

4-Burner Gas Range with Cabinet

USER MANUAL

(Read the instructions carefully before using the machine.)



This product boasts advanced technology, innovative design, comprehensive functionality, ease of operation, energy efficiency, and environmental friendliness. It represents a highly advanced gas combination furnace in China.

Please read this product manual thoroughly before use and retain it for future reference.

Warning!

Any modification, improper installation, adjustment, repair, or maintenance may result in property damage, personal injury, or even death. For any adjustments or repairs, contact the supplier and ensure they are performed by trained professionals.

For your safety, do not store or use flammable or explosive gases, liquids, or materials near this product.

1. General Matters

- **Professional Installation and Maintenance:** The installation, initial use, and maintenance of the furnace must be carried out by qualified professionals, individuals with proper installation permits, or those authorized by the manufacturer.
- **Follow Safety Procedures:** During installation and maintenance, carefully follow the steps outlined in this manual to ensure safe operation.
- **Manual Storage:** Keep this manual in a secure place for future reference or to pass on to the next operator.
- **Packaging and Inspection:** Upon receiving the machine, remove the outer packaging and inspect it for any damage. If any issues are found, do not use the machine and seek advice from a professional. Keep packaging materials (e.g., plastic bags, nails) out of reach of children to prevent accidents.
- **Qualified Operators Only:** This machine should only be operated by personnel skilled in its use.
- **Shut Down When Not in Use:** Always turn off the machine and cut off the air supply when not in use or when the operator is not present to prevent potential hazards.
- **Maintenance Requirements:** Repairs and maintenance must be conducted by authorized service personnel using original parts. Failure to follow these requirements may compromise the machine's safety performance.
- **Commercial Use Only:** This machine is designed exclusively for commercial use and should not be used for any other purposes to avoid safety risks.
- **Water Usage Precaution:** Do not rinse the machine directly with water.
- **Regular Cleaning:** Clean the stainless steel surfaces regularly to prevent oxidation and chemical damage.

2. Installation Instructions

The installation of this machine, as well as any changes to the type of gas used, must be performed by qualified professionals in strict compliance with applicable regulations.

3. Technical Parameters

Name	4-Burner Gas Range with Cabinet
Model	ADX-705B
External shape	700 (L) × 700 (D) × 920 (H)
Intake pipe size	G3/4 "
Number of burners	4
Air flow (m ³ /h) (Based on the standard condition of 15 ° C of bottled liquefied petroleum gas)	0.75
Use of gas (see attached table)	liquefied petroleum gas, natural gas, Artificial gas
Using a pressure valve	Low pressure regulator P ≤ 0.05Mpa is low pressure)
Combustion value (kcal/h)	18891

4. Gas Classification and Specifications

Gas Fuel Classification

The basic characteristics of gas are divided into 4 categories by gas acquisition.
I natural gas (pipeline gas) 2000Pa (1) Gas well gas (2) Oilfield associated gas (3) Mine gas
II、 Artificial gas (pipeline gas) 1000~1200Pa (1) Gas well gas (2) Oilfield associated gas (3) Mine gas
III、 Oil gas (pipeline gas) 2000Pa (1) Regenerative pyrolysis gas (2) Thermal storage catalytic cracking gas (3) Pressurized cracking gas
IV、 Liquefied petroleum gas, bottled gas 3000Pa
The above data are industry standards for reference

Note: Gas types and pressures vary by region. Ensure the gas pressure conforms to the local standards for the specific gas type in use.

5. Gas, Nozzle and Conversion

Gas types and pressures vary across regions. Ensure the nozzle is adjusted or replaced as necessary to match the local gas pressure.

Gas \ Nozzle size	70	90
Liquefied petroleum gas	Φ 1.1mm	Φ 1.2mm
Natural gas	Φ 1.9mm	Φ 2.4mm
Artificial gas	Φ 2.6mm	Φ 3.2mm
Oil gas	Φ 1.7mm	Φ 2.1mm

Note: This data is for reference only and is not intended to be standard data.

6. Technical Characteristics

Structure:

- Constructed with high-quality stainless steel for durability and longevity.
- Designed with excellent adhesion properties to prevent food residue.
- Equipped with a safety-protection thermocouple line for enhanced security.
- Features adjustable firepower for precise control.
- Includes adjustable, high-quality stainless steel feet for stability and flexibility.
- The burner is made of a steel tube, providing a self-stabilizing flame.
- Nozzles can be replaced to accommodate different gas types.
- The gas switch valve, made of durable brass, includes safety features and thermocouples to prevent gas leaks and fire hazards.
- The gas switch valve knob is die-cast from Bakelite, offering insulation to prevent heat transfer.

7. Installation Requirements and Precautions

All installation and operation must be performed by qualified personnel in strict accordance with relevant regulations.

8. Installation Requirements

- **Weight Consideration:** As the machine is heavy, ensure the installation location can support its weight. It is recommended to install the machine directly on the ground.
- **Distance from Walls:** Maintain a minimum distance of 10 cm between the machine and the wall. If the machine must be installed against a wall, ensure the wall is made of fireproof material to prevent fire hazards.
- **Ventilation:** Install the machine in a well-ventilated area. Ensure an exhaust fan is installed to effectively remove steam and burnt exhaust gases generated during operation.

- **Stability:** After installation, the machine must remain stable, level, and secure. It should not tilt or shake during use.
- **Gas Compatibility:** Before installation, verify that the gas supplied matches the type required by the machine. Do not use gas or pressure regulators that are incompatible with the machine. This machine is designed to work only with low-pressure regulating valves.

9. Gas Connection

- **Quick Shut-Off Valve:** Install a quick shut-off air supply valve upstream of the machine, positioned near the machine for easy access.
- **Gas Compatibility:** Ensure that the machine matches the type of gas being supplied.
- If the gas type differs, do not operate the machine. The gas connection pipe should be painted yellow for identification.
- **Pipe Material:** Use suitable metal pipes to connect the machine to the gas supply.
- **Testing Gas:** Test the machine using liquefied petroleum gas (LPG).
- **Pressure Adjustment:** If the pipeline pressure exceeds the machine's rated pressure by more than 10%, install a pressure regulator to maintain the correct pressure.
- **Leak Testing:** After connecting, test for leaks using soapy water or a gas leak detection device.
- Do not test for leaks using an open flame.

10. Notes

- **Flammable Items:** Do not place flammable items (e.g., towels) on any part of the stove surface, as this could result in a fire hazard.
- **Gas Valve:** Close the gas valve immediately after use.
- **Gas Leak Response:** If a gas leak is detected:
 - Close the gas valve immediately.
 - Open windows to enhance ventilation.
 - Do not operate electrical switches or appliances.
 - Have the issue repaired by a qualified professional before resuming use.

11. Maintenance

- **Daily Cleaning:** Regularly clean the dirt and oil basin on the pit board, preferably twice a day.
- **Long-Term Storage:** If the equipment will not be used for an extended period, clean the stainless steel surface with a cloth lightly coated in gasoline and store the equipment in a well-ventilated area.
- **Stainless Steel Care:**
 - Avoid using abrasive tools such as detergents, brushes, or scrapers to clean the stainless steel surface, as residual iron particles may lead to rust.
 - Always wipe the surface in the direction of the satin finish.

- Do not use cleaning products containing chlorine (e.g., bleach or hydrochloric acid), even if diluted, to clean the stainless steel surface.
- **Water Restrictions:** Do not wash this product directly with water.
- **Avoid Corrosive Substances:** Do not use corrosive substances (e.g., potassium chloride) to clean the floor beneath the equipment.
- **Burner and Volcanic Stone Maintenance:** Regularly clean the burner and remove dirt from the volcanic stone. It is recommended to perform this task once a week.

12. Instructions For Use:

12.1. Igniting the Small Fire Burner:

- Turn the knob counterclockwise from the closed state to the “★” position.
- Press the knob down firmly and hold it while continuously pressing the electronic ignition button to ignite the small fire burner.
- Keep the knob pressed for approximately 20 seconds and observe the flame through the see-through port.
- If the flame remains stable when the knob is released, the small fire burner is successfully ignited.
- If the flame does not ignite, repeat the above steps until successful.

Note: For first-time use or after a long period of inactivity, ignition may take longer (approximately 2–3 minutes), which is normal.

12.2. Igniting the Main Burner:

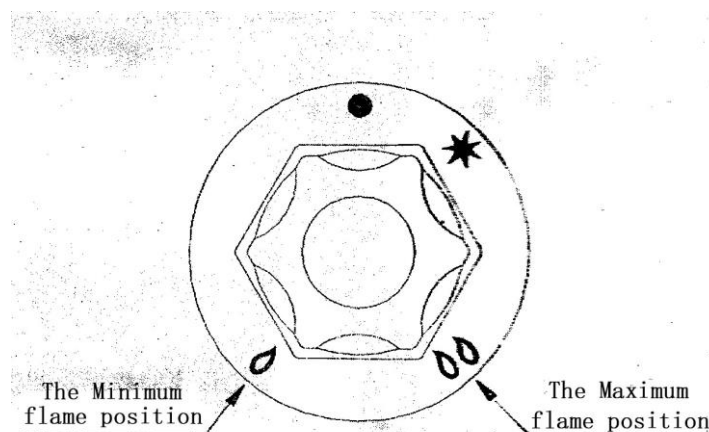
- Once the small fire burner is ignited, turn the knob counterclockwise to the maximum flame position (“00”).
- To adjust the flame to its lowest setting, continue turning the knob counterclockwise to the minimum flame position (“0”).

12.3. Turning Off the Main Burner:

To extinguish the main burner, turn the knob from the maximum (“00”) or minimum (“0”) flame position back to the “★” position.

12.4. Turning Off the Small Fire Burner:

To turn off the small fire burner, turn the knob from the “★” position to the “●” position.



13. Important Notes:

- **Air Shutoff Valve:** When the machine is not in use, promptly turn off the air shutoff valve to ensure safety.
- **Knob Operation:** Each time you turn the knob, press it slightly before rotating to ensure smooth operation.
- **Gas Exhaust for First Use:** Due to the presence of a gas storage tube in the furnace, the internal gas needs to be completely exhausted during the first use. This process may take approximately 3 to 5 minutes.
- **Exhaust Procedure:** Turn the knob from the off state and rotate it counterclockwise to the “★” position. Press down on the knob and hold for approximately 3 to 5 minutes to exhaust the internal gas.

14. Warranty and Repairs:

- If the product experiences a failure that cannot be resolved, contact our factory or an authorized dealer for assistance. Repairs will be provided free of charge within six months of the purchase date.
- Damage caused by non-compliance with the wiring specifications outlined in the instruction manual, improper use, or transport collisions will require parts replacement. In such cases, the factory will only charge for the cost of the replacement parts.

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PROVISIONAL DECLARATION OF CONFORMITY

Equipment Type	Model Number
Gas appliances	ADX705A, ADX705B, ADX706, ADX776A, ADX996ZA

Application of Territory Legislation & Council Directives(s)	This Declaration of Conformity is issued under the sole responsibility of the importer: Adexa Direct Limited. For the object of this declaration, the essential requirements and principal safety objectives have been demonstrated. The object of this declaration conforms to the following statutory requirements and Union harmonisation legislation, and complies with the following harmonised standards: 1. Machinery Directive 2006/42/EC Supply of Machinery (Safety) Regulations 2008 EN ISO 12100: 2010 2. (Pending) Regulation (EU) 2016/426 - Gas appliances (Pending) The Gas Appliances (Enforcement) and Miscellaneous Amendments Regulations 2018 3. (Pending) Ecodesign requirements for energy-related products - Directive 2009/125/EC (Pending) The Ecodesign for Energy-Related Products and Energy Information Regulations 2021 4. (Pending) Restriction of Hazardous Substances Directive (RoHS) 2015/863 amending Annex II to Directive 2011/65/EU (Pending) Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 Disclaimer: This Declaration of Conformity is issued based on the certifications and test reports available at the time of issuing. The products have passed the following safety tests and certifications: Machinery Directive 2006/42/EC. However, certifications for the Regulation (EU) 2016/426, Directive 2009/125/EC and Directive 2011/65/EU are currently pending. Pending Documentation: Gas Appliances Regulations, Ecodesign Compliance Certificate, RoHS Certificate. These products have not yet been fully evaluated for compliance with the Ecodesign requirements for energy-related products, Gas Appliances Regulation and RoHS requirements. This DoC will be updated once the relevant certifications are obtained, confirming full compliance with all applicable EU regulations. By issuing this provisional DoC, we affirm our commitment to completing the certification process and ensuring that the product will be fully compliant with all required directives once the remaining documentation is available.
Imported By	Adexa Direct Limited
Brand	Adexa
Year of Manufacture	2024

I, the undersigned, hereby declare that the equipment specified above conforms to the above Territory Legislation, Directive(s) and Standard(s).

Date	06.NOV.2024
Signature	
Full Name	Hakan Baykal
Position	Purchase Manager

