

LUMINOUS INFRARED GAS HEATERS



MANUAL FOR INSTALLATION, RUNNING AND MAINTENANCE



Models:

C-RAD PLUS version DM 4PM - 6PM - 8PM
M-RAD 6/08 – M-RAD 8/08

SIABS Srl

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GENERAL INSTRUCTIONS FOR INSTALLER, USER AND MAINTENANCE PERSONELL

Thank you for your preference and trust granted! SIABS is pleased to have You among his Customers; our appliances are designed and manufactured to the most modern and rational processing systems and we do think that their use will be fully satisfactory.

To keep appliances perfectly working and safe, time passing, we invite you to **read and follow the instructions** of this handbook and **commit all installation and maintenance (ordinary and extraordinary) operations only to skilled personnel**, with specific technical skills in the field of components of heating, preferably to SIABS authorized Service Centre.

FOR THE INSTALLER:

- **read carefully the warnings** in the manual **before performing any operation** as they provide important information concerning the safety of installation, use and the necessary maintenance operations to be performed
- this manual is integral and essential part of the product and **must be delivered to the user; retain it carefully for further consultations**
- **in case of non-compliance with the following instructions, the warranty covering the product(s) will be null and void**
- **BEFORE THE INSTALLATION**, verify that local gas distribution (type of gas and pressure) and appliance settings are compatible
- appliance must be **installed only in premises with adequate ventilation**
- installation should be done in **accordance with the Regulations in force** in the country of destination, to the state of art, following instructions by the Manufacturer
- **incorrect installation can cause damage** to people, animals and things; the Manufacturer doesn't accept any contractual and extra-contractual liability in tort and contract for damages caused by errors in installation and use
- use only original accessories and modification kits
- after you have removed all items from packing box, **make sure that all components have been included and their integrity**, in case of doubt not use the appliance and contact the Manufacturer; elements of packaging are potentially dangerous: therefore should not be left within the reach of children and must be disposed according to regulations in force
- before any cleaning or maintenance operation, **wait until the appliance is cold, disconnect it from the electricity supply and bring the fuel shut-off valve in the closed position**

FOR THE USER AND OWNER OF THE PLANT:

- this manual is integral and essential part of the product and **must be delivered to the user; retain it carefully for further consultations**
- **in case of non-compliance with the following instructions, the warranty covering the product(s) will be null and void**
- use only original accessories and modification kits
- in case of failure and/or malfunction of the appliance, turn it off refraining from any attempt to repair or direct intervention; **contact SIABS authorized Service Centre**
- when you decide to stop using the appliance, for **DISPOSAL or RESALE**, you will have to render harmless all parties which can be a source of potential danger; **the technical manual is integral and essential part of the product: it must be preserved and accompany the appliance in case of property change, so that it can be consulted by the new user and / or maintenance staff**

FOR YOUR SAFETY



In case of gas smell: DO NOT operate the heating plant, vent the ambient, DO NOT start apparatus or electric switches; contact the installer and gas supply company and follow scrupulously their instruction

IMPORTANT: appliances **MUST NOT be used in domestic environments.** This unit will be devoted only to the use for which it was expressly provided, **all other uses will be considered improper and therefore dangerous.**

IMPORTANT: appliances **MUST NOT be used in ambient with flammable materials, liquids or vapours:** non-compliance with these requirements may be cause of death, injury to persons or damage to things.

Warranty

SIABS guarantees its products, whether installed by authorized personnel, for a period of 24 months from the invoice date. The warranty does not cover the components supplied by third parties, these are subject to the conditions of the original warranty.

The guarantee is only the free supply on Ex-Works basis, of parts with manufacturing or workmanship defects.

The guarantee does not cover problems due to carelessness, incorrect setting, misuse of the appliance or fortuitous accidents, and not dependent on imperfection processing or defective materials, and those due to dismantling or changes without prior authorization from SIABS.

The correct functioning of the appliances depends on a proper installation and start-up. Failure to comply with these rules immediately involves the decay of the guarantee, and therefore of responsibility by the manufacturer.

Plate label

On each appliance you will find a plate of technical data – **do not remove** – placed on lateral reflector of the appliance (model PM), or on the rear support plate, in the lower part (model ST)

Apparatus type A1, gas category II 2H3P

		This appliance must be installed in accordance with the rules in force. It shall be used in a space ventilated in accordance with the requirements of EN 13410. Consult the instruction before installation and use of this appliance.	
Model	6PM	PIN code	0694BS0965
Version	PIEZO	Country of destination	GB
Gas category	II 2H3P	Year of production	2012
		0694	
Before making any operation, turn off GAS and disconnect the POWER			
HEATER CATEGORY	: A1	Gas type	G20
Tension	- Volt	Nominal heat input Hs MAX / MIN	9.6 / - kW
Frequency	- Hz	Nominal heat input Hi MAX / MIN	8.6 / - kW
Absorbed power	- Watt	Gas consumption MAX / MIN	0.91 / - m3/h
Protection rate	-	MAX feeding pressure	100.0 mbar
Nozzle diameter	2.45 mm	Supply pressure	14.0 mbar
NOx category	4	Nozzle pressure MAX / MIN	16.0 / - mbar
DO NOT USE IN DOMESTIC AMBIENT			

Plate label (example: appliance 6PM, G20 gas)

Essential features of the appliances are given on the packing label, placed outside, on the box packaging (only for models PM).

dal 1952 bruciatori & calore radiante		0694	
www.siabs.com - +39_02_90384081			
Gas category	II 2H3P	GAS TYPE G20 - 20 mbar	
Country of destination	United Kingdom		
Radiant heater : 6PM			
Version :			
Note :			
		This appliance must be installed in accordance with the rules in force. It shall be used in a space ventilated in accordance with the requirements of EN 13410. Consult the instruction before installation and use of this appliance.	



TECHNICAL DATA DM

Appliance model		4PM	6PM	8PM
Ceramic plates	nr.	4	6	8
Electric feeding		NO	NO	NO
MAX feeding pressure	(mbar)	100,0		
Gas connection		1 x 3/8"	1 x 3/8"	1 x 3/8"
Absorbed power	(Watt)	NO	NO	NO
NOx class		4	4	4
Dimensions				
Weight	(kg)	13	16	19
Length	(mm)	420	605	790
Gas group	(mm)	150	150	150
Width	(mm)	465	465	465
Height	(mm)	350	350	350
GAS G20				
Heat input MAX (Hs)	(kW)	7,2	9,6	16,1
Heat input MAX (Hi)	(kW)	6,5	8,6	14,5
GAS supply pressure	(mbar)	20,0	20,0	20,0
NOZZLE pressure MAX	(mbar)	15,5	14,0	14,0
Gas consumption MAX	(Sm ³ /h)	0,69	0,91	1,53
Nozzle diameter	(mm)	2,10	2,45	3,10
GAS G30				
Heat input MAX (Hs)	(kW)	7,0	9,3	13,5
Heat input MAX (Hi)	(kW)	6,5	8,6	12,5
GAS supply pressure	(mbar)	30,0	30,0	30,0
NOZZLE pressure MAX	(mbar)	28,2	28,0	28,0
Gas consumption MAX	(kg/h)	0,51	0,68	0,99
Nozzle diameter	(mm)	1,30	1,50	1,80
GAS G31				
Heat input MAX (Hs)	(kW)	7,0	9,3	13,5
Heat input MAX (Hi)	(kW)	6,5	8,6	12,5
GAS supply pressure	(mbar)	37,0	37,0	37,0
NOZZLE pressure MAX	(mbar)	36,2	35,7	35,7
Gas consumption MAX	(kg/h)	0,50	0,67	0,97
Nozzle diameter	(mm)	1,30	1,50	1,80

IMPORTANT: "GAS supply pressure", defined as the dynamic pressure of the circuit, or part of the circuit downstream of the pressure reducer, with all the appliances running, and must be detected in this condition. With lower pressure difficulties in start-up may occur.



M-RAD

Appliance model		ST 6 /08	ST 8 /08
Ceramic plates	nr.	6	8
Electric feeding		NO	NO
MAX feeding pressure	(mbar)	100.0	
Gas connection		1 x 3/8"	1 x 3/8"
Absorbed power	(Watt)	NO	NO
NOx class		4	4
Weight			
	(kg)	22	24
Length			
	(mm)	370	370
Length + handles			
	(mm)	580	580
Width			
	(mm)	550	550
Height			
	(mm)	1250	1250
GAS G20			
Heat input MAX (Hs)	(kW)	9,6	16,1
Heat input MAX (Hi)	(kW)	8,6	14,5
GAS supply pressure	(mbar)	20,0	20,0
NOZZLE pressure MAX	(mbar)	14,0	14,0
Gas consumption MAX	(Sm ³ /h)	0,91	1,53
Nozzle diameter	(mm)	2,45	3,10
GAS G30			
Heat input MAX (Hs)	(kW)	9,3	13,5
Heat input MAX (Hi)	(kW)	8,6	12,5
GAS supply pressure	(mbar)	30,0	30,0
NOZZLE pressure MAX	(mbar)	28,0	28,0
Gas consumption MAX	(kg/h)	0,68	0,99
Nozzle diameter	(mm)	1,50	1,80
GAS G31			
Heat input MAX (Hs)	(kW)	9,3	13,5
Heat input MAX (Hi)	(kW)	8,6	12,5
GAS supply pressure	(mbar)	37,0	37,0
NOZZLE pressure MAX	(mbar)	35,7	35,7
Gas consumption MAX	(kg/h)	0,67	0,97
Nozzle diameter	(mm)	1,50	1,80

IMPORTANT: "GAS supply pressure", defined as the dynamic pressure of the circuit, or part of the circuit downstream of the pressure reducer, with all the appliances running, and must be detected in this condition. With lower pressure difficulties in start-up may occur.

INSTALLATION

Ventilation of the ambient



Appliances must be installed in well-ventilated and manned ambient, in compliance with current legislation

The appliance leaves the combustion products into the environment in which it is used (equipment type A1). It is therefore necessary to **ensure ventilation and air changes of the premises in which the appliance is installed**, realizing appropriate air outlet openings on the perimeter walls of the same, or creating a system of mechanical ventilation. To ensure a sufficient air change, the flow of air needed can be calculated using the following equation (UNI EN 13410):

$$V_{\text{tot}} = \Sigma Q_{\text{nb}} \times L$$

- V_{tot} air change flow rate in m³/h
- ΣQ_{nb} total heating power installed in the premises in kW
- L air change coefficient (must be ≥ 10 m³/h / kW)

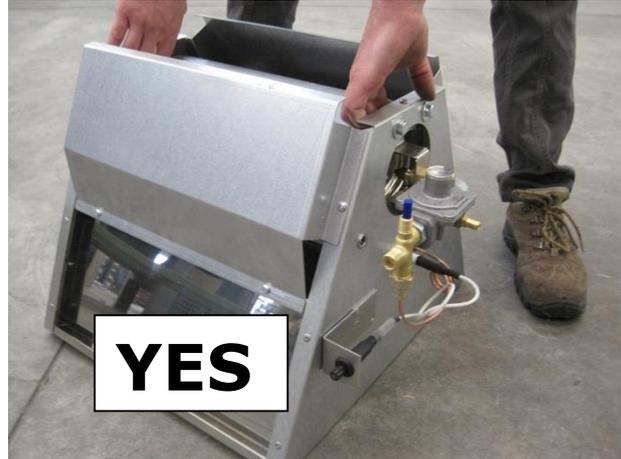
IMPORTANT: air change coefficient “L” to be used **MUST NOT** be lower than 10 m³/h for each kW of installed power

For **NO reason** the appliance(s) can be installed:

- in rooms smaller than 12 m³
- in ambient used as residential ambient
- where wind speed is higher than 2 m/s

Handling

During extraction of the appliances from package and for all operations of handling till final place of installation, gas group or pressure stabiliser must **NOT** be used as lifting points, as in the picture below.



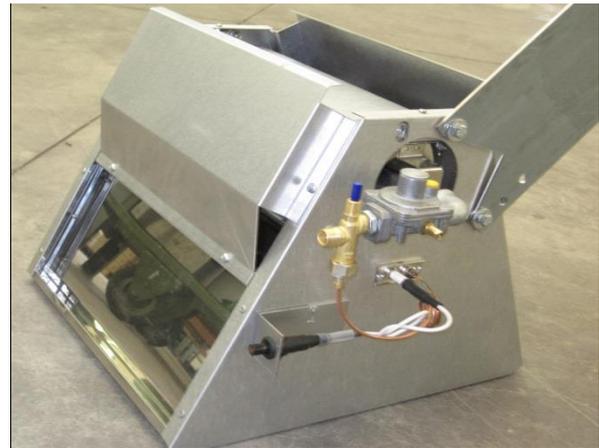
Appliances must be taken at the installation point / height inside its package or using M8 inserts: **all other parts of the appliances are NOT designed to withstand its weight.**

DM - installation

The appliances can be installed on walls / pillars, or hanging at ceiling. On request, we can provide **supports** (S hooks and chains are excluded) for suspension at ceiling (picture 1), or **wall brackets** to fix the heaters on the wall (picture 2) with **different angled positions for the heater**. The following figures will show you how to install all types of heaters.



Picture 1 – appliance DM, with chain



Picture 2 – appliance DM, with brackets

Brackets provided by SIABS allow an angle of installation variable once mounted on a wall or pillar, in order to get a better heat distribution.

IMPORTANT!

- at each side of the burner 2 hooks are provided with M8 inserts, for fixing to a wall or at ceiling by means of appropriate brackets (not supplied, available on request); **do not create other anchor points on the carpentry of the heater and in particular on the body burner, but use only those designed by the factory**
- **we recommend SIABS original brackets** for installation of the radiant heaters
- for fixing brackets on a wall or pillars **assess the consistency of walls and the load applied, in order to choose the correct anchors to be used**; in any case provide blocks with M8 screw minimum diameter (e.g. anchor Fischer TA - M in steel, with M8 screw)

IMPORTANT: appliances must be installed **in horizontal position**, contact us in case of different inclination. In any case, the system of fixing / suspension must allow thermal expansion of appliance (some millimetres depending on the model).

MINIMUM HEIGHT OF INSTALLATION / DISTANCE (FOR PEOPLE COMFORT)

“MINIMUM height” means the minimum height at which the equipment should be installed so that people who are in radiated zone, **are not subject to excessive heat.**

MODEL	MINIMUM height (mt)
4PM	2,5
6PM	3,5
8PM	4,0

Quotes relate to equipment **installed in horizontal position** for appliances with angled position (15 ÷ 60 °); the minimum height can be reduced roughly between a 5 % (15 ° angle) and a 20% (60 ° angle).

Quotes relate to installation with **ambient temperature of 10 ÷ 12 °C**; in case of ambient with higher or lower temperatures the minimum height of installation must be reviewed; consider a reduction of 5 % (for temperatures lower of approx. 5 °C) or increase of 5 % (for temperatures higher of approx. 5 °C).

Above MINIMUM **heights of installation are indicative**, consult us each case to select the most advisable appliance and the best height of installation (in particular for limit values), and for doubts about MAXIMUM height of installation.

For the portable appliance M-RAD, “MINIMUM distance” means the minimum distance at which the equipment should be installed so that people who are in radiated zone, **are not subject to excessive heat.**

MODEL	MINIMUM distance (mt)
ST 6 /08, ST 8 /08	3,0

MINIMUM DISTANCES FROM FLAMMABLE SURFACES

IMPORTANT: flammable materials inside the radiation could begin to burn and cause fires.



SURFACES CLOSE to APPLIANCES MUST BE DONE IN MATERIAL of CLASS 'A0' with respect TO FIRE RESPONSE (NOT COMBUSTIBLE and NOT FLAMMABLE) and with DEGREE of RESISTANCE TO FIRE EQUAL or MORE THAN "REI 90"

Minimum distances of installation must be respected between the heating surface of the appliance and the adjacent walls, **inside the area of radiation and outside**, if they are not protected against radiation or are flammable materials; in case below minimum distances can not be met, consider to mount screens for the heat.

The MINIMUM distances are as follows:

MODEL	MINIMUM distance (mt) between heater and ...			
	ceiling	floor	front	sides
4PM	1.0	2.0	1.0	1.0
6PM	1.0	2.5	1.0	1.0
8PM	1.5	3.0	1.5	1.5
M-RAD 6 /08	1.0	-	2.0	1.0
M-RAD 8 /08	1.5	-	2.0	1.5

NOTE – contact us in case of different quotes or special cases

CONNECTION TO GAS SUPPLY (FOR APPLIANCES TO BE FED BY NATURAL GAS)

IMPORTANT: hydraulic connection of the appliance to the gas distribution net must be made according to information given in this technical book exclusively by professionally qualified staff.

The appliances are provided according to the type of gas chosen, and then before making the connection to the power network of gas, **make sure that the gas used and pressure of gas circuit correspond to what is shown on the data plate label** of the unit. **Before connection to the gas pipeline, make sure that the pipes are properly cleaned and produced in accordance with regulations in force in the country of installation.**

NOTICE: provide a **fuel interception tap** in the vicinity of the appliance, and with easily accessible position; make the **connection between the heater and the gas network using an approved steel flexible pipe.**

IMPORTANT: "**GAS supply pressure**", defined as the **dynamic pressure of the circuit**, or part of the circuit downstream of the pressure reducer, **with all the appliances running**, and must be detected in this condition. **With lower pressure difficulties in start-up may occur.**

Once the connection is made, **in compliance with the rules in force in the country of installation**, **a)** verify the sealing of hydraulic pipes and gas connection to the unit, **b)** check that the pressure is correct, **c)** make sure that the apparatus works in the conditions for which it was prepared.

Gas connection is 3/8". Appliances model **PM**, and **ST** are equipped with valve tap and **pressure stabilizer for a maximum inlet pressure of 50 mbar**, and pressure intake at the nozzle.

IMPORTANT: all appliances are **supplied already tested and set** to the properly operating pressure; **DO NOT remove seal on the pressure regulator (R): expiring of guarantee!**

IMPORTANT: for appliances to be fed by natural gas, you must supply a system to adjust the feeding pressure; for proper size, refer to technical data in the tables at pages 6, 7 and 8.



Feeding gas pipeline **must be kept at a distance of at least 1 m from the zone of discharge of the combustion products** and **must not be exposed to direct irradiation of appliances**

RUNNING

Put in operation and First start-up

When you first start the appliance is important to **make some preliminary checks** to ensure proper operation of the unit. The operations listed below are considered essential for its safe working:

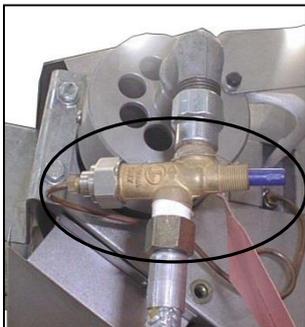
- make sure there are no losses in the gas line (natural gas) or flexible pipe (LPG) and that is properly sized
- **check that the pressure and type of gas used comply with the data on the plate of the characteristics of the heater**
- make sure the mechanical installation (supports) of the appliance have been properly carried out and that the connections bolts are tight
- use only steel materials, since heat is transferred from heaters to supports

N.B. – *At very first ignition, and any following change of gas cylinder, you may face difficulties in start-up due to the presence of air in the flexible hose: make few attempts*

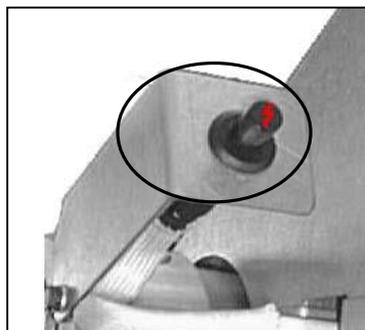
Start-up / Switch-off of the appliance

The start-up sequence of the appliance is as follows:

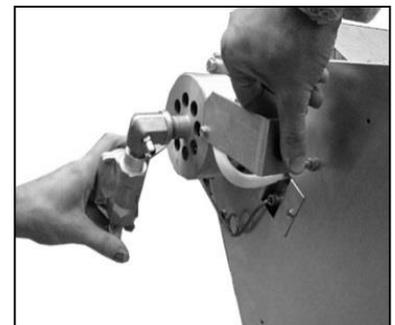
- open the tap on the gas cylinder
- press the blue button of gas valve, mounted on the appliance (picture 1)
- **after 15 – 20 seconds**, push few times the button of the piezo starter until ignition occurred (picture 2), keep pressing the blue bottom of gas valve (picture 3)
- hold the button of the valve about 20 sec. or until the activation of electromagnetic part of the thermocouple, then leave it
- to switch-off the appliance close the gas feeding to the heater (tap of the gas cylinder in case of LPG version)



Picture 1



Picture 2



Picture 3

MAINTENANCE

Ordinary maintenance

An appropriate use of the appliances, plus their proper and regular maintenance are essential to ensure better performance and longer working life.



Before making any routine maintenance, make sure that gas supply has been excluded and that the apparatus is cold. For all routine and / or extraordinary maintenance, contact only professionally qualified staff, or rather a Technical Assistance Centre authorized by SIABS

At least once a year before the season of use, it is strongly advisable to perform an intervention for control / inspection and cleaning:

- visual inspection of radiant surface (if any cracked ceramic plate)
- cleaning of radiant surface with compressed air at LOW PRESSURE from inside
- nozzle cleaning
- electrodes cleaning, correct position and efficiency sparking
- check of keeping all the electrical connections (wirings)
- search for possible losses on the gas circuit (natural gas version) and gas valve
- check of gas pressure at nozzle
- overall control of all components of the appliance
- control of openings and ventilation systems (natural and/or mechanical)
- control of alarm signals, if any

If the equipment is installed in **dusty environments** is advisable to clean more frequently the burners blowing compressed air at low pressure, working from holes in the flange / venturi pipe. In case the appliance is running, shut it down and wait, before you blow, that it is cool.

Nozzle replacement

In case you need to change the type of gas for which the appliance was prepared, you should contact SIABS to get the specific transformation kit, specifying the model of appliance, serial number and the new gas. The operations must be performed by qualified personnel and in compliance with the regulations.

IMPORTANT: If you change the **nozzle** to move to a different type of gas (f.e.: from LPG G30 to G20 natural gas) it is **COMPULSORY to change the PRESSURE STABILIZER and the plate label with technical data**, placing a new label with the new data, **repeat checks listed at page 20** "Put in operation and First start-up", afterwards put seal again after operation.

- use a CH13 spanner to unscrew and take out the gas nozzle
- screw properly new gas nozzle



N.B. – appliances running with G31 / G30 gases

- some models require a special plate to be mounted on flange (reduction of air intake)
- dismantle the plate (if mounted) in case of change from G31 / G30 gas to G20 gas
- mount the plate (if supplied) in case of change from G20 gas to G31 / G30 gas

Trouble shooting

TROUBLE	POSSIBLE CAUSE	SOLUTION
A The heater turns on partially	A1 Insufficient gas flow A2 Inlet gas pressure of burner is too low A3 Dirty nozzle	A1 Check that gas supply has sufficient flow rate compared to gas consumption of the heater A2 Check that the gas pressure corresponds to that shown on the plate label A3 Clean nozzle with compressed air (NO mechanical device)
B During start-up, the burner switches-off after leaving the bottom of gas valve	B1 Thermocouple still cold B2 Thermocouple broken B3 Inlet gas pressure of burner is too low	B1 Repeat operation, and push longer the bottom B2 Replace the thermocouple B3 Check that the gas pressure corresponds to that shown on the plate label
C The burner doesn't start	C1 Air in the gas pipe C2 No gas coming C3 Faulty gas valve	C1 Repeat the start-up cycle more times C2 Check all intercepting devices on gas supply line C3 Replace the gas valve
D The burner does flash-back	D1 Inlet gas pressure of burner is too high D2 Burner or ceramic plates are dirty D3 Ceramic plates are cracked	D1 Check that the gas pressure corresponds to that shown on the plate label D2 After burner is cold, blow air at low pressure on the ceramic plates surface, from inside D3 Replace the ceramic plates
E Start-up electrode doesn't spark	E1 Electrode doesn't spark due to uncorrect distance between its tip and earth E2 Piezo starter and/or its wire are faulty	E1 Adjust distance (closer or further) between tip of ignition electrode and mass : it should be 3 ÷ 4 mm E2 Replace piezo starter and/or its wire

Serial number (bars code)

It is advisable to communicate us the **serial number** of the appliance (label with bars code) for all operation of regular or extraordinary maintenance, and for orders of spare-parts.



On the burner



Outside, on packing box (appliances PM and MD)

Suggested SPARE-PARTS list

Description	Code	Quantity
. ceramic plates	2.011101145	_____
. insulating mat (white fibre)	2.000.02	_____
. glue for ceramic plates (sodium silicate)	2.000.01	_____
. kit for gas conversion = nozzle + plate label (technical data)	_____	_____
. nozzle	2.000.05	_____
. 3/8" SIT gas valve M1C	2.0.400.007	_____
. piezo starter with wiring SIABS:A 1*0,75	2.PZ10026	_____
. thermocouple	2.0.290.003	_____
. 3/8" pressure stabilizer	1702000021	_____
. start-up device (electrodes set)	2.08213411	_____

N.B. – specify heater model and gas type when ordering spare-parts

DECOMMISSIONING AND DISPOSAL

INFORMATION TO USERS "Implementation of Directives 2002/95/EC, 2002/96/EC and 2003/108/EC, relating to the use of hazardous substances in electrical and electronic equipment, as well as waste disposal"

The product at the end of its useful life **must be separated from other waste**. You should therefore **give the equipment at end of its working life to appropriate separate collection centres of electric and electronic waste**, or return it to the dealer when purchasing a new device to be equivalent in terms of one to one.

The proper differentiated collection to deliver the decommissioned apparatus to recycling, treatment and environmentally compatible disposal, helps to avoid possible negative effects on environmental and health, and promote the recycling of materials making up the equipment.

Illegal disposal of the product by the holder imply the application of administrative penalties according to law.



N.B. – Do not dispose of the product in mixed waste

CE certificate



CERTIFICATE

Number	KIP-15966/G Rev.1	Scope	Regulation (EU) 2016/426
Issue date	30-01-2019	Module	B
Expire date	27-09-2028		
PIN	0476CT2372	Report	2002372
Replaces	—	Page	1 of 2

EU TYPE-EXAMINATION CERTIFICATE

Kiwa Cermet Italia declares that the products type:

Non-domestic overhead luminous radiant heaters

Trade mark: **SIABS**

Models: *as specified in the Annex 1*

Placed on the market by **SIABS S.r.l.**

Viale del Lavoro 7, 20010 Casorezzo (MI)
Italy

meet the essential requirements as described in the
Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.

Appliance type: A₁

Countries: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR,
HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO,
SE, SI, SK, TR

Related to the following gas groups:

Group	mbar	Group	mbar	Group	mbar
E	20	L	25	P	30; 37; 50
E+	20/25	LL	20	B	30; 50
H	20;25	3+	29-30/37	B/P	30; 50

The above gas groups can be combined according to the standard EN437:2009 and national situation of countries.

The assessment test have been performed using the following standards as guidelines:

EN 419-1:2009

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl

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40057 Granarolo dell'Emilia (BO)

Unità locale
Via Treviso 32/34
31020 San Vendemiano (TV)
Tel +39 0438 411755
Fax +39 0438 22428

E-mail: info@kiwa-cermet.it
www.kiwa.it
www.kiwa-cermet.it

GASTEC

The validity of this certificate can be verified on request at the following e-mail address: info@kiwa.it

This certificate will expire if there have been any changes to the product that may have an impact on compliance with the requirements of the Directive. This certificate will expire if there have been any updates and / or changes to the Technical Standards applicable unless specifically approved by Kiwa Cermet Italia.

Chief Operating Officer

Giampiero Belcredi

Firmato digitalmente da: BELCREDI GIAMPIERO
Data: 18/02/2019 11:13:47



PRD N° 069B

Organismo Notificato n. 0476

Rev.0



CERTIFICATE

Number	KIP-15966/G Rev.1	Scope	Regulation (EU) 2016/426
Issue date	30-01-2019	Module	B
Expire date	27-09-2028		
PIN	0476CT2372	Report	2002372
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EU TYPE-EXAMINATION CERTIFICATE

ANNEX 1

Models:

4P, 4PM, M4D/08, UFO EB/08, 4PB, 6P, 6PM, M6D/08, ST6/08, 6PB, 8P, ST8/08, 8PB, 10P, 10PB, 10+10P, 10+10PB, 12PR, 12PRB, 12P, 12PB, 12+12P, 12+12PB, 16P, 16PB, 16+16P, 16+16PB

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta all'attività di
direzione e coordinamento di Kiwa Italia

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Continuous development to improve the product could cause changes of above without notice.