

FLAME-MATE



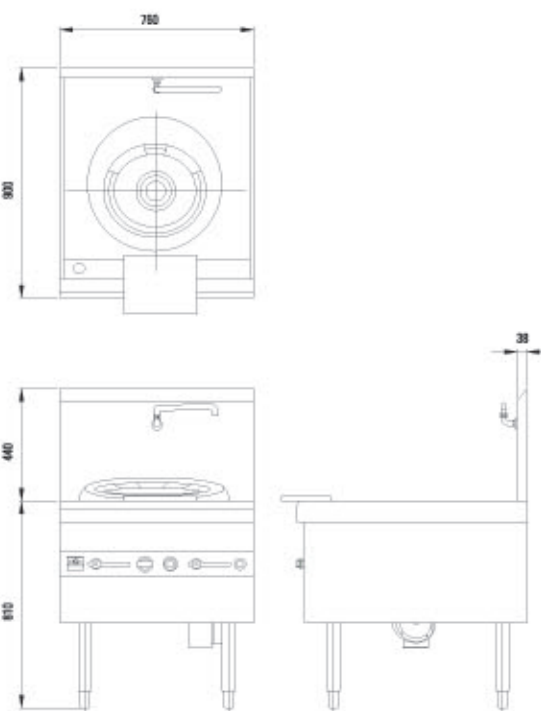
Noise Level Comparison

| Item | Pre-mix Burner | 4" Mixing Nozzle Burner | Remark |
|---|----------------|-------------------------|---|
| Noise Level | | | |
| Air Blower (In Operation) | 62 dB(A) | 65 dB(A) | • Background noise 65 dB(A) |
| Air Blower & Burner (In Operation) | 70 dB(A) | 94 dB(A) | • Test distance 1m away from the source |
| Air Blower & Burner (In Operation with Wok) | 64 dB(A) | 77 dB(A) | |

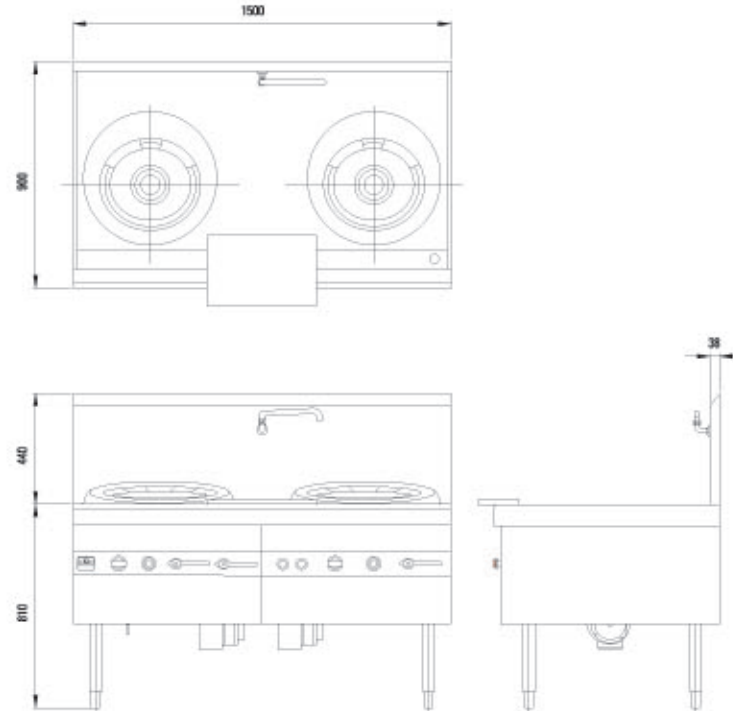
Other Statistics

| | Pre-mix Burner | 4" Nozzle Mixing Burner | Remark |
|--------------------------------|----------------|-------------------------|----------------------------------|
| Generated CO / CO ₂ | < 0.001% | < 0.001% | |
| Ignition Method | Electronic | Manual | |
| Thermal Efficiency | + 28% | -- | Tested with 1 L of water |
| Water Heat Up Time | <1 Min. | <1 Min. | Initial water temperature : 28°C |

ESR-1-HF (S)



ESR-2-HF (S)



| Model | Dimension (mm) | | | Blower (Watt) | Fuel pipe (mm) | | | Water Inlet (mm) | Drainage (mm) | Burner Rating B.T.U. per hr (KW) | Net Weight (Kg) | Gross Weight (Kg) |
|----------|----------------|-----|------|---------------|----------------|--------|----------|------------------|---------------|----------------------------------|-----------------|-------------------|
| | W | D | H | | Natural Gas | LP Gas | Town Gas | | | | | |
| ESR-1-HF | 760 | 900 | 1250 | 100W | DN20 | DN20 | DN20 | DN15 | DN40 | 109200 (32) | 127 | 172 |
| ESR-2-HF | 1500 | 900 | 1250 | 100W x 2 | DN40 | DN40 | DN40 | DN15 | DN40 | 109200 (32) x 2 | 220 | 280 |

All specifications are subjected to change without prior notice.

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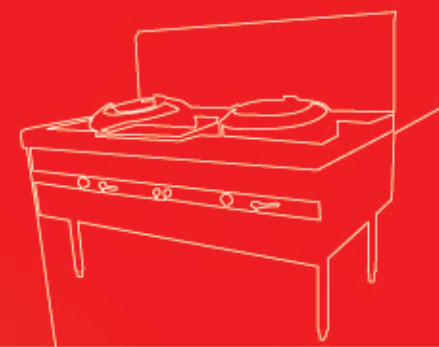
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Environmental Chop Suey Range



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Chinese Cooking - Stir Fry

Chinese cuisine has over 5,000 years in history. Nowadays, it becomes one of the most popular cuisines among the world. Different provinces among China have different styles of cooking. The most popular and well-known styles are Shanghaiese, Cantonese, and Chiu Chow. Each style has different characteristics; however, they do have a common cooking method: stir-frying, steaming, sautéing, deep frying, boiling, stewing, simmering, grilling etc.

Stir-frying seems to be easy and simple, however, it is not easy to control. Stir-frying describes two fast Chinese cooking techniques "Chao" and "Bao". How to evaluate stir-frying technique? It is usually evaluated by "Wok Hei" produced in food. "Wok Hei" is a term referring to the flavour, tastes, and "essence" imparted by a hot wok on food. "Wok Hei" can only be imparted if food cooked in a wok over a high flame while being stirred and tossed quickly. The two important elements of "Wok Hei" are heat control and timing, with high-flame and hot wok, food can be cooked in a short period of time and it can lock up the moisture inside the food, therefore, the food can still remain juicy and tasty.

In order to produce high-flame, a powerful cooking range is required. Nozzle mixing is the most common technique used in Chinese kitchen. Although it can produce powerful heat, it has an obvious drawback - LOUD noise.

FLAME-MATE new Environmental Chop Suey Range is another member that is built under the New Concept of Environmental Series, which implies high efficiency, low noise and energy saving. With the new technological pre-mix burner design, the gas efficiency comparing with our traditional nozzle mixing Chinese wok range has increased over 20%. Importantly, the noise level is less than 70 dB(A), which creates a comfortable working environment for chefs. This protects your valuable staff, enhancing the operation efficiency, and hence growing in the business. The ESR series has lower BTU than ECR model and small in size which is excellent for Family restaurants or Compact-size kitchen.

Open Kitchen is a trend for commercial catering industries. FLAME-MATE is proud to present the Environmental Chop Suey Range as one of the most popular equipment for the users.



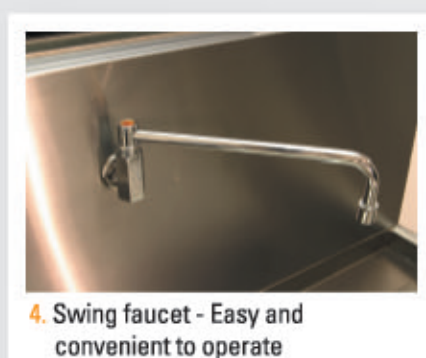
1. Innovation pre-mix burner to reduce combustion noise and enhance efficiency



2. One-piece molded fire brick - More durable and long-lasting



3. Extruded seamless table top for longevity and hygiene



4. Swing faucet - Easy and convenient to operate



5. Electronic ignition and individual flame failure device - Improve safety



6. Individual air blowers



8. Cast iron ring with two sides open for exhaust purpose and exhaust duct is not required

Safety Features

- Individual air blowers
- Insulated tabletop
- Flame failure device
- Low CO emission

Environmental Features

- Operational noise level below 70 dB(A)
- Save gas consumption up to 28%
- Save water usage by insulated tabletop

Optional Accessories

- Wok stand 2.5'
- Basket holder 5'
- Cold water pan 14" x 9" x 6"
- Gas regulator
- Water regulator
- Deck mount faucet
- Custom sizing available