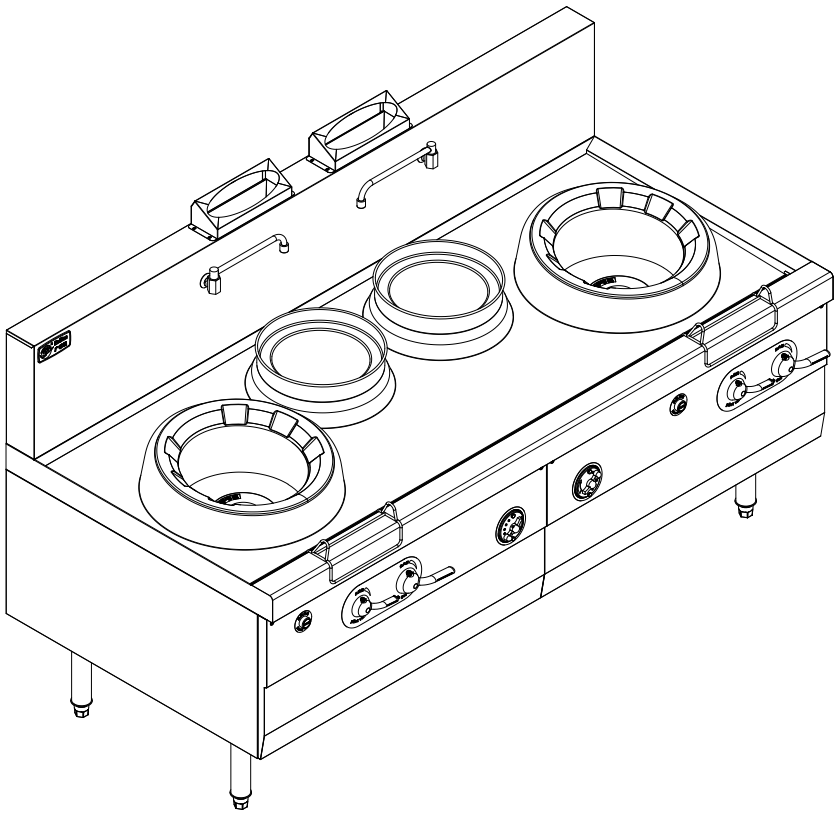
Kwail Ranges with linked electronic ignition

Manual Instruction

1 Usage

Gas kwail range is applicable for Chinese cooking in hotels, restaurants and canteens. This product features big heater margin, roaring fire, high heating power and easy operation, increasing your working efficiency. This series product is made with imported stainless steel which makes it corrosion-resistant and nice looking, clean and sanitary. It does not give out black smoke when burning hence causes lesser exhaust pollution, making the best of gas and consumes less gas, a stove which plays the main role in Chinese cooking.

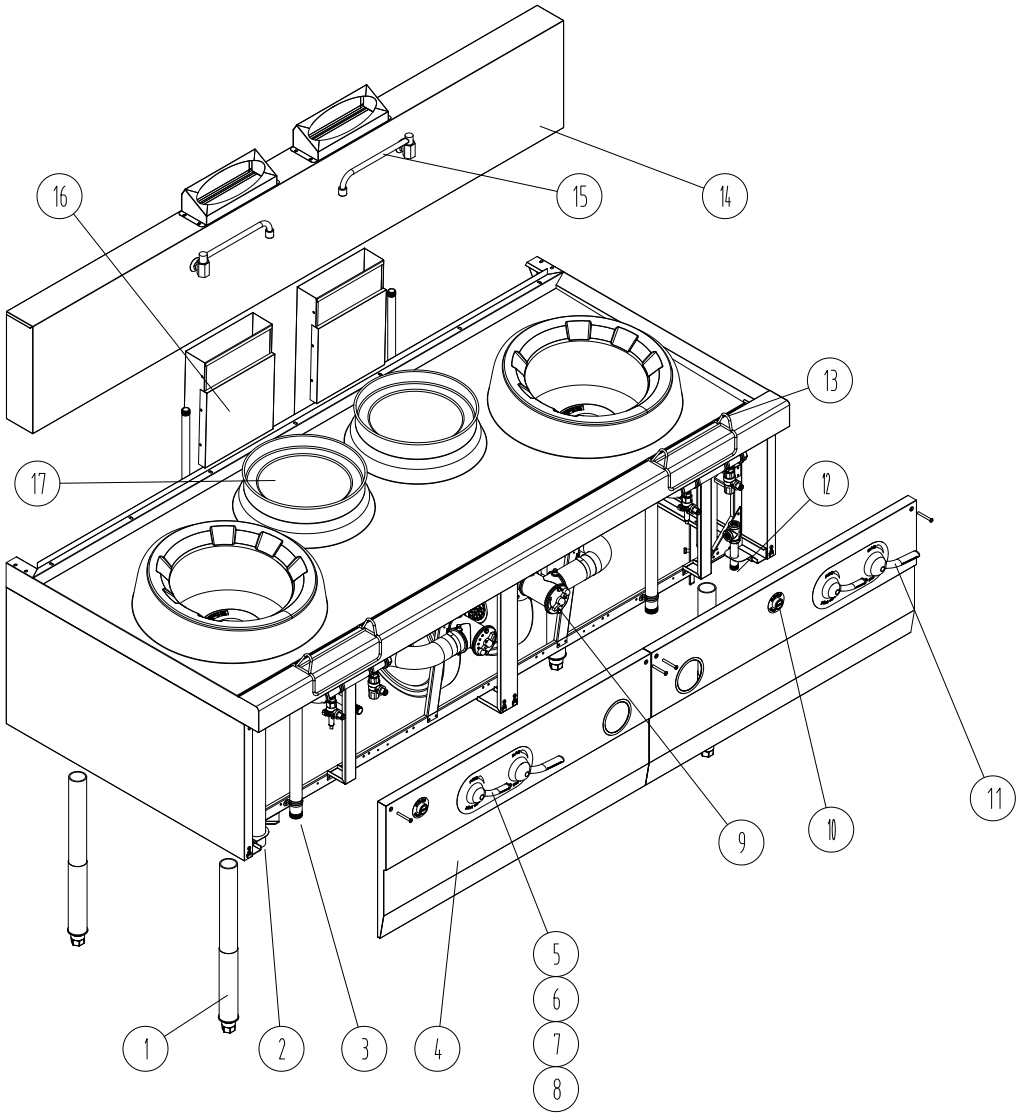
Difference from normal kwail range :Thicker Stainless Steel, add electronic ignition and blower switch, pilot valve start electronic ignition at the same time. Galvanized sheet grate. Separate control blower.



2 Technical Parameters

Name	Spec.			Blower		LPG gas			Water supply	Drainage	Heat	Weight	Gas pipe dia.
	L	W	H	Power	Voltage	Heat kcal/kg	Pressure pa	Gas consumption M^3/hole/h			KW/ hole/h	kg	
KR-22GE	2150	1150	1250	2*250W	220V/50HZ	11500	2800	3．59	Φ1/2″	Φ1″	48	450	Φ1 1/2″
KR-11GE	1200	1150	1250	2*250W	220V/50HZ	11500	2800	3．59	Φ1/2″	Φ1″	48	200	Φ1 1/2″
KR-21E	1800	950	1150	2*250W	220V/50HZ	11500	2800	3．59	Φ1/2″	Φ1″	48	330	Φ1 1/2″
KR-11E	1050	950	1150	250W	220V/50HZ	11500	2800	3．59	Φ1/2″	Φ1″	48	200	Φ1 1/2″
KR-22E	2000	950	1150	2*250W	220V/50HZ	11500	2800	3．59	Φ1/2″	Φ1″	48	365	Φ1 1/2″
KR-32E	2700	950	1150	3*250W	220V/50HZ	11500	2800	3．59	Φ1/2″	Φ1″	48	520	Φ1 1/2″
KR-1E	700	750	1000	250W	220V/50HZ	11500	2800	3．59	Φ1/2″	Φ1″	48	365	Φ1 1/2″

3. Breakdown drawing



1.feet； 2.drain； 3.gas inlet(separate inlet for each burner) 4.front sheet； 5.pilot valve （short）； 6.fixed screw； 7.cover； 8. linked ignition switch； 9.blower valve 10.

blower switch 11. main gas valve（long）； 12.water inlet； 13.pot holder；14.back sheet；15.faucet；16.flue；17. pot

4. **Installation notes**

1. Please make sure that the type of Liquefied petroleum gas and gas pressure in use must correspond to requirement;

2. When using Liquefied petroleum gas, please make sure that the valve must be low-pressured valve, mid-pressured valve is prohibited to be used.

3. If town gas or natural gas is used, as heat and pressure differs in different regions, local distributors and clients are requested to provide information regarding heat value and pressure as reference for our production;

4. Stove must be installed in an environment with good ventilation, it is suggested to install venting facilities above stove to vent exhaust gas and oily air produced when cooking.

5. Choose proper gas pipe to connect or pressure reducing valve, connect water, power and good earth lead. After installing, please make sure that all connectors of the stove must not leak before using.

6. If leaking occurs or a stinky egg smells, please turn off gas switch immediately, find out where leaks and repairs it. Before letting leaky gas out completely, please do not light and use the stove or turn on/off electric appliances to avoid incident caused by sparkle.

7. Must have good earth lead, or else can not be used.

5. Installation

Note: Must handle carefully during moving and installation.

1. Check the rating labels on equipment, gas and pressure should be same.
2. Open package, install legs, after legs put in proper position, fix the screws.
3. Install valve handles, short handle is for pilot valve, long handle is main gas valve, use screws to fix, then put cover. Handles are upturned when valve is on, valves are horizontal when valve is off.
4. Install back sheet, fix with the screws supplied.
5. Install faucet, seal with raw material belt to make sure no leakage.
6. In stall back flue, below entangle smoke outlet, upper stuck in hole of back sheet.
7. Connect water pipe, water inlet is at the right front lower position, is a DN15 inlet.
8. Connect gas pipe, gas pipe should have a valve before connecting with equipment. Valve should be off before testing leakage. Each burner has a separate gas inlet. Must test leakage after installing .
9. Put pot, pot should be full of water before trial ignition.

6. Usage instruction

1. Please make sure that all valves are at off status before turning on gas valve;

2. Turn on blower before each ignition, turn on blower valve 2 or 3 minutes to exclude the gas in the hearth. Turn off blower valve, then ignite pilot in the hearth, the sequence is below: turn on pilot valve slowly, pilot valve is linked with electronic ignition switch, turn on main gas valve after igniting slowly. Must remember that igniting first, then turn on gas supply to avoid accident.

3. After pilot is ignited, then turn on main gas valve slowly, turn on blower valve slowly to make fire blue, you can adjust fire via adjusting main gas valve and blower valve.

4. During ignition and adjusting operation, do not make body direct at fire hole to avoid burning.

5. Operators can not leave the spot during equipment is working to avoid nobody cutting off gas if power is off or flame is out. If power is off or blower stop working, must turn off gas.

6. During stopping using, must turn off gas supply valve, then turn off main gas valve, then turn off pilot valve. After remain gas is used up, turn off blower switch and blower.

7. Clear the carbon deposit in the hearth at regular intervals, clean the equipment regularly to make good condition.

7.Failure and handling ways

Failure	causes	Handling way
Can not be ignited	1. No gas or gas pressure is too low. 2. Pilot is ignited, pilot valve operate wrongly, or pulse ignitor is broken.	1. Check if gas bottle has gas or low pressure valve is required. 2. In sequence supply gas and air, replace pulse ignitor.
Blower does not work properly	If power is on, voltage is normal, capacitance and blower is normal.	Connect power, measure voltage, replace capacitance or blower.
Flame is not even or too small	Burner cap has too much carbon, or cap is burned down	Clear carbon deposit, or replace fire cap
Note: contact local agent if can not handle.		