Best seller for its outstandingly powerful heating.

Fire Screen Burner
Super Jumbo Burner
Blast Burner
Fire Screen Burner

Small design!! But powerful heating power!
Best seller of excellent durability!!

The industry’s first “Fire Screen”

Fire Screen Burner adopts the “fire screen” where the port is covered by a belt-shaped heat-resistant stainless-steel mesh. It improves thermal efficiency even more and realizes powerful heating power. It is an epoch-making burner that reliably handles speedy cooking.

Point 1 Small but powerful! It can be used for various cooking menus.
Small design and powerful as never before, and also adjustable to give a low flame easily. Ranging from heating or stew to Chinese food that require a high flame, it can be used for various menus.

Point 2 Structure that prevents clogging by boiled-over.
The flame goes up coming out from the side. So that boiled over food does not drop directly on the flame ports. You don’t need worry about clogging.

Point 3 Easy to clean.
Burner head and mesh part can be removed easily, facilitating washing with water and cleaning.

If the surroundings of the place where the product is installed are not incombustible structure, a soup stand or a heat insulating board must be installed. Please see the back cover for more detail.

Fire Screen Burner

MG-240C
Gas consumption 6.74kW(5,800kcal/h)
List Price : ¥17,000 (tax-excluded)

MG-250B
Gas consumption 9.30kW(8,000kcal/h)
List Price : ¥22,000 (tax-excluded)

MG-260B
Gas consumption 12.2kW(10,500kcal/h)
List Price : ¥30,000 (tax-excluded)

MG-270B
Gas consumption 15.7kW(13,500kcal/h)
List Price : ¥34,000 (tax-excluded)

MG-280B
Gas consumption 19.8kW(17,000kcal/h)
List Price : ¥40,000 (tax-excluded)

MG-290B
Gas consumption 23.3kW(20,000kcal/h)
List Price : ¥47,000 (tax-excluded)

Please use pots not larger than 300mm.

Please use pots not larger than 360mm.

Please use pots not larger than 400mm.

Please use pots not larger than 420mm.

Please use pots not larger than 440mm.

Thread connection may be required depending on gas type.

If the surroundings of the place where the product is installed are not incombustible structure, a soup stand or a heat insulating board must be installed. Please see the back cover for more detail.
Super Jumbo Burner

Long-seller for its surprisingly powerful heating and fuel-saving design!!!

Perfect for Chinese dishes and other menus that require a high flame.

2 types for your choice according to use

**Type 1 < Standard >**

<Standard> Type has 3 models ranging from 5.23 to 15.7kW (4,500 to 13,500kcal/h).

**Type 2 < Jumbo >**

<Jumbo> Type has 2 models; 17.4kW (15,000kcal/h) and 23.3kW (20,000kcal/h). High output burner perfect for speedy cooking such as for Chinese dishes, boiling noodles.

If the surroundings of the place where the product is installed are not incombustible structure, a soup stand or a heat insulating board must be installed. ※ Please see the back cover for more detail.

---

**Table Top Type Super Jumbo Burner <Standard>**

<table>
<thead>
<tr>
<th>Model</th>
<th>Gas Consumption</th>
<th>List Price</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG-4B</td>
<td>5.23kW (4,500kcal/h)</td>
<td>¥23,000</td>
<td>※ Please use pots not larger than φ 280mm.</td>
</tr>
<tr>
<td>MG-9</td>
<td>11.6kW (10,000kcal/h)</td>
<td>¥35,000</td>
<td>※ Please use pots not larger than φ 360mm. Thread connection may be required depending on gas type.</td>
</tr>
<tr>
<td>MG-12</td>
<td>15.7kW (13,500kcal/h)</td>
<td>¥44,000</td>
<td>※ Please use pots not larger than φ 400mm. Thread connection may be required depending on gas type.</td>
</tr>
</tbody>
</table>

---

**Table Top Type Super Jumbo Burner <Jumbo>**

<table>
<thead>
<tr>
<th>Model</th>
<th>Gas Consumption</th>
<th>List Price</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG-9J</td>
<td>17.4kW (15,000kcal/h)</td>
<td>¥51,000</td>
<td>※ Please use pots not larger than φ 420mm. Rubber tube connection may be required depending on gas type.</td>
</tr>
<tr>
<td>MG-12J</td>
<td>23.3kW (20,000kcal/h)</td>
<td>¥60,000</td>
<td>※ Please use pots not larger than φ 440mm.</td>
</tr>
</tbody>
</table>

---

Gas stoves with PS mark are the products that comply with the technical standards provided by the Japanese government.
Super Jumbo Burner

Popular for its versatility!!
Chinese range, soba stove, or steamer... it can be used in various stoves.

When using a super jumbo burner built in some product, the surroundings of such product must be incombustible structure.

Super Jumbo Burner for Ranges <Standard>

MG-9R
Gas consumption 11.6kW(10,000kcal/h)
List Price: ¥26,000 (tax-excluded)

MG-12R
Gas consumption 15.7kW(13,500kcal/h)
List Price: ¥34,000 (tax-excluded)

Super Jumbo Burner for Ranges <Jumbo>

MG-4RJ
Gas consumption 7.79kW(6,700kcal/h)
List Price: ¥19,500 (tax-excluded)

MG-9RJ
Gas consumption 17.4kW(15,000kcal/h)
List Price: ¥40,000 (tax-excluded)

MG-12RJ
Gas consumption 23.3kW(20,000kcal/h)
List Price: ¥47,000 (tax-excluded)

MG-15RJ
Gas consumption 29.1kW(25,000kcal/h)
List Price: ¥59,000 (tax-excluded)

※ Thread connection may be required depending on gas type.
※ Thread connection may be required depending on gas type.
※ Rubber tube connection may be required depending on gas type.
### Fire Screen Burner Specifications Table

<table>
<thead>
<tr>
<th>Model</th>
<th>External dimensions (mm)</th>
<th>Gas consumption</th>
<th>Gas connection</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td>MG-240C</td>
<td>475</td>
<td>330</td>
<td>290</td>
<td>250</td>
</tr>
<tr>
<td>MG-250B</td>
<td>505</td>
<td>350</td>
<td>310</td>
<td>275</td>
</tr>
<tr>
<td>MG-260B</td>
<td>544</td>
<td>365</td>
<td>357</td>
<td>315</td>
</tr>
<tr>
<td>MG-270B</td>
<td>557</td>
<td>370</td>
<td>374</td>
<td>330</td>
</tr>
<tr>
<td>MG-280B</td>
<td>583</td>
<td>390</td>
<td>385</td>
<td>350</td>
</tr>
<tr>
<td>MG-290B</td>
<td>614</td>
<td>405</td>
<td>416</td>
<td>380</td>
</tr>
</tbody>
</table>

⚠ Only for 13A

### Drawing for MG-240C, 250B

### Drawing for MG-260B, 270B, 280B, 290B

### Super Jumbo Burner Specifications Table

<table>
<thead>
<tr>
<th>Model</th>
<th>External dimensions (mm)</th>
<th>Gas consumption</th>
<th>Gas connection</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td>Tabletop standard</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MG-4B</td>
<td>170</td>
<td>300</td>
<td>400</td>
<td>120</td>
</tr>
<tr>
<td>MG-9 (H)</td>
<td>174</td>
<td>60</td>
<td>292</td>
<td>335</td>
</tr>
<tr>
<td>MG-12 (H)</td>
<td>183</td>
<td>78</td>
<td>350</td>
<td>395</td>
</tr>
<tr>
<td>Tabletop Jumbo</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MG-9J (H)</td>
<td>70</td>
<td>211</td>
<td>320</td>
<td>364</td>
</tr>
<tr>
<td>MG-12J/H</td>
<td>219</td>
<td>78</td>
<td>379</td>
<td>424</td>
</tr>
<tr>
<td>Standard for range</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MG-9R</td>
<td>213</td>
<td>113</td>
<td>360</td>
<td>201</td>
</tr>
<tr>
<td>MG-12R</td>
<td>113</td>
<td>15.7kW (13,500 kcal/h)</td>
<td>15.7kW (1.13kg/h)</td>
<td>⚠ 13mm (Rubber tube connection)</td>
</tr>
<tr>
<td>Jumbo for range</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>★MG-4JR</td>
<td>114</td>
<td>7.79kW (6,700 kcal/h)</td>
<td>7.79kW (0.56kg/h)</td>
<td>⚠ 13mm (Rubber tube connection)</td>
</tr>
<tr>
<td>★MG-9JR</td>
<td>121</td>
<td>17.4kW (15,000 kcal/h)</td>
<td>17.4kW (1.25kg/h)</td>
<td>⚠ 13mm (Rubber tube connection)</td>
</tr>
<tr>
<td>★MG-12JR</td>
<td>121</td>
<td>23.3kW (20,000 kcal/h)</td>
<td>23.3kW (1.67kg/h)</td>
<td>15A</td>
</tr>
<tr>
<td>★MG-15JR</td>
<td>121</td>
<td>29.1kW (25,000 kcal/h)</td>
<td>29.1kW (2.08kg/h)</td>
<td>15A</td>
</tr>
</tbody>
</table>

⚠ Delivery date for the models with ★ is about 1 week after receipt of order. ● Only for 13A ● (H) is a spec with a flat grid. (The price is the same.)

### Drawing for Table Top (MG-4B)

### Drawing for Table Top

### Drawing for Ranges and Stove
**Revolution of burners!! Blast burners! Super strong heating power and fuel saving 20% thanks to “forced mixing combustion”!!**

**Forced mixing of air realizes surprisingly powerful heating and high temperature.**

By mixing gas and air forcibly and burning it, the temperature of the flame rises radically. Compared to a conventional burner, about 20% of fuel saving has been achieved.

<table>
<thead>
<tr>
<th>Type of Burner</th>
<th>Flame Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional burner (Bunsen)</td>
<td>1,000°C</td>
</tr>
<tr>
<td>Blast burner</td>
<td>1,200°C</td>
</tr>
</tbody>
</table>

**Blast burner has 2 types.**

**Type 1 Jumbo Blast Burner**
- The flame can be adjusted sensitively from low flame to high flame. It can be used for stew.
- From ramen restaurants to Chinese restaurants, it can be used in various places.
- Mixer tube flame port is removable and easy to clean.

**Type 2 Screw Blast Burner**
- The swirling flame heats the center of the pot intensively. The heating power is overwhelming.
- It is efficient and has no waste of flame. Besides, it is effective in stabilizing the flame and reducing the noise.
- From normal restaurants to hotels and big restaurants, it is suitable for mass cooking.

◆ **Easily built in an existing equipment**

It is a high-performance and economical burner that can fit in an existing Chinese range, Japanese cooking stove and other machines.

◆ **The flame can be adjusted steplessly**

By operating the lever, step-less adjustment is possible from a low flame to the highest flame.

◆ **Various uses**

It has many possible uses for not only commercial kitchen devices (Chinese range, Japanese cooking stove) but also industrial uses. (Solder melting tank, dye heater tank for dyeing, heating and separating tank for sea salt, water distilling apparatus to wash printed wiring boards, specific boilers, etc.)

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**Jumbo Blast Burner**

**MGB-J25**
Gas consumption 29.1kW(25,000kcal/h)
List Price : ¥330,000 (tax-excluded)
※ Installation fee separately charged

**MGB-J30**
Gas consumption 34.9kW(30,000kcal/h)
List Price : ¥340,000 (tax-excluded)
※ Installation fee separately charged
Screw Blast Burner

**MGB-20B**
Gas consumption 23.3kW(20,000kcal/h)
List Price: ¥237,000
(tax-excluded)
※ Installation fee separately charged

**MGB-S20**
Gas consumption 23.3kW(20,000kcal/h)
List Price: ¥285,000
(tax-excluded)
※ Installation fee separately charged

**MGB-S25**
Gas consumption 29.1kW(25,000kcal/h)
List Price: ¥295,000
(tax-excluded)
※ Installation fee separately charged

**MGB-S35**
Gas consumption 40.7kW(35,000kcal/h)
List Price: ¥310,000
(tax-excluded)
※ Installation fee separately charged

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### Blast Burner Specifications Table

<table>
<thead>
<tr>
<th>Burner</th>
<th>Model</th>
<th>External dimensions (mm)</th>
<th>Gas consumption</th>
<th>Power Cord</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Burner</td>
<td>Control Box</td>
<td>Town gas</td>
<td>LP gas</td>
</tr>
<tr>
<td>Jumbo Blast</td>
<td>MGB-J25</td>
<td>ø 185 x 113</td>
<td>450 x 160 x 210</td>
<td>29.1kW (25,000kcal/h)</td>
<td>29.1kW (2.08kg/h)</td>
</tr>
<tr>
<td></td>
<td>MGB-J30</td>
<td>ø 185 x 113</td>
<td>450 x 160 x 210</td>
<td>34.9kW (30,000kcal/h)</td>
<td>34.9kW (2.50kg/h)</td>
</tr>
<tr>
<td>Screw Blast</td>
<td>MGB-20B</td>
<td>ø 154 x 155</td>
<td>525 x 230 x 250</td>
<td>23.3kW (20,000kcal/h)</td>
<td>23.3kW (1.67kg/h)</td>
</tr>
<tr>
<td></td>
<td>MGB-S20</td>
<td>ø 158 x 180</td>
<td>450 x 160 x 210</td>
<td>29.1kW (25,000kcal/h)</td>
<td>29.1kW (2.08kg/h)</td>
</tr>
<tr>
<td></td>
<td>MGB-S25</td>
<td>ø 158 x 180</td>
<td>450 x 160 x 210</td>
<td>29.1kW (25,000kcal/h)</td>
<td>29.1kW (2.08kg/h)</td>
</tr>
<tr>
<td></td>
<td>MGB-S35</td>
<td>ø 173 x 180</td>
<td>450 x 160 x 210</td>
<td>40.7kW (35,000kcal/h)</td>
<td>40.7kW (2.92kg/h)</td>
</tr>
</tbody>
</table>

※ Delivery date is about 2 weeks after receipt of order.
Soup Stand (Three-side back guard)

Soup Stand Specifications Table

<table>
<thead>
<tr>
<th>Model</th>
<th>External dimensions (mm)</th>
<th>SUS430</th>
<th>List Price(tax-excluded)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BWS-066</td>
<td>600 600 250 90 60 45</td>
<td>¥63,000</td>
<td></td>
</tr>
<tr>
<td>BWS-126</td>
<td>1,200 600 250 90 60 45</td>
<td>¥89,000</td>
<td></td>
</tr>
<tr>
<td>BWS-186</td>
<td>1,800 600 250 90 60 45</td>
<td>¥116,000</td>
<td></td>
</tr>
<tr>
<td>BWS-077</td>
<td>750 750 250 1,000 60 45</td>
<td>¥84,000</td>
<td></td>
</tr>
<tr>
<td>BWS-157</td>
<td>1,500 750 250 1,000 60 45</td>
<td>¥121,000</td>
<td></td>
</tr>
<tr>
<td>BWS-227</td>
<td>2,250 750 250 1,000 60 45</td>
<td>¥157,000</td>
<td></td>
</tr>
</tbody>
</table>

Delivery date is about 1 week after receipt of order.

Heat Insulating Board (Three-side guard)

Heat Insulating Board Specifications Table

<table>
<thead>
<tr>
<th>Model</th>
<th>External dimensions (mm)</th>
<th>SUS430</th>
<th>List Price(tax-excluded)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHG-066</td>
<td>600 600 900 50 45</td>
<td>¥40,000</td>
<td></td>
</tr>
<tr>
<td>BHG-126</td>
<td>1,200 600 900 50 45</td>
<td>¥53,000</td>
<td></td>
</tr>
<tr>
<td>BHG-186</td>
<td>1,800 600 900 50 45</td>
<td>¥66,000</td>
<td></td>
</tr>
<tr>
<td>BHG-077</td>
<td>750 750 1,000 50 45</td>
<td>¥55,000</td>
<td></td>
</tr>
<tr>
<td>BHG-157</td>
<td>1,500 750 1,000 50 45</td>
<td>¥74,000</td>
<td></td>
</tr>
<tr>
<td>BHG-227</td>
<td>2,250 750 1,000 50 45</td>
<td>¥92,000</td>
<td></td>
</tr>
</tbody>
</table>

Delivery date is about 1 week after receipt of order.

Safety Precautions

1. Please receive “instruction manual” when purchasing equipments, and read carefully the “instruction manual” before using it. Please do not use for a purpose not described in “instruction manual” and for prohibited matter. Further, please do not use for purpose other than the intended use. Otherwise misuse will cause accidents such as carbon monoxide poisoning, fire and burn and will be cause of breakdown.
2. Please do not use gaseous species and a power source (phase, voltage, frequency) not displayed in the main body. Otherwise, it will cause accident and will be cause of breakdown.
3. Please do not disassemble or modify the equipment by all means. Otherwise, it will cause the accident or breakdown.

Precaution for Installation

1. Equipment installing/ moving work and ancillary facility works for such as gas, electricity, steam and water should be in accordance with Fire Service Act, Fire prevention ordinance and "Standards and Practical Guidelines for installing gas equipment". And please thoroughly read the manual instruction or working instruction and ask your dealer that you purchased or a specialized facility management company to properly install your product onto a safety place.
2. In a place where a thermal equipment and an exhaust duct with an exhaust hood are installed, please use non-combustible materials such as concrete, brick and mortar for finishing and grounding (inside part of finishing) of equipment body’s surrounding area and the upper surrounding area (backward, lateral, upper, floor face and ceiling).
3. Where the finishing and grounding of the equipment body’s surrounding area and the upper surrounding area are made by other material than non-combustible material when installing a thermal equipment and the exhaust duct with an exhaust hood, please install the equipment with offset distance specified for each equipment. Otherwise, it will cause a fire.
4. Please carefully read “instruction manual” and “working instruction” for non-combustible material and installation standards.
5. Be sure to install a heat-resistant/non-combustible exhaust duct with an exhaust hood upon the equipment. If you use an exhaust duct such as metallic or glass that is not heat resistant, an exhaust fan of an exhaust duct should be operated while an air supply opening is absolutely necessary to be provided at an equipment-installed place.
6. Be sure to extend an exhaust stack of the equipment using gas. Otherwise, it will lead to insufficient performance of equipment, accidents such as carbon monoxide poisoning, fire and burn, or breakdown.
7. As to power source of equipment using electricity, please use a correctly-wired dedicated plug or a breaker separately. Be sure to install an earth for the prevention of electric shock (Third-class installation work)
8. Please install not to be directly affected by the wind. Otherwise, it may cause insufficient performance or an accident such as fire by the flow of wind from an air conditioner.

Costs for delivery, installation and withdrawal of old model are not included in this price.

For professional use