ 211

SP<sub>US</sub> △ CE AQA

### A63V Safety Valve with Pilot



BTU 200,000  
KW 58  
MJ 211

SP<sub>US</sub> △ CE AQA

### ABCE-LH Safety Valve with Pilot



BTU 30,000  
KW 8.8  
MJ 32

SP<sub>US</sub> △ CE AQA

### ABCE-RH Safety Valve with Pilot



BTU 30,000  
KW 8.8  
MJ 32

SP<sub>US</sub> △ CE AQA

### ATS-11 Safety Valve with Pilot



BTU 80,000  
KW 23  
MJ 84

SP<sub>US</sub> △ CE



# Solenoid Valve

Multiple inlet/outlet directions applicable to various structures with high flow BTU.

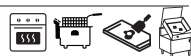
## AS02 Single Gas Solenoid Valve



BTU 110,000  
KW 32  
MJ 116



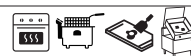
## AS03 Dual Gas Solenoid Valve



BTU 170,000  
KW 49  
MJ 179



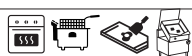
## AS03-A1 Single Gas Solenoid Valve



BTU 110,000  
KW 32  
MJ 116



## AS03-A2 Single Gas Solenoid Valve



BTU 200,000  
KW 58.6  
MJ 211



## AS03-B Dual Gas Solenoid Valve



BTU 190,000  
KW 55  
MJ 200



# Proportional Gas Valves

Linear gas flow design allows perfect mixture ratio of air and gas and leads to complete combustion.

## APV01 Proportional Gas Valve



## Gas Flow

BTU 200,000  
KW 58.6  
MJ 211

## Common Application







# Heating Control

In-house quality assurance inspection for high precision and reliability.



AB007-MV



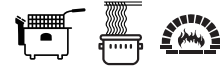
AB007-BLEED



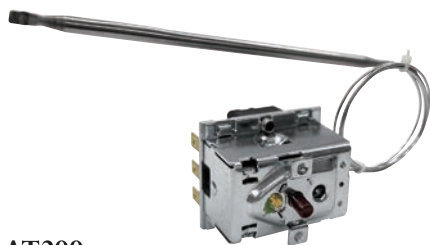
## Gas Flow

BTU	300,000
KW	87
MJ	316

## Common Application



# Limit Switch (Manual reset)



AT200  
Limit Switch (Manual reset)



AT201  
Limit Switch (Manual reset)



## Common Application



# BURNERS

Flamđglo®

UKS04 Tubular Burner



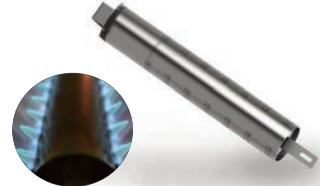
BTU 15,000~50,000  
KW 4.4  
MJ 16 Flamđglo®

W-Type Tubular Burner



BTU 30,000~50,000  
KW 8.79  
MJ 32 Flamđglo®

V-Type Tubular Burner



BTU 30,000~50,000  
KW 8.79  
MJ 32 Flamđglo®

E-Burner



BTU 30,000~50,000  
KW 8.79  
MJ 32

PZ01 Pizza Oven Burner



BTU 60,000  
KW 16  
MJ 62 Flamđglo®

PZ02 Pizza Oven Burner



BTU 120,000  
KW 35  
MJ 127 Flamđglo®

ABC Burner



BTU 24,000/30,000/37,000  
KW 7/9/11  
MJ 24/30/37 Flamđglo®

APC Chinese Wok Burner



BTU 200,000  
KW 58  
MJ 211 Flamđglo®

JPC08 Dual Ring Burner



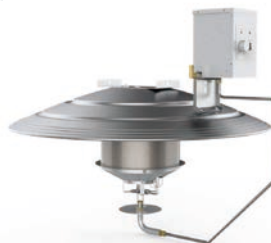
BTU 45,000  
KW 13  
MJ 48 Flamđglo®

ANC01 Residential Burner



BTU 6,000  
KW 1.7  
MJ 6 Flamđglo®

ATC-40000 Infrared Heater



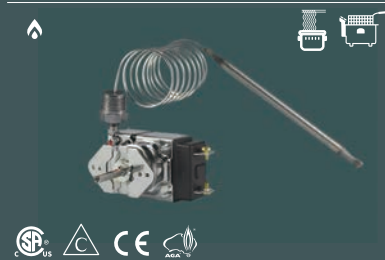
BTU 40,000  
KW 11.7  
MJ 42



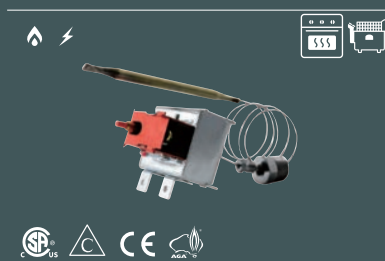
# THERMOSTATS

⬆ GAS ⚡ ELECTRIC

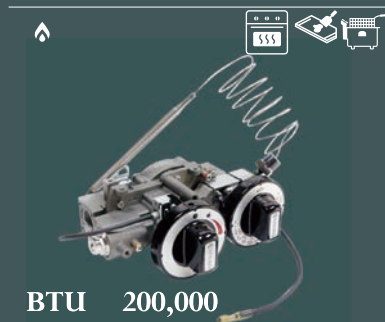
AR Millivolt Thermostat



ALCH High Limit Switch  
(Manual reset)



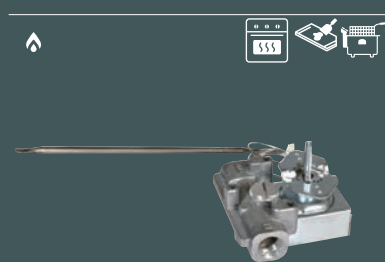
A64T Combination Gas  
Thermostat



BTU 200,000  
KW 58.6  
MJ 211



AG Gas Thermostat



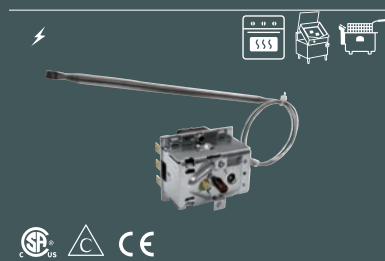
BTU 32,000  
KW 9.4  
MJ 34



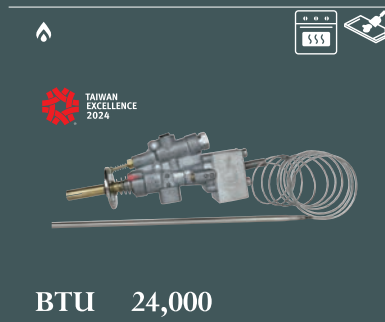
AK Thermostat



AT200 Limit Switch  
(Manual reset)



ABJC Gas Thermostat



BTU 24,000  
KW 7  
MJ 42



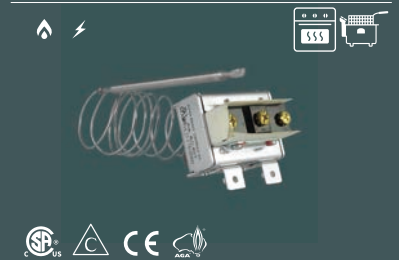
A65T-LH Gas Thermostat



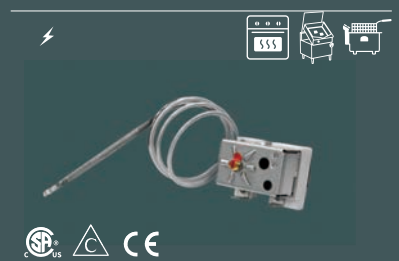
BTU 40,000  
KW 11  
MJ 42



ALCC High Limit Switch  
(Automatic reset)



AT201 Limit Switch  
(Manual reset)



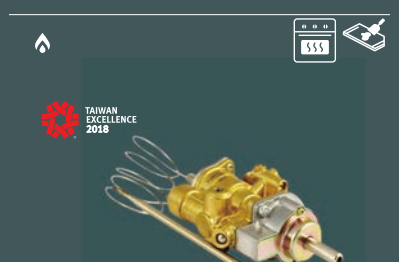
ABJ Gas Thermostat



BTU 82,000  
KW 24  
MJ 86



A65T-RH Gas Thermostat



BTU 40,000  
KW 11  
MJ 42



# PILOT

More than 120 types assembly,  
with limited CSA certified,  
customized also available,  
please ask.



B1H2 Pilot



B6H6B Pilot



B10H3 Pilot



B2H3 Pilot



B6H5 Pilot



B10H6 Pilot



B4H4 Pilot



B9H2 Pilot



B11H2 Pilot





**B11H3 Pilot**



**B15H7 Pilot**



**B20H8 Pilot**



**B12H5 Pilot**



**B16H8 Pilot**



**B22H14 Pilot**



**B13H5 Pilot**



**B17H7 Pilot**



**B23H15 Pilot**



**B13H6B Pilot**



**B18H9 Pilot**



**B24H17 Pilot**



**SW9000 Pilot**



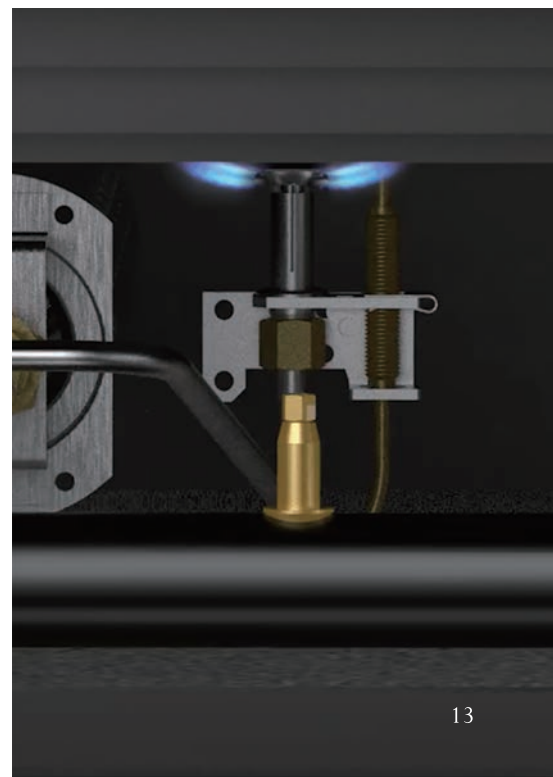
**B19H11 Pilot**



**B14H7 Pilot**

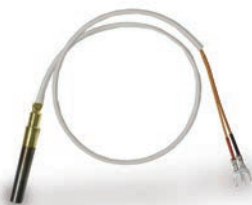


**B19H25 Pilot**



# ACCESSORIES

Thermopile



Orifice-A73002



T Fitting



Thermocouple



Orifice-A73003



Straight Fitting



Flexible Tube



Orifice-A73004



Elbow Fitting





Manifold



Knob for On-off valve



Knob Series for on-off valve  
(without pilot)



Aluminum Handle



Knob for safety valve



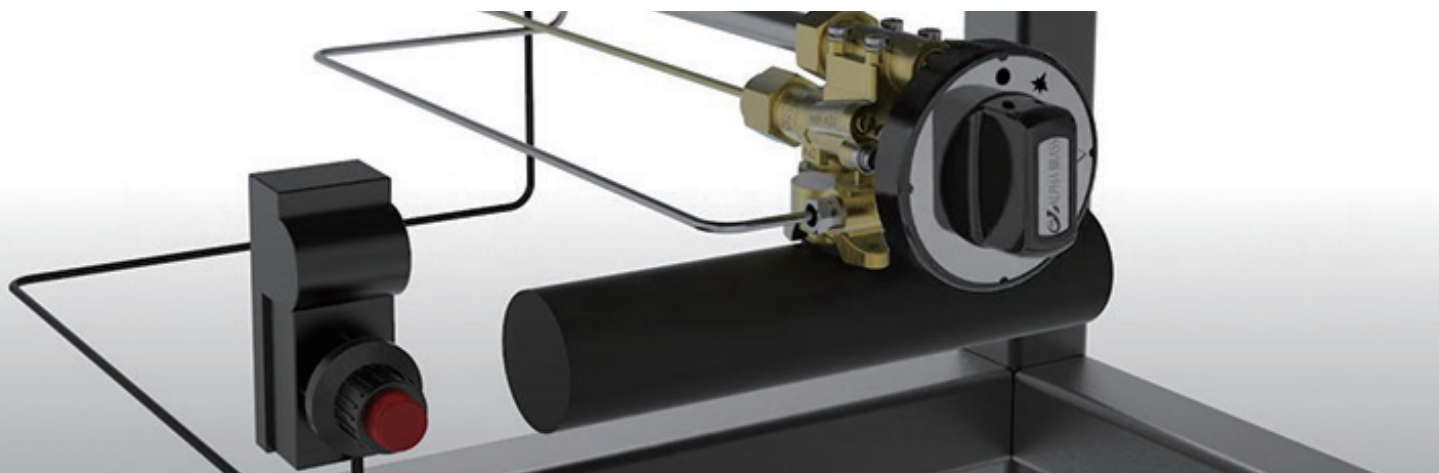
Knob Series for A55007



AW20 Aluminum Handle



Knob for thermostat



Piezo Igniter



Pulse Igniter



Battery Igniter





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