



Kolos Ltd - Bulgaria, Veliko Tarnovo, 2 Lipa str.; www.kolos-gas.com

INSTRUCTION MANUAL
GAS STOVE
WITH MULTIFUNCTIONAL BURNER “KOLOS”
FOR L.P.G.
OUTDOOR USE



Attention

Please read these instructions carefully before using.
Please keep them in a safe place for future reference



Attention

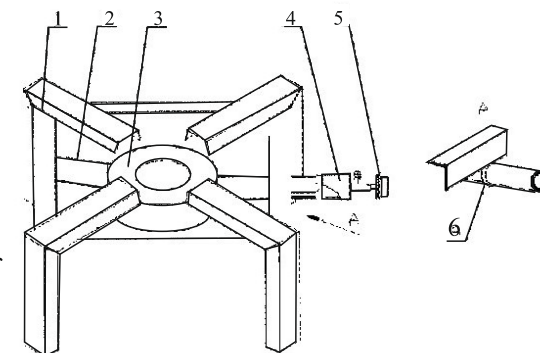
This gas stove is not equipped with flame failure safety device
and it should be used only outdoor.

Technical characteristics

Parameters	Measure	“Kolos” gas stove
Gas type		L.P.G. - G30
Category		I3B/P
Pressure	(kPa)	$3 \pm 10\%$
Power	(kW)	9
Gas consumption	(kg/h)	0.650
Nozzle	(mm)	1.5
Number of burners		1
Dimensions	(mm)	580 x 420 x 180
Ignition		Manual
Weight	(kg)	7.0

Unit and structure

1. Stand made of low carbon steel
2. Supporting plate which hold the burner in horizontal position
3. Burner made of iron, giving the product functionality
4. Regulator enabling the sufficient air flow for a stable fire.
5. Regulator (gas tap) with handle that gives control over the gas flow and the intensity of the fire –from “min” to “max”
6. Hook for attaching the burner.





Installation and gas supply

Warning!!!

The product must be installed in well ventilated areas, preferably outdoors on an inflammable horizontal service, situated at least 1m away from every direction and protected by direct windstream.

For the installation:

- Flexible rubber gas hose with length at least 1.5m
- Fixing flat supporting brackets for the hose
- Two-stage low pressure reducing valve

The first thing is to install the reducing valve onto the gas cylinder (the gas cylinder must be stored and exploited away from direct sunlight and away from any kind of heating sources). After connecting the flexible rubber hose from one end to the gas cylinder via the reducing valve and from the other with the product a gas leak check must be executed. Meaning that all connections must be checked for leakage with using a soapy water. Simply apply soapy water on to the connection points and turn the gas supply from the reducing valve on the cylinder only. In case of bubbles coming out from the connection points, they must be retightened. This procedure should be repeated until there are no bubbles coming out.

Warning! The use of open fire is strictly forbidden when executing a gas leak check.

Use and Exploitation

Turn on the gas supply from the reducing valve on the gas cylinder. Turn the gas tap anti-clockwise to enable the burner to fill up with gas. After 2-3 seconds light the burner by using an open fire (e.g. lighter). After lighting the burner up turn the gas tap left in order to get the nominally fire. If the burner does not lit, turn of the gas supply and re-do the procedure until the burner lights. An increase of the gas supplied at the lighting stage may help.

After the lighting has occurred the flame must not go out when switching from high to low consumption or the other way around. The flame must be stable with blue color and there should be evidence of cone shape inside. When the burning is inappropriate the following should occur:

- Tearing of the flame- when the flame is burning outside the range of the burner.
- Backstroke – when the flame is going inside the burner.
- Evidence of “yellow tongues”- coloring the top end of the flame with yellow color (yellow tongues). This is a criteria when the hygiene of the gas that is burned.
- Soot occurred – insufficient burning - lack of airflow

If any of the following occurs a mandatory adjustment should take place.

How to turn it OFF:

- cut the gas supply off from the reducing valve on the gas cylinder
- After the gas from the burner, the hose and the gas pipes have all burned out, turn the gas tap clockwise to cut off the gas supply.



Safety requirements:

The safety is guarantee by the manufacturer, if the appliance is exploited by the regulations, terms and conditions and constant supervision when using the product:

- is used outdoors or in well ventilated areas only.
- install the product on firm, horizontal surface which is inflammable.
- do not move the appliance will in use.
- the use of protective gloves is recommended.

Warning!

Never change or alter the construction or the parts of the product – This may be hazardous.

Requirements for safety use:

- the gas cylinder must be placed at least 1.5m away from the appliance.
- the cylinder must not reach temperature over 40 degrees/Celsius.
- the appliance and the cylinder must not be situated beneath level 0.
- the connection of two appliance to only one gas cylinder is strictly forbidden.
- when the appliance is not in use the reducing valve must be closed.
- If there is a gas leak the supply of gas must be cut off immediately from the reducing valve.

Storage and Cleaning:

- cut off the gas supply before cleaning
- clean the appliance after every use if necessary
- do not use corrosive materials and wire brushes for cleaning
- make sure that the burner is not plugged or obstructed by debris.
- regularly check the rubber hose for bends, cracks or deformation. If necessary replace it with a new one.
- regularly check the connections for leakage.
- the appliance must be stored in dry areas.

THE MANUFACTERER IS NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY OCCURRED FROM NOT FOLLOWING THE INSTRUCTIONS GIVEN IN THIS MANUAL

Dear Customer,

We wish you pleasant and smooth exploitation of our product and we thank you for your choice.