KORTA

Operating Manual | KAMIN |
Gas Outdoor Fireplace

1. WARNING

Read the manual through carefully before using the Gas-Outdoor stove (neocube-o), and keep the manual safely to hand.

- It is dangerous and illegal to use this unit in an enclosed space! The unit has been developed for outdoor use.
- This product and, if applicable, the gas cylinder should be installed in accordance with the instructions in this manual, as well as with all applicable national and/or local regulations.
- The distance from flammable materials to the fireplace should be at least 1.5 metres.
- Never leave the fire unattended.
- Do not move the gas outdoor fireplace when it is hot or in operation.
- Keep children out of reach of the product while it is in use and until it has completely cooled down.
- Caution! Touching the hot parts can cause blisters! A safety device has to be provided to keep children as well as frail or disabled people from coming too near to the unit.
- Before moving this outdoor stove, close the valve on the compressed gas bottle or the pressure regulator.
- Always shut off the gas valve before moving the product.
- Shut off the gas supply after use.
- Never perform repairs on your own and do not make any changes to the unit.
- Do not block the air flow in the direction of the burner and/or the injector.
- Do not interfere with the air flow in the direction of the gas cylinder housing.
- In the case of strong wind, place the unit in a sheltered location to prevent it from overturning.
- In the event of a gas leak, close the gas cylinder or shut the gas valve connected to the main gas supply.
- If you install a (separate) device in which to place the gas cylinder, be sure that the cylinder is well ventilated. Propane is heavier than air, and an accumulation of this gas can have dangerous consequences. If you have any questions about the instructions in this manual, please contact your sales outlet.

2. INSTALLATION INSTRUCTIONS

Packaging contents:

. base frame including ceramic
. gas burner
. lava stones
. glass
. 4 x glass retaining clips
. 4 x stainless steel screws for gas burner
. attachment for gas bottle
. operating manual

Unpacking:
Once you have unpacked everything, you should dispose of the packaging appropriately.

Usage:
If your gas fire is set up in commercial areas, use a pressure reducer with a pressure relief valve. This is available for purchase as an optional component.

External setup:
The gas stove should not be exposed to inclement weather for extended periods. To protect it against rain, snow etc., the weather protection hood is available as an optional accessory.

Attention: If you need help when connecting up the outdoor stove,
please contact your specialist retailer.

2.1 INSTALLATION MANUAL FOR LIQUEFIED PETROLEUM GAS

1. Connect the pressure regulator to the gas cylinder (left-handed thread) (the maximum allowable filling amount is 10.5 kg). To do so, use suitable (adjustable) pliers. It is not enough to tighten it by hand; This could allow a leak to occur. Replace the gas cylinder only in well-ventilated areas and not near candles, cigarettes or other flammable sources.
2. Caution: Before connecting the pressure regulator, always ensure that the rubber gasket is present and undamaged. If not, the device must not be used until the gasket is replaced.
3. Make sure that the gas cylinder is always standing upright. The gas hose must not come into contact with sharp objects or edges which could damage the inner tube. Be sure that the gas hose does not come into contact with hot parts of the burner.
4. Check all of the connections for leaks. To do so, moisten all of the gas connections with soapy water or use a gas leak detection spray. If bubbles arise in the suds or the gas leak detection spray, there is a leak.
5. Place the supplied lava stones (8-16 mm) in the shape of a small pile (Fig. 1 b) or a bank (Fig. 1 C) on the writer rim well. Be sure that no small pieces of stone enter the burner. Also be sure that no stones are lying on the thermal element. The fireplace is now ready for use.

Warning: Check the gas hose at least once a month as well as each time you change the gas cylinder. If the hose shows signs of cracks or other damage, it should be replaced by a tube of the same length and quality.

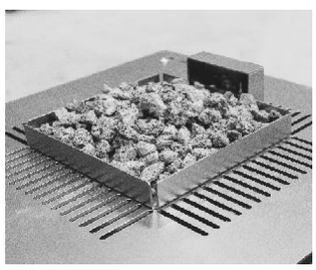


Fig. 1a

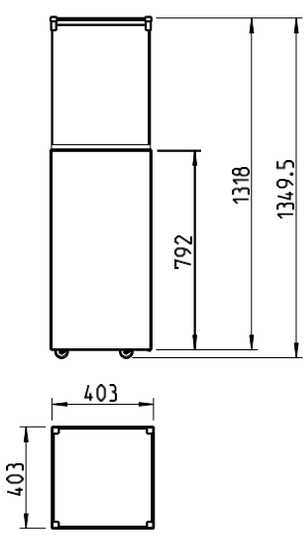
Fig. 1b

2.2 INSTALLATION INSTRUCTIONS FOR NATURAL GAS

1. Secure the gas stove in such a way that it cannot be moved once the gas pipe has been connected up.
2. The gas pipe must be installed by a recognised specialist installer in accordance with all applicable and/or local standards and provisions.
3. Spread the lava stones supplied with the stove (approx. 0.9 kg - 8-16 mm) over the fire bed in the form of a small heap. Ensure that no small stone chips enter the burner. Ensure that there are no stones on the thermocouple.
4. Check all of the connections for leaks. Coat all gas connections with soap lye or use a gas leak detector spray. If bubbles arise in the suds or the gas leak detection spray, there is a leak.
5. The stove is now ready to use.

3. TECHNICAL DATA

Manufacturer	CB-tec GmbH
Contact details	Behaimweg 2, D-87781 Ungerhausen
	Phone: +49 (0) 83 93-94 69-0
Model	neocube-o
Versions	Propane, Butane
Country of destination	Germany (FRG)
Standard	EN 14543 + A1
PIN Number	CE 0085CS0052
Propane connection	Pressure regulator 50 mbar
Heat output	6,5 - 9,0 kW



Manufactured by CB-tec GmbH

CE 0085 | CS 0052 PIN: 0085CS0052

Country	Gas category	Gas nozzle Ø in mm	Type of gas	Connection pressure in mbar	Operating performance in kW	Gas consumption
DE	I3B/P-50	1,3	G30	50	9	655 g/h
DE	I2LL	2,25	G25	20	6,5	720 l/h
DE	I2E	2,25	G20	20	7,5	715 l/h
AT	I2H	2,25	G20	20	7,5	715l/h
AT	I3B/P-50	1,3	G30	50	9	655 g/h
CH	I2H	2,25	G20	20	7,5	715 l/h
CH	I3B/P-50	1,3	G30	50	9	655 g/h
FR	I3+	1,3	G30	30	7	509 g/h
ES	I2H	2,25	G20	20	7,5	715 l/h
ES	I3+	1,3	G30	30	7	509 g/h
GB	I2H	2,25	G20	20	7,5	715 l/h
GB	I3+	1,3	G30	30	7	509 g/h
IT	I2H	2,25	G20	20	7,5	715l/h
IT	I3B/P-30	1,3	G30	30	7	509 g/h
LU	I2H	2,25	G20	20	7,5	715l/h
LU	I3B/P-30	1,3	G30	30	7	509 g/h
NL	I3B/P-30	1,3	G30	30	7	509 g/h
NL	I2L	2,25	G25	20	6,5	720 l/h
PL	I2E	2,25	G20	20	7,5	715 l/h
PL	I3B/P-30	1,3	G30	30	7	509 g/h
SE	I2H	2,25	G20	20	7,5	715l/h
SE	I3B/P-30	1,3	G30	30	7	509 g/h
DK	I2H	2,25	G20	20	7,5	715l/h
DK	I3B/P-30	1,3	G30	30	7	509 g/h
NO	I2H	2,25	G20	20	7,5	715l/h
NO	I3B/P-30	1,3	G30	30	7	509 g/h
FI	I2H	2,25	G20	20	7,5	715l/h
FI	I3B/P-30	1,3	G30	30	7	509 g/h
BE	I3+	1,3	G30	30	7	509 g/h
HU	I2H	2,25	G20	20	7,5	715l/h
HU	I3B/P-50	1,3	G30	50	9	655 g/h
CZ	I2H	2,25	G20	20	7,5	715l/h
CZ	I3B/P-30	1,3	G30	30	7	509 g/h
LT	I2H	2,25	G20	20	7,5	715l/h
LT	I3B/P-30	1,3	G30	30	7	509 g/h
LV	I2H	2,25	G20	20	7,5	715l/h
LV	I3B/P-30	1,3	G30	30	7	509 g/h
EE	I2H	2,25	G20	20	7,5	715l/h
EE	I3B/P-30	1,3	G30	30	7	509 g/h
SK	I2H	2,25	G20	20	7,5	715l/h
SK	I3B/P-30	1,3	G30	30	7	509 g/h
SI	I2H	2,25	G20	20	7,5	715l/h
SI	I3B/P-30	1,3	G30	30	7	509 g/h
RO	I2H	2,25	G20	20	7,5	715l/h
RO	I3B/P-30	1,3	G30	30	7	509 g/h
HR	I2H	2,25	G20	20	7,5	715l/h
HR	I3B/P-50	1,3	G30	50	9	655 g/h
GR	I2H	2,25	G20	20	7,5	715l/h
GR	I3B/P-30	1,3	G30	30	7	509 g/h
PT	I2H	2,25	G20	20	7,5	715l/h
PT	I3+	1,3	G30	30	7	509 g/h
IE	I2H	2,25	G20	20	7,5	715l/h
IE	I3+	1,3	G30	30	7	509 g/h
IS	I3B/P-30	1,3	G30	30	7	509 g/h
MT	I3B/P-30	1,3	G30	30	7	509 g/h
TR	I2H	2,25	G20	20	7,5	715l/h
TR	I3B/P-30	1,3	G30	30	7	509 g/h
BG	I2H	2,25	G20	20	7,5	715l/h
BG	I3B/P-30	1,3	G30	30	7	509 g/h
CY	I3B/P-30	1,3	G30	30	7	509 g/h

4. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the gas fireplace! If the information from the instructions is not strictly followed, fire or explosion could result, which could lead to property damage, serious bodily injury or even death.

WARNING: Umproper installation, adjustments, changes, care or maintenance can result in injury or damage. Consult the user's manual which is included in this delivery. If you have questions or would like additional information, please contact an authorised gas fitter. When igniting the burner, make sure that the valve of the gas cylinder is opened fully.

WARNING: The unit is intended exclusively for outdoor use. It is not suited for installation in buildings, garages or closed structures or in/on vehicles or boats.

WARNING: This gas fireplace should never be used underneath a combustible structure or combustible materials and should never be placed in the immediate vicinity of other combustible materials.

WARNING: The installation and maintenance of the unit should be conducted by a recognised gas fitter. Local regulations should be followed in the process. Improper installation, adjustment, alteration, care or maintenance can result in damage or injury.

WARNING: Follow all the instructions (provided in the manual) regarding gas leak detection before operating the unit. Never try to loosen the gas fitting when the unit is in use.

WARNING: Do not use or store petrol or other flammable vapours or liquids near this or other units.

WHAT YOU SHOULD DO IF YOU SMELL GAS: Close the gas supply, extinguish any fires, and then contact your gas fitter and follow his instructions. If you cannot reach your gas fitter, you should contact the fire brigade.

WARNING: This unit may not be used on a flammable surface, such as a wood table.

WARNING: Operation and transport may be carried out only with the four secured cotter pins. The cotter pins are included with the unit and are to be inserted in the gas cylinder compartment in the perforated steel plates of the upper part of the glass (Fig. 2a /b).

Fig. 2a

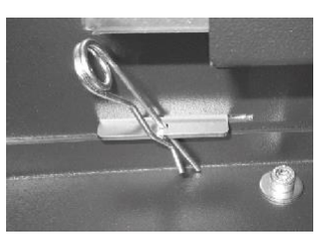


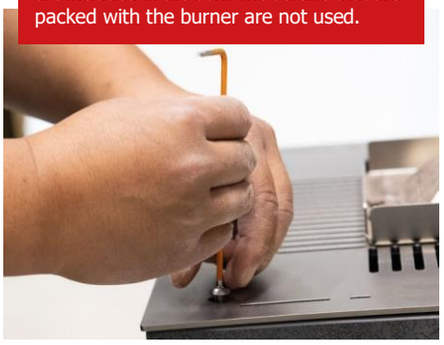
Fig. 2b

5. ASSEMBLY INSTRUCTIONS

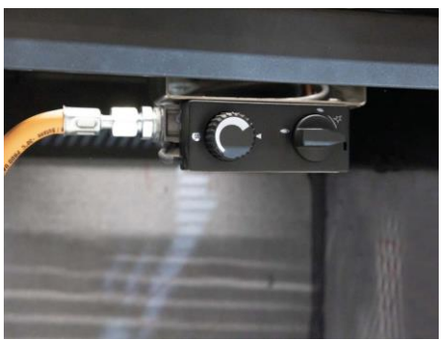
Important information:
Please use the stainless steel screws that are included in the box. The screws that are packed with the burner are not used.

1. Unpacking carefully the pallet.

2. Take the ceramic base carefully from the pallet and position it at the installation site.



3. Unpack the burner from the packaging and mount it on top the base frame with the four stainless steel screws M5.



4. Make sure that the gas control block is facing the rear, to the door.

5. Spread the lava stones in the form of a small hill on the burner bed. Make sure that no small stone chips get into the burner.

6. Take the glass hood from the packaging and mount it on the ceramic base.

7. Secure the glass hood from below with the 4 glass retaining clips as shown.

8. Insert the gas bottle, secure with the rubber.

9. Screw the pressure reducer on the bottle.

10. Possibly lock the rollers with the brake.

You can now start commissioning the device.
-> Point 6

6. COMMISSIONING THE UNIT

1. Remove the weather protection hood (if provided).
2. Check that the gas is connected correctly to the gas cylinder and open the cylinder.
   Secure the gas cylinder with the rubber mounting piece.
3. The gas outdoor fireplace is operated with the gas regulator located behind the fireplace door.
4. In order for the gas to be able to flow to the burner, the tip-protection (Fig. 3) has to be aligned horizontally.

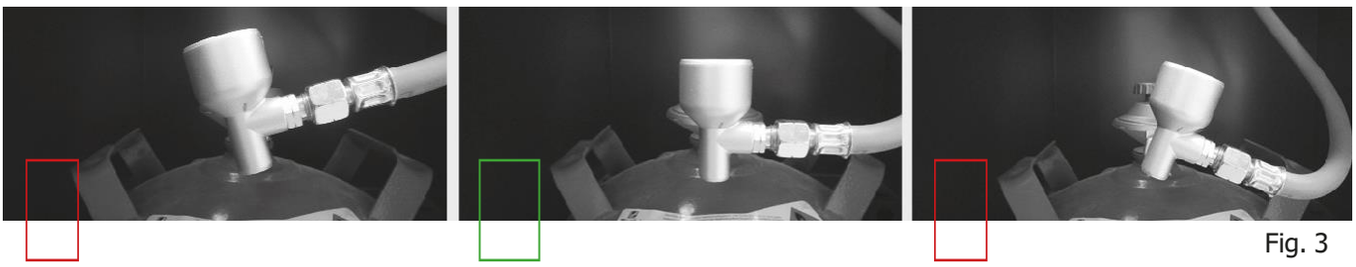


Fig. 3

6.1 SWITCHING THE UNIT ON

1. Turn the ignition knob on the gas control panel (Fig. 4) as far to the right as possible. Push in the ignition knob. Then, turn it to the left, keeping it pushed in until you hear a "click" (Fig. 5). This "click" is the ignition of the pilot light. If necessary, repeat this process 3-5 times until the pilot light is burning.
2. Once the pilot light is lit, continue holding in the ignition knob for another 10 seconds. Then release the ignition knob.
3. If the pilot light goes out, repeat steps 1 and 2 until the pilot light starts burning.

Caution: If a new gas cylinder is installed or the fireplace has not been used for a while, you first have to release the air from the gas hose. This may take a while before the pilot light ignites.

6.2 BURNER FLAME

After the pilot light starts burning, the ignition knob (Fig. 6) has to be turned to the left. Now the main burner (Fig 1) is supplied with gas.

6.3 ADJUSTING THE FLAME HEIGHT

1. The desired height of the gas flame can be adjusted by turning the flame height controller (Fig. 7) to the right or left.
2. For a lower gas flame, turn the knob clockwise to the right (Fig. 8).
3. For a higher gas flame, turn the knob clockwise to the left (Fig. 7).

6.4 SWITCHING THE UNIT OFF

1. By turning the ignition knob to the right again (Fig. 4), you will shut off the gas supply and the fire will go out.
   Then, the gas cylinder has to be closed.

6.5 WARNING – IF YOU SMELL GAS

Never ignite the unit if you smell gas. If the unit is on when you smell gas, you have to interrupt the gas supply (close the gas cylinder or the gas valve). Then, check all of the connections for leaks. To do so, moisten all of the gas connections with soapy water or use a gas leak detection spray. If bubbles arise in the suds or the gas leak detection spray, there is a leak. You can only use the unit again after all the leaks have been sealed. Please consult your dealer, if necessary.

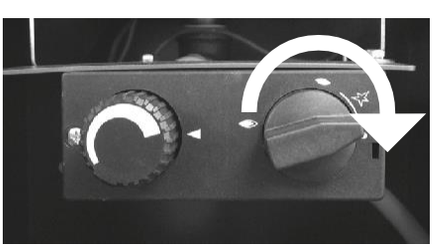


Fig. 4

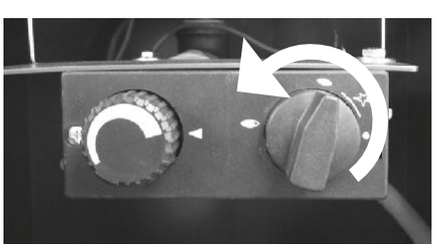


Fig. 5

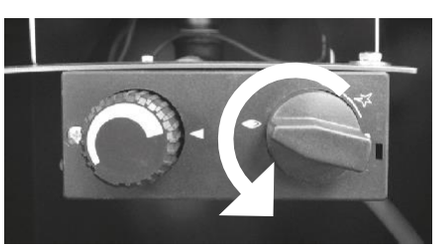


Fig. 6

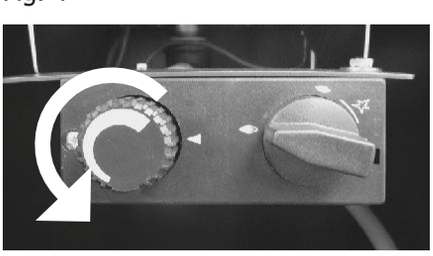


Fig. 7

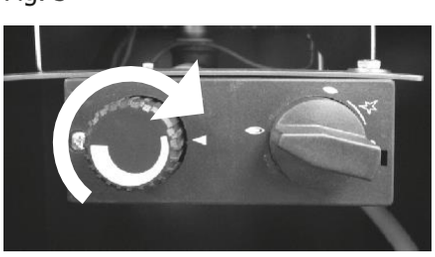


Fig. 8

6.6 REMOVING THE GLASS CASING

The glass casing is fitted on the body and is secured on the sides with four steel lugs. (Fig. 9)

The steel lugs are inserted through the coated body and are secured in the gas cylinder compartment with four cotter pins (Fig. 10).

To take off the glass casing, the four cotter pins must be removed from the steel lugs (Fig. 11).
Then the glass can be carefully lifted up (Fig. 12).

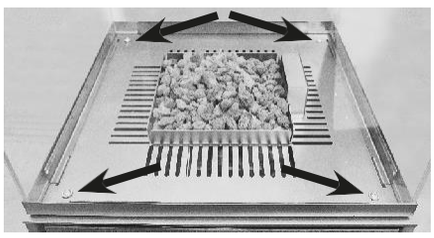


Fig. 9

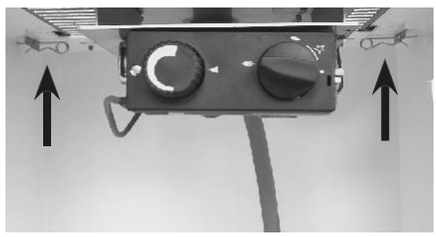


Fig. 10

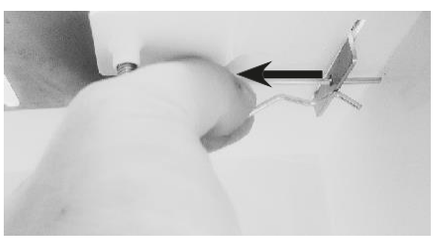


Fig. 11

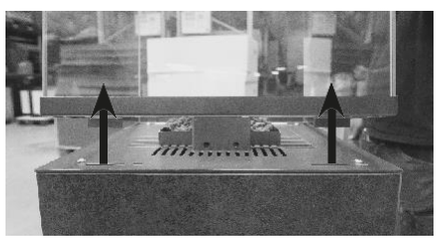


Fig. 12

7. GAS CYLINDER ADAPTER

7.1 ADAPTER FOR THE CONNECTION

Information see page 10.

7.2 WEATHER PROTECTION HOOD

Information see page 10.

8. GENERAL WARRANTY CONDITIONS

8.1 AREA OF APPLICATION

These standard warranty terms apply for the contractual relationship between the manufacturer, CB-tec GmbH, and the dealer/ distributor. These warranty conditions are not identical to the contractual and warranty conditions governing relations between the dealer or distributor and its customers.

8.2 GENERAL INFORMATION

This product has been manufactured in compliance with current standards of quality control. The materials used have been carefully selected and – like our entire production process – are subject to on-going quality control. Specialist knowledge is required when assembling and installing the product. The product must, therefore, only be installed and commissioned into service by specialist technical staff, in compliance with current statutory provisions.

8.3 WARRANTY PERIOD

The standard warranty terms only apply within Germany and the European Union. The warranty period and scope of the warranty are ensured within the framework of these conditions outside the statutory warranty, which remains unaffected.

CB-tec GmbH offers a 24-month warranty in respect of the housing, operating components (such as setting levers, shock absorbers), electrical and electronic components (such as fans), rotational speed controllers, original spare parts, the pressure regulator, all items purchased as extras, and all safety appliances. CB-tec GmbH offers a 6-month warranty in respect of consumables mounted in the combustion /firebox area, such as the fire clay, vermiculite, fire grates, seals and glass ceramics.

8.4 WARRANTY REQUIREMENTS

The warranty period shall begin on the date when the product is delivered to the dealer/intermediary. This is to be substantiated by documentation, such as invoices or delivery notes by the dealer/intermediary. The warranty certificate for the product must be presented by the claimant upon making a warranty claim.

CB-tec GmbH is not obliged to satisfy any claim if such documentation is not presented.

8.5 EXCLUSIONS FROM THE WARRANTY

These warranty provisions do not cover:

- component wear
- fire clay/vermiculite, i.e. natural products which expand and contract on exposure to cyclical heating and cooling. This can cause cracks to appear. The combustion chamber linings will remain fully functional, provided they are still in position and are not broken.
- the upper surfaces: discolouration of the coating or galvanic surfaces, due to excessive thermal loading or over-heating.
- the push-up mechanism: failure to comply with installation guidelines, resulting in over-heating of the guide rollers and bearings.
- seals: reductions in sealing strength due to seal hardening as a result of thermal loading.
- glass ceramics: soiling, due to soot or other burnt-on combustionmaterials and visual deterioration due to thermal loading.
- careless transportation or incorrect storage
- inappropriate or careless handling of fragile components, such as glass or ceramics
- incorrect operation and/or use
- lack of maintenance
- incorrect installation or equipment connection
- failure to comply with installation guidelines or operating instructions
- technical modifications made to the appliance by persons other than the qualified technical staff

8.6 ELIMINATION OF DEFECTS / REPAIR

Independent of any statutory provisions acknowledged as taking precedence over the terms of this warranty, all necessary repair work resulting from material or manufacturing defects shall be conducted free-of-charge and shall not invalidate the remaining provisions of the warranty. Within the scope of this warranty promise, CB-tec GmbH reserves the right to either remedy the fault or replace the device free of charge. The elimination of defects shall take precedence. The terms of this warranty shall not extend to any damage or compensation not covered by statutory provisions.

8.7 EXTENSION TO THE WARRANTY PERIOD

The warranty period shall automatically be extended when claims made in respect of these guarantee provisions result in the repair or replacement of defective equipment.

8.8 SPARE PARTS

Only the manufacturer's own components, or replacement parts recommended and approved by him, shall be used for appliance servicing and repair.

8.9 LIABILITY

Damages and claims for compensation which are not the result of delivery of a defective device from CB-tec GmbH are excluded and are not part of this warranty promise.

The above shall not include claims made in respect of statutory legal requirements.

8.10 CLOSING REMARKS

In addition to these warranty conditions and our commitment to them, our dealers and contractual partners are pledged to assist you in both word and deed. We expressly recommend that our fireplaces and stoves be inspected regularly by a qualified technician.

Contact information:

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