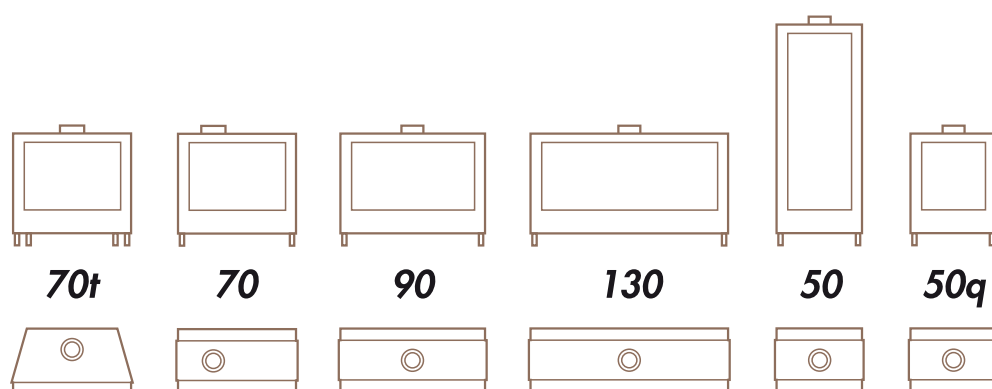




# Italkero

*Gas heating*  
**- NATURAL -**



## Camino

balanced flue fireplace

**USER, INSTALLATION AND  
TECHNICAL ASSISTANCE**



0694  
BT1685

## COMPLIANCE

Our appliances are compliance at:

- Gas directive 2009/142/CE (ex. 90/396/CEE)
- Electromagnetic directive compatible 2004/108/CE
- Low-tension directive 2006/95/CE



## RANGE

	<i>70t</i>	<i>70</i>	<i>90</i>	<i>130</i>	<i>50</i>	<i>50q</i>
1 side insert	IN07A1 M0000	IN07A3 M0000	IN09A3 M0000	IN13A3 M0000	IN05A3 M0000	IN04A3 M0000
2 sided insert	-	IN07A2 M0000	IN09A2 M0000	IN13A2 M0000	IN05A2 M0000	IN04A2 M0000

*Dear Technician,*

*Congratulations on having chosen our appliance. This unit is able to provide many years of well-being with extremely high standards of efficiency, reliability, quality and safety.*

*By means of this booklet, we intend providing you with all the information we consider necessary for correct and easy installation.*

*Thank you once again*

*The Manufacturer*

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## WARRANTY

Our appliances are covered by a **SPECIFIC WARRANTY** starting on the date of validation by the Authorised After-Sales Service of your area, whose address you can find on our website or by directly contacting the manufacturer.

Please promptly contact this After-Sales Service which

**FREE OF CHARGE:**

- will commission the appliance and
- validate the attached WARRANTY CERTIFICATE.

Please read this certificate carefully.

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*In same parts of the book there are used these symbols:*












**Attention:** it is used to underline particular caution or actions.









**Prohibited:** it is used to underline the actions that don't have to be executed.

## GENERAL INFORMATION

-  After removing the packaging, check the integrity and completeness of the supply and in case of any discrepancies, contact the Agency that sold the appliance.
-  The appliance must be installed by companies approved pursuant to Law no. 46 dated 5 March 1990. Upon completing the installation, such companies must issue a declaration of installation conformity in accordance with applicable national laws and the instructions provided by the Manufacturer in the installer's booklet attached to the product.
-  The appliance must only be used for the purpose intended by the Manufacturer and for which it has been expressly designed. The Manufacturer disclaims any contractual and non-contractual liability for injuries caused to people or animals and damage to things, due to installation errors, wrong settings, bad maintenance or improper use.
- If the appliance is not used for a long period of time, the following operations must be performed:
    - \* position the master switch of the appliance on "off"
    - \* position the master switch of the system on "off" or disconnect the plug from the power mains (if fitted) ;
    - close the gas tap.
-  This booklet is an integral part of the appliance and must therefore be looked after carefully and must ALWAYS accompany the appliance, even when this is transferred to another owner or user, or else transferred to another system.
-  In case of damage or loss, ask the Technical Assistance Service of your Area Manufacturer for another copy.
-  The glass and frame act as fire-protection devices and must not therefore ever be removed from the appliance except for maintenance purposes, and never during appliance operation. The Manufacturer disclaims all liability for injuries to persons and animals and damage to things in the case of such faulty installation.
-  This appliance features a hearth with ashes and ceramic billets containing refractory ceramic fibre made up of artificial vitreous silicate fibres. When handling these materials therefore, avoid creating excess dust. Prolonged exposure to these materials can cause irritation of the eyes and skin and breathing problems. If one of the ash or billet components is replaced, always seal the removed parts in a bag and dispose of them through authorised channels.
-  Do not use the Appliance in the event of the glass being broken or with the hearth door open. This is a sealed-chamber appliance and no combustion residues must be allowed to escape or oxygen burned in the place of installation.
-  **IMPORTANT! BEFORE LIGHTING THE APPLIANCE, CAREFULLY READ ALL THE INSTRUCTIONS AND PRECAUTIONS IN THIS BOOKLET.**

## FUNDAMENTAL SAFETY RULES

Please remember that the use of products involving fuels and electricity requires the enforcement of a number of fundamental safety rules such as:

-  Children and unassisted disabled persons must not use the appliance.
-  Do not start electric appliances or equipment, such as switches, household appliances etc in case of a smell of fuel or of combustion fumes.
- In this case:
- ventilate the premises by opening the doors and windows;
  - close the fuel opening/closing device;
  - immediately call the Manufacturer's After-Sales Service or professionally skilled personnel.
-  Do not touch the appliance with wet or damp parts of the body or if your feet are wet.
-  Cleaning is forbidden without first disconnecting the appliance from the power mains by turning the master switch, if fitted, to "OFF" or taking out the plug.
-  Do not pull, disconnect or twist the power cables exiting from the appliance even when this is disconnected from the power mains.
- Do not place objects, such as towels, rags, etc., on the appliance which could cause malfunctions or prove to be a hazard.
-  Never leave packaging material (cartons, plastic bags, etc.) within reach of children as this could be a potential hazard source.

## DESCRIPTION OF THE APPLIANCE

Independent gas appliances for heating environments.

They feature an atmospheric burner with combustion chamber TYPE C11 and C31, sealed with respect to the installation premises, utmost guarantee of safety because no exhaust or fuel fumes enter the premises.

The suction of the combustion air and discharge of combustion products occurs outside the installation premises.


In view of their small size, they can be installed in very compact spaces and ensure a greater well-being of the heated environment.

The natural convective movement permits quick heating of the environments from when the appliance is switched on. This type of appliance can of course be channelled for better heat distribution.

An electronic board controls all the main functions of the appliance and automatically interrupts the gas supply in case of a fault.

The control panel features: appliance On/Off supply, manual or automatic start/stop, daily Timer programming, heat output setting, room temperature setting and operating condition reset after a fault.

The fume inlet and exhaust pipes including the wall terminal (type C11) or roof terminal (type C31), the bends, pipes, coaxial connector and other accessories, all Listed by the manufacturer (see examples in INSTALLATION chapter).

 The appliances are factory set, to operate with Natural Gas, but are also available for LPG (G30/G31).

This type of appliance can be transformed from Natural Gas to LPG and vice versa.

The gas type and pressure used for operation are shown on the technical data plate affixed to the appliance.

Do not change the factory settings of the gas control unit or receiver before installation. The burner and pilot light are factory set by the Manufacturer.

The fireplace must be connected to the gas type shown on the burner. Never ever connect a Natural Gas burner to the LPG supply or vice versa.

## IDENTIFICATION

The appliance can be identified by means of:


- the packaging label  
showing the name of the product, the code, the serial number and the type of gas that can be used.

### - The Technical Plate

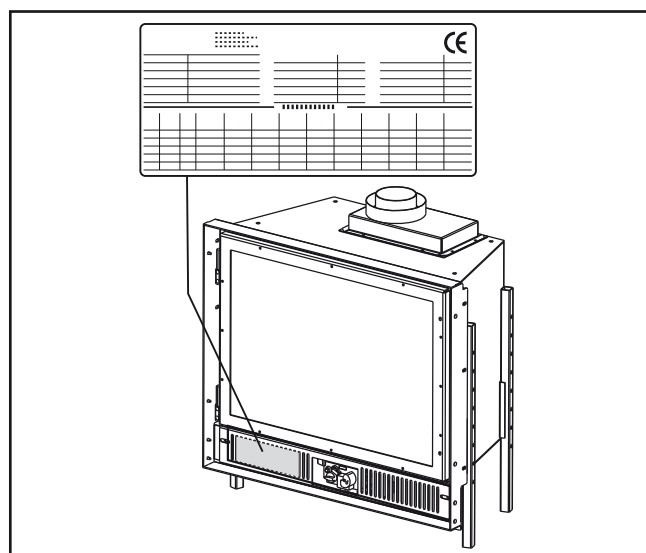
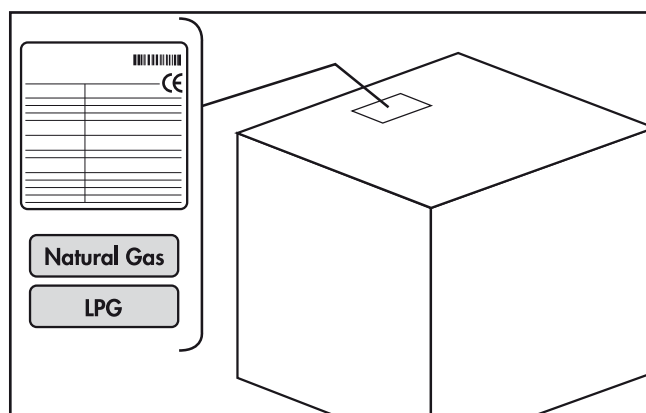
showing the serial number, the model and the main technical-performance data.

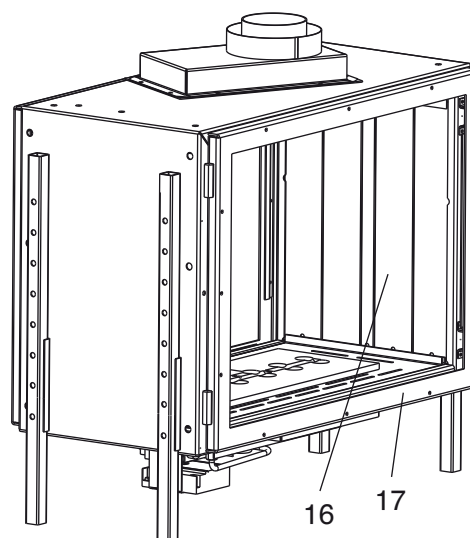
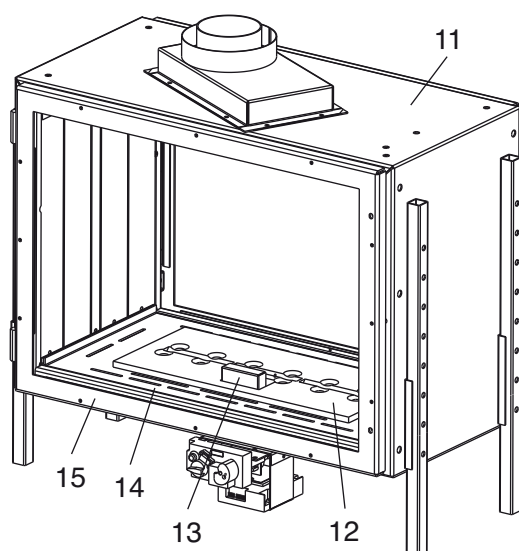
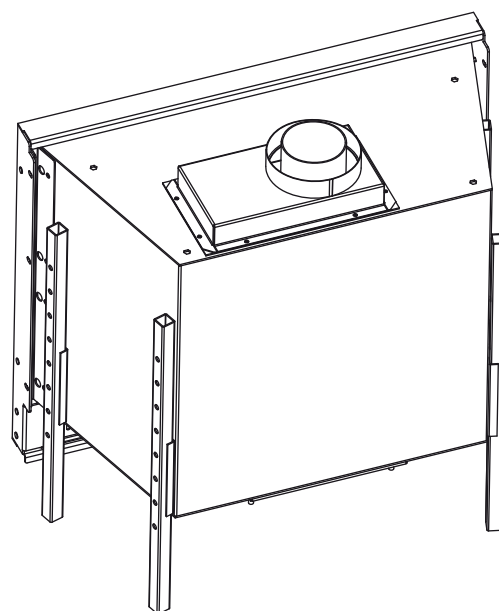
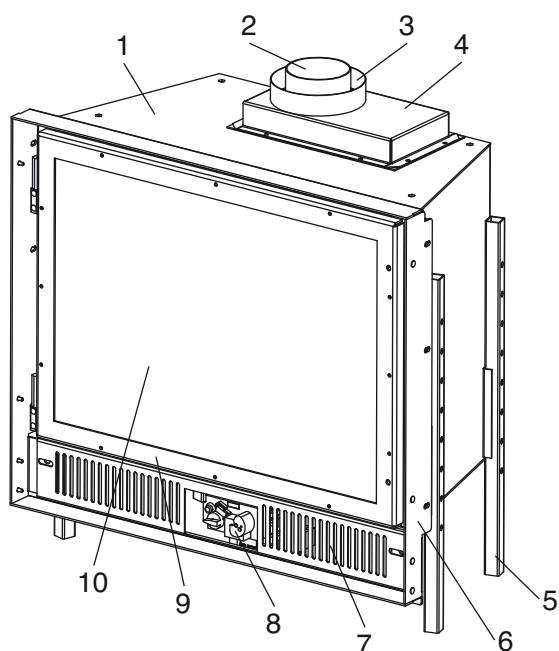
### - The gas type plate

Showing the name of the gas for which the appliance has been set and regulated. If the type of gas is changed, this plate must be replaced with that of the new gas!

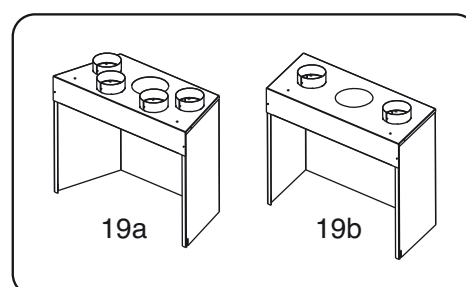
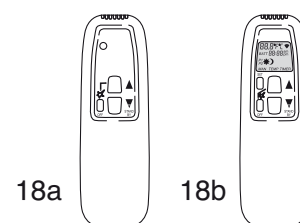
 Spare parts and/or technical jobs require the exact identification of the associated model of appliance.

Tampering with, removing or the absence of the Technical Plate, etc. does not allow the exact identification of the product, making any installation and maintenance job difficult.





- 1 - Structure 1 side (painted steel)
- 2 - Fume exhaust - 100mm
- 3 - Air inlet - 150mm
- 4 - Connection box
- 5 - Height-adjustable feet
- 6 - Recess and relief frame supporting structure
- 7 - Cover grille
- 8 - Valve control unit
- 9 - Door (mod. 1 side)
- 10 - Heat-resistant glass
- 11 - Structure 2 sides (painted steel)
- 12 - Vermiculite top (mod. 70t and 70 only)
- 13 - Thermocouple pilot cover
- 14 - Lower surside (painted steel)
- 15 - Front door (mod. 2 sided)
- 16 - Background elements
- 17 - Back door (mod. 2 sided)
- 18a - Standard remote control
- 18b - Remote control with Display (optional)
- 19a - Air flow casing (mod. 70t)
- 19b - Air flow casing (mod. 70 - 90 - 130 - 50)



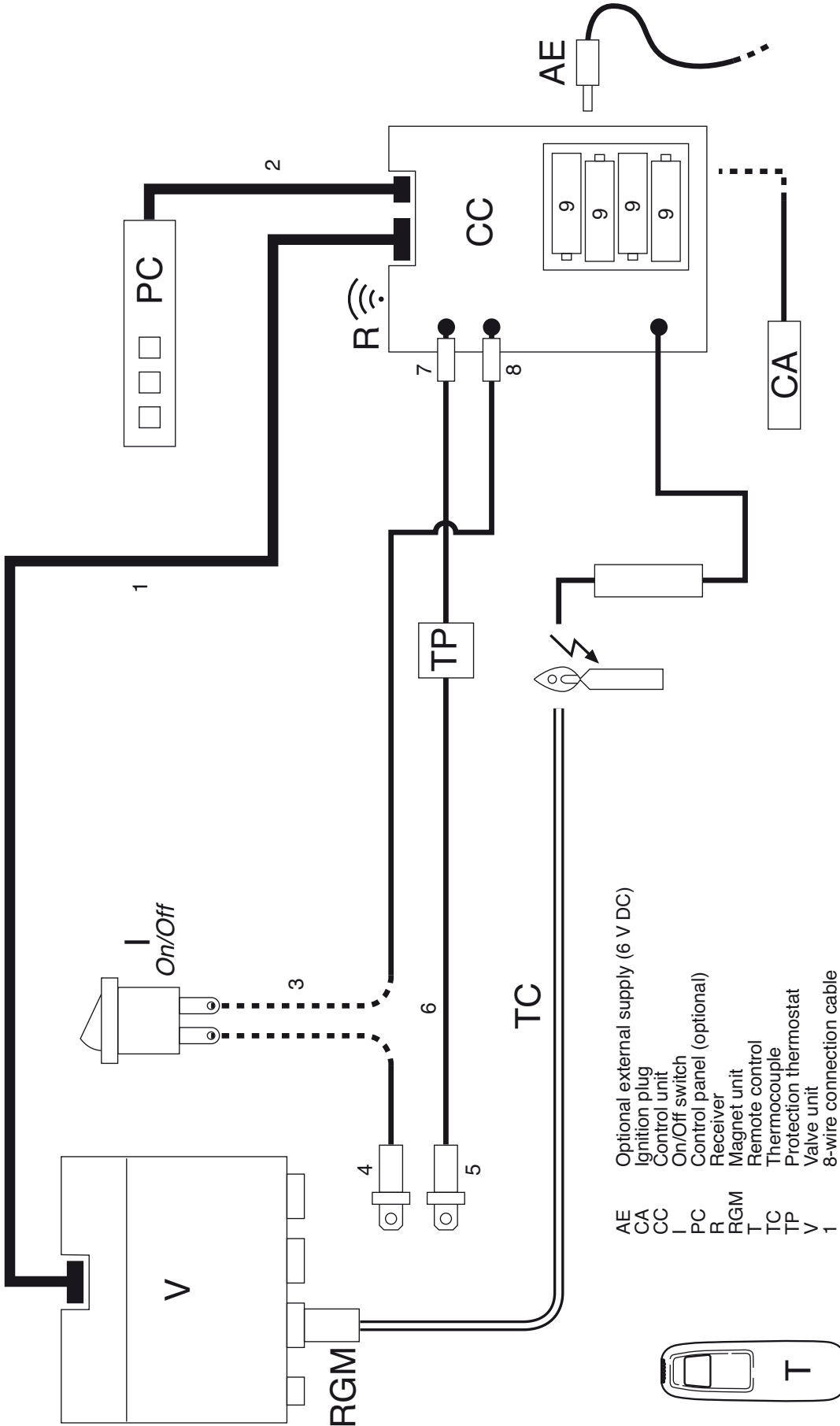
## TECHNICAL DATA

Technical data	u.m.	70t - 70		90		130		50		50q	
Model 1 side		IN07A1 - IN07A3		IN09A3		IN13A3		IN05A3		IN04A3	
Model 2 sided		IN07A2		IN09A2		IN13A2		IN05A2		IN04A2	
Supply	-	methane	propane	methane	propane	methane	propane	methane	propane	methane	propane
		G20	G31	G20	G31	G20	G31	G20	G31	G20	G31
Nominal heat input. (Qn)	kW	7	7	6,3	6,3	10	10	8,3	8,3	3,95	3,95
Red. heat input.	kW	3	3	2,4	2,4	4	4	3,3	3,3	1,7	1,7
Nominal heat output (Pn)	kW	5,6	5,6	4,85	4,85	7,60	7,60	6,30	6,30	2,96	2,96
Red. heat output	kW	2,4	2,4	1,65	1,65	2,67	2,67	2,18	2,18	1,10	1,10
Efficiency	%	80	80	77	77	76	76	76	76	75	75
Nominal supply pressure	mbar	20,0	37,0	20,0	37,0	20,0	37,0	20,0	37,0	20,0	37,0
Nominal nozzle pressure	mbar	12,0	36,8	12,0	36,8	12,0	36,5	12,0	36,6	12,0	36,9
Reduced nominal nozzle pressure	mbar	2,1	5,7	2,0	6,0	2,0	6,2	2,0	6,5	2,0	6,9
Gas consumption (15°C)	m³/h	0,740		0,666		1,057		0,878		0,417	
	kg/h		0,552		0,489		0,776		0,664		0,306
Type of appliance		C11 - C31	C11 - C31	C11 - C31	C11 - C31	C11 - C31	C11 - C31	C11 - C31	C11 - C31	C11 - C31	C11 - C31
Fuel category		I 2H - I 3P	I 2H - I 3P	I 2H - I 3P	I 2H - I 3P	I 2H - I 3P	I 2H - I 3P	I 2H - I 3P	I 2H - I 3P	I 2H - I 3P	I 2H - I 3P
Efficiency class / NOx		2 / 5	2 / 5	2 / 5	2 / 5	2 / 5	2 / 5	2 / 5	2 / 5	2 / 5	2 / 5
Burner nozzles	nr	1	1	1	1	1	1	1	1	1	1
	mm	2,30	1,35	2,10	1,25	1,98	0,95	2,50	1,45	1,65	0,95
Pilot nozzles	nr	1	1	1	1	1	1	1	1	1	1
	mm	0,35	0,25	0,35	0,25	0,35	0,25	0,35	0,25	0,35	0,25
MAX/MIN heated volume (approximate)	m³										
Quantity of heated air (approximate)	m³/h										
Power supply: 3 batteries A	V -	4,50	4,50	4,50	4,50	4,50	4,50	4,50	4,50	4,50	4,50
Power input in operation	W										
Degree of protection	-	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
reduced Gas consumption G20 (15°C)	m³/h	0,317		0,253		0,423		0,348		0,180	
reduced Gas consumption G30/G31 (15°C)	kg/h		0,236		0,189		0,310		0,256		0,132
Gas connection pipe	-	3/8" / Ø 12mm									
Gas valve to burner supply pipe	-	Ø 8mm - L max 1 m									
Coaxial exhaust pipe (inside/outside)	Ø mm	100/150									
Batteries											
- Remote control	nr	1 x 9V PP3									
- Receiver unit	nr	4 x 1,5V AA									

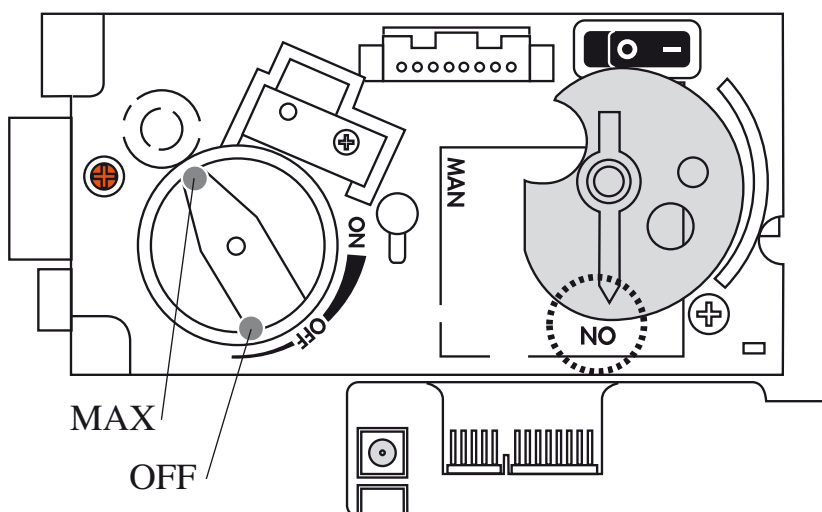
## ACCESSORIES

pos.	DESCRIPTION	Code
-	Log set	See price list
-	River pebbles	See price list
-	FRAME recessed	See price list
-	FRAME relief	See price list
-	CASING hot air flow (outlet Ø130)	See price list
1	Remote DISPLAY	70006049 00
2a	CURVE coaxial 30° (Outside = Ø150, Inside = Ø100)	70006020 00
2b	CURVE coaxial 45° (Outside = Ø150, Inside = Ø100)	70006021 00
2c	CURVE coaxial 60° (Outside = Ø150, Inside = Ø100)	70006022 00
2d	CURVE coaxial 90° (Outside = Ø150, Inside = Ø100)	70006023 00
2e	CURVE coaxial 90° with inspection (Outside = Ø150, Inside = Ø100)	70006024 00
3a	PIPE coaxial 50cm (Outside = Ø150, Inside = Ø100)	70006025 00
3b	PIPE coaxial 100cm (Outside = Ø150, Inside = Ø100)	70006026 00
3c	PIPE coaxial iTi with inspection (Outside = Ø150, Inside = Ø100)	70006027 00
3d	PIPE telescopic 35,4 - 44cm (Outside = Ø150, Inside = Ø100)	70006028 00
3e	PIPE coaxial, can be shortened 50cm (Outside = Ø150, Inside = Ø100)	70006029 00
4a	END PIECE wall exhaust 60cm (Outside = Ø150, Inside = Ø100)	70006035 00
4b	END PIECE roof exhaust 136cm (Outside = Ø150, Inside = Ø100)	70006040 00
6a	CLAMP quick lock Ø150	70006050 00
6b	CLAMP wall fastening Ø150	70006051 00
7a	FLANGE universal wall fastening Ø150	70006055 00
7b	FLANGE aluminium roof closing (converse)	70006060 00
8	TILE inclination exit 20° - 45°	70006065 00

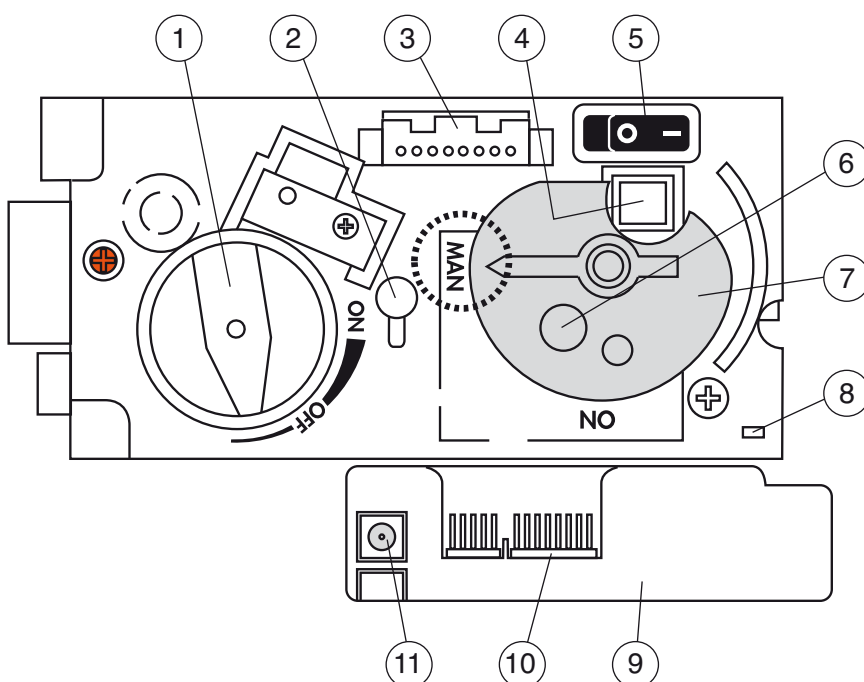




Automatic operation position with REMOTE CONTROL



MANUAL Operation position



- 1 - Adjustment knob
- 2 - MAX gas adjustment screw
- 3 - Wireless flame control Valve/Board connector
- 4 - Piezoelectric ignition button (emergency)
- 5 - O-1 switch
- 6 - Magnet stem for manual operation (emergency)
- 7 - Manual operation position knob
- 8 - Piezoelectric connector wire
- 9 - Flame control board
- 10 - Flame control Valve/Board connector
- 11 - Power socket - 6V DC