

台灣 牛



Instruction of Gas Burners

To your courtesy of support and cherish to **MANniu** series burners products, please read this instruction in detail before using to insure your security and entitlement!

I Installation methods

1. The stoves apply to LPG、LNG cylinders according to different models. Please make sure the model you have before installation
2. Apply to medium-pressure model or under pressure valve, working pressure 1.0kg~3.0kg/hr、 gas output 1,000~3,000 MM/H20.
3. Apply to low-pressure model or under pressure valve, working pressure 1.5kg/hr、 gas output 500MM/H20.
4. Apply to inner diameter Φ 10MM, oil resistance hose (spacing of hoses 1M ~2M) and clamping fastened gas source, use soap water to test leaks of seams, renew biennially (try to use metal hose connecting gas source).
5. Be sure to locate in a place where there is ventilation, on horizontal hearth and non-combustible material, spacing height of ceiling above 2M or non-combustible material.
6. The kitchen area is no less than 2×2 square meter and installing exhaust fan, forbidding to install in confined space or bedroom.

II Instruction

1. Please make sure to close all the turn valves of stove before opening air source of Gas Tank.
2. When equipping universal-valve stove, please use electronic burning torch igniting pilot fire stick (keep pilot fire) before startup main fire.
3. When equipping MEDUM pressure electronic-valve stove, please turn  to 9 o'clock direction  wider shins one-time, ignite pilot fire by electronic igniter, the firepower is ultimate when turning to 6 o'clock direction , and closing when turning back to 12 o'clock direction  ringing resetting sound "ka".
4. When equipping LOW pressure electronic-valve stove in double fire, please turn  to 9 o'clock direction  wider shins one-time, ignite pilot fire by electronic igniter and the firepower is ultimate. When turning to 6 o'clock direction  the fire is become small fire in medium circle, and closing when turning back to 12 o'clock  direction ringing resetting sound "ka".

III Attentions

1. When locating in hearth for using, please maintain the ventilation (at least 30 times air demand), and forbid using in confined place to avoid danger situation because of hypoxia producing CO.
2. Pay attention to far from fire goods around the stove, and maintain a space between Gas Tank of 1M~2M (neither less than 1M nor more than 2M is safe space), and the environment temperature should be below 60°C.
3. Because **LPG/LNG** need a certain time effect for gasification, only allowing a Gas Can used for a stove when using long time and powerful fire, or gasification (frozen) for supplying gas can't be done, it is better to combine two Gas Tank for one stove using when necessary.
4. All the stoves should be equipped with under pressure valves which comply with specification in the gas feed's existing port of gas source (Gas Can), because under pressure valve has function of avoiding backfire to some

extent, but can't be guarantee of total security.

- The stoves forbid operator far from it for a long time when using, and forbid kids operate alone. To the safety of your lives and property, please close gas source of Gas Tank habitually after using.

IV Methods of eliminating unusual conditions

Unusual conditions	Failure causes	Eliminating methods
Fire back phenomena	Air supply is too large	Turn down the air valve
	The nozzle of air supply is clogged	Punch through nozzle by thin steel wire
	The bottom of pan bank fire	Heighten the space of pan properly
	Flame plate and burner head don't fit with each other	Adjust the flame plate's to fit
Fire flight phenomena	Air supply is too large	Turn down the air valve
	Fire port is clogged	Clear the foreign matter in the fire port
	Environment wind speed is too large	Should make wind resistant ring
Yellow flame phenomena	Air supply is not enough	Turn up the air valve appropriately
	Gas source's nozzle deviate from middle ⊕	adjust to middle appropriate ⊕
	Foreign matter attached on the flame plate	Clear the foreign matter
Pilot fire pipe can't pilot fire (universal valve)	Nozzle of air supply is clogged	Punch through nozzle by thin steel wire
	Air supply is too large	Adjust turning appropriately
	Bout air port is clogged	Punch through by thin steel wire
Electric ignition failure (electric valve)	Electromagnetism uses up	Replace electromagnetism
	Ignition line breaks off	Check up electrical source joint
	Ignition needle has been attached by foreign matter	Clear the foreign matter
	The nozzle of ignitron is clogged	Punch through nozzle by thin steel wire



Our company's products have passed inspection of Guangdong Test Center of Product Quality Supervision.

The MANniu series competitive products have tested to be big thermal load, high heat efficiency, and multi-function patent and strict control products, please ease to use. For unknown, please contact our company or territorial agents or distributors.

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