

Operating and installation instructions

HABITAT 2

23E (open égéster U)

24SE (closed égéster U)

type gas appliances

Paper machine



ATTENTION!

(HABITAT 2 24 SE)

ACE Ű whom HE GY Ű R Ű ACCURATE TO CAREFULLY READ THE INSTALLATION "INSTALLATION INSTRUCTIONS" TITLE Ű Chapter FLUES addicts HE INSTRUCTIONS FOR THE SYSTEM.

IMPORTANT!

GAS EQUIPMENT INSTALLATION OF JUST staff may

TIK!

The Setup and APPLIANCE WARRANTY OF GAUGE FOR ENFORCEMENT OF HERMANN The dealer qualified service shop! B HE For more INFORMATION A WARRANTY BOOKLET AND GAS EQUIPMENT MACHINE's Guide for this. CURRENT LIST OF SERVICE The "WARRANTY BOOKLET" ROLE EL.

RAPID APPLICATION PROCEDURE

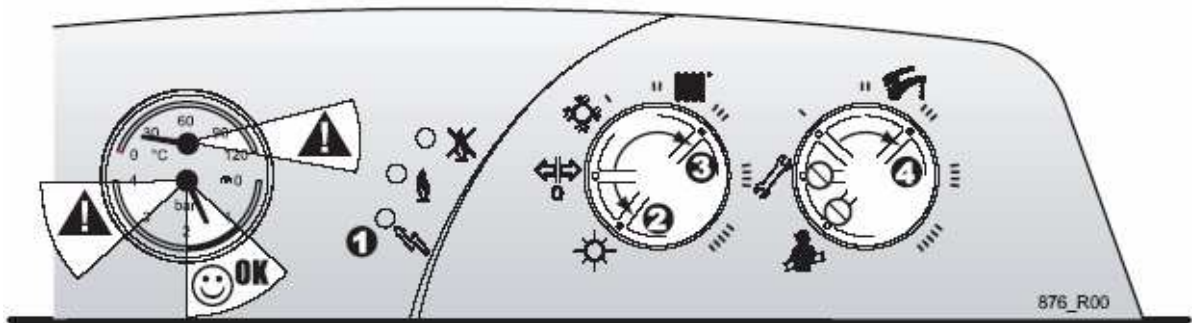
Welcome!

Deliberately our "Operating and Installation instructions" title "Machine start this chapter of our book is that You are very fast operating your product. This quick guide

assumes that the boiler is beyond the "first He start-up", which qualified technician performed and am "Conditions of operation are fully guaranteed", As the ODD system He compliance He pressure, hydraulic connections and gázösszekötéstétést means.

- 1.) away He repeatedly turn the switch to the left energize the switch device, switch is usually near the boiler Lev

0 - \leftrightarrow basic situation and the external He electronic which provides electrical power to the boiler. This He in the wall. The green LED next to this symbol flashes.



- 2.) In summer and / or if you do not want to turn Indications (Summer mode - only DHW p

af " loss, turn the left button ozíció). The green light is on all the time.



- 3) In winter and / or when you want to turn af

" loss, the left button to turn the alarm



post position. (Winter mode) -t He I ending the system determines the grade h He temper. Set to get started. The "user information" address "Section advice find af " destination system to control the climate and other factors depending on the reason to improve their comfort. The green light comes on and is lit constantly.

- 4) Domestic hot water h

He It can control the temperature of the right side

i button

-t scale He I -turning up. away He repeatedly to adjust. The "user information" address You find the most appropriate He bb Vizhn He advice on setting temperature.

" chapter

- 5) Now I m " code He It will be able to turn off the boiler and automatically am

int h He temperature is want.

- 6) Do not forget to glance in the "Warnings"

and address the "User instructions"

chapters, where not only your safety aspects It is some very important information, but detailed information about the boiler vezérlésér He I, the jelzésekr He I, and also about how you can (To solve He most without costs) incurred in the He once " bb problems.

"

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Messages which can be found in the manual:



DANGER: Follow these signals He warnings indicated must be mechanical (eg. To avoid injury.

wound, bruise) and other general



DANGER: Follow these signals He warnings indicated must be electrical origin order.

t meditation (eg. electric shock), damage



DANGER: Follow these signals He warnings indicated must be h to

He impact of origin meditation (eg. avoid scalding) injury



Attention m: following this signal He Keep warnings indicated on the device, or Other objects abnormal m Ű operation of and / or in order to prevent damage n.

MEET HE DECLARATION OF Hermann gas devices are CE approved. TURKISH F Ű tésztchnika Ltd. as the Hungarian HERMANN

the exclusive import of gas appliances He to declare that the above boiler types and eat a whole portion thereof scored in the issued and certified by GASTEC 0694 CE (PIN 0694BP03 60 2 ** classification HABITAT 23E, 24SE HABITAT 2 classification ***) certificate number min He all types of samples.

INTRODUCTION

operating instructions for the product to produce an essential part of the wedge, so all
gázkészülékhez comes with an instruction manual.



**Carefully read the manual and learn
For information about servicing.**

safe installation, operation and

- HE Check out the manual because the knife He bb may be needed.
- Only qualified personnel with the installation of manufactured O instructions and the version of the apparatus
According to the requirements for.
- Qualified personnel who are specialized in m Ű Technical expertise is a household f Ű t He-, and hot water
away He adjusting art devices, the 84/1990. (IV. 27 .) MT, 27/2000. (VIII. 29) of the Ministry Decree
26/2000, as amended. (VII. 28) GM, 5/1997. (III. 5th) IKIM regulations, laws on He According to specifications.
- The users are ONLY am Ű you can do it, that the "USER
INSTRUCTIONS "title Ű section can be found.
- The manufacturer can not be any contract He dessertu, no contract He Des meet outside He poor accuracy beszerelésb He I do not
compliance He use or the applicable laws and the manufacturer's instructions for non-compliance
damages caused.

**Important: this gas boiler for atmospheric pressure
f Ű t He system and / or domestic hot water system in the**

**rásponrt under hot water to He It is intended to manufacture; the
their m Ű Specifications He i and Performance**

Based must be connected.

- Packaging material (cardboard, nails, m Ű material bags, etc.) of children He I Keep away because
They pose a potential threat alone.
- cleaning, maintenance, or repair of the unit away He Always unplug before af Ű t He system and / or
mediator of ensuring electrical separation gas appliance b equipment.
- If the equipment fails and / or operated incorrectly . Unplug the appliance immediately and do not
try to repair it yourself.

The gas appliance installation, servicing, repairs

It was against He only the preservation and maintenance

**Turkish F Ű by téstechnika LTD. Contract He He was authorized and trained service performed
using only original parts. The f
secure m Ű It should not jeopardize the functioning of.**

You can do,

entieket strictly adhere to the device

- If the appliance must be beyond any doubt Re postponed the network, all potential
It must be disarmed machine for carrying threat .
- If you move or sell the equipment and dismount ik gas appliance, be sure to
against He Make sure that the manual stone near the boiler easily access He left in place
new machine owner / installs He For je.
- The device should only be used for the intended purposes i. All other uses and non-hazardous
its intended Ű consumption min He considered.
- The device unintended Ű The use is strictly prohibited.
- The device should only be mounted on a wall.

M Ű SPECIFICATIONS

M Ű Specifications	me	HABITAT 2 23E		HABITAT 2 24 SE	
CE compliance He ness	n *	0694 BP 0360		0694 BO 0360	
Class Model Fuels He		II2HS 3B / P		II2HS 3B / P	
material		B11 / BS		B22-C12-C32-C42- C52-C62-C82	
		G20 G30 / G31 G20 G30 / G31			

Max. H He load (Hi)	kW	25.6	25.6	25.6	25.6
Min. H He load (Hi)	kW	10.0	10.0	10.0	10.0
Up f. Ű t He power (Hi)	kW	23.2	23.2	23.7	23.7
Min. F Ű t He power (Hi)	kW	8.6	8.6	8.6	8.6
NOx class		2	1	2	1
weighted NOx	mg / kWh	158	336	167	201
CO Full Load	ppm	20	48	40	76
CO2 full load	%	4.3	5.4	7.4	8.8

EFFICIENCY

Efficiency at maximum load	%	90.4	93.4
30% Efficiency cent load	%	88.7	90.1

F Ű HEATING

F Ű t He water h He Temperature (min. - max.)	C	35-78	35-78
The volume expansion tank	l	8	8
Expansion tank lev He delivery pressure	bar	1	1
Max. Operating pressure	bar	3	3
Max. Rendszerh He moderation	C	83	83

HOT WATER (DHW)

continuous water is drawn $\Delta T = 25^\circ C$	l / min	13.3	13.6
continuous water is drawn $\Delta T = 30^\circ C$	l / min	11.1	11.3
Min. For tap water	l / min	2	2
Max. DHW pressure	bar	6	6
Min. DHW pressure	bar	0.5	0.5
H He Temperature range (min.-max.)	C	30-55	30-55

ELECTRICAL CHARACTERISTICS HE K

V / F	Volts / Hz	230/50	230/50
Power consumption	W	110	142
protection category		IP X4D	IP X4D

SIZES

Width height depth	mm	29 400x700x300	
Crowd	kg		34.5

CONNECTIONS (S output)

F Ű t He round pressure / return He branch	inch	3/4 "	3/4 "
Domestic hot water inlet / outlet	inch	1/2 "	1/2 "
Gas supply to the device	inch	3/4 "	3/4 "
Gas connection to hook up He To set the gas tap	inch	1/2 "	1/2 "
Smoke leads He opening (D)	mm	130	
Coaxial air supply / flue gas (D)	mm		100/60
length coaxial system (horizontal) min / max	m		0.5-4 1-5 80
Coaxial system length (dependent He optional) min / max	m		2-30 (S max
Divided flue gas / air supply (D)	mm		= 20)
For separated length of min / max	m		

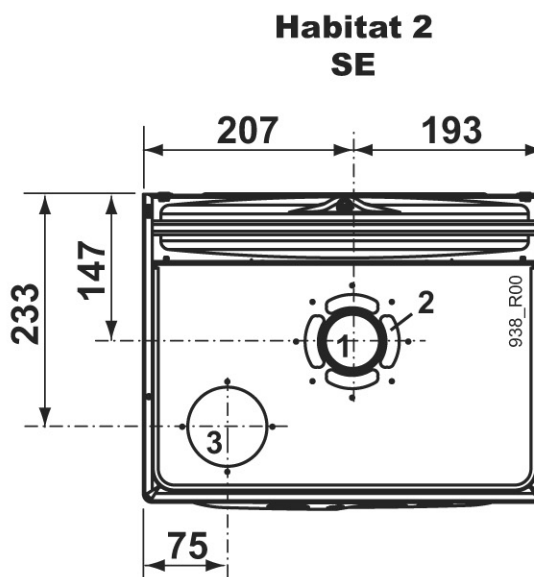
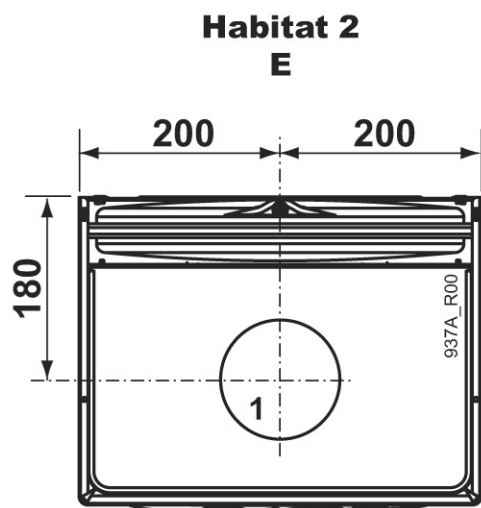
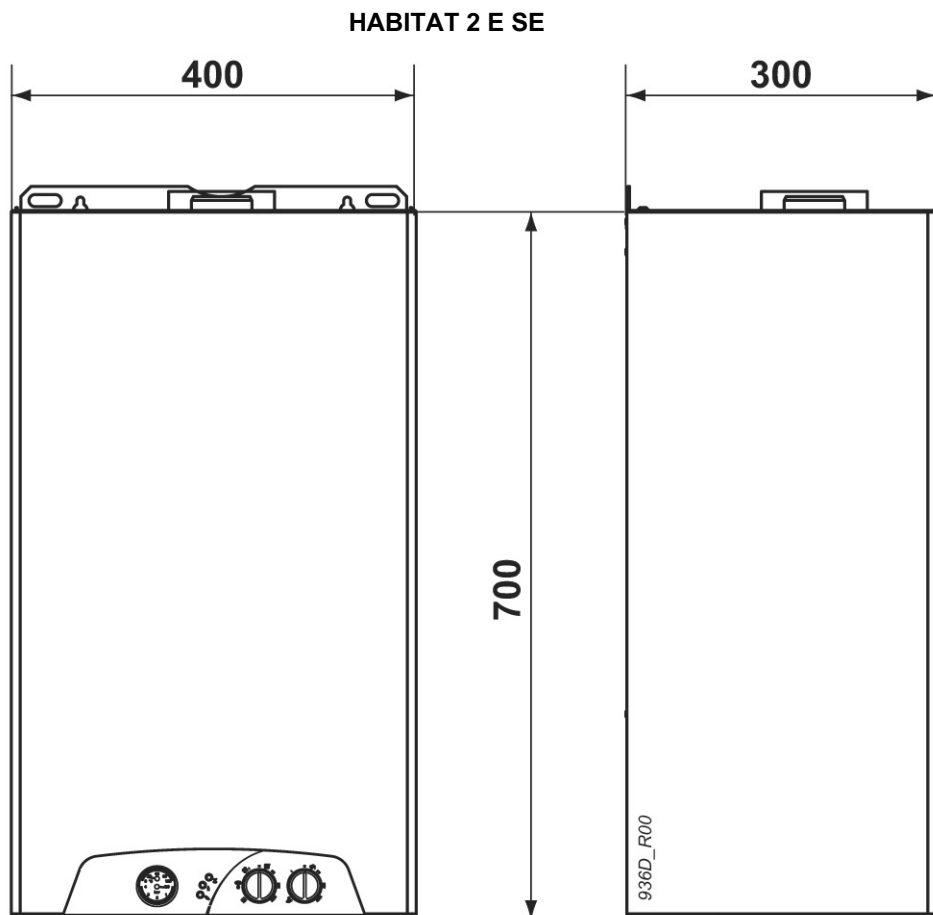
GAS Gas supply pressure

type		G20 G30 / G31 G20 G30 / G31			
Rated gas pressure	mbar	20	29/37	20	29/37
number of nozzles	db	12		12	
gas sky He nozzle diameter He je	1 / 100mm 125		77/77	125	77/77

GAS CONSUMPTION

Qmax	m3 / h	2.71		2.71	
	kg / h		2.01 / 1.98		2.02 / 1.98
Qmin	m3 / h	1.06		1.06	
	kg / h		0.79 / 0.78		0.79 / 0.78

Sizes



1	Flue gas outlet
2	Two coaxial air supply system 3 for separated air
3	Introduction offer

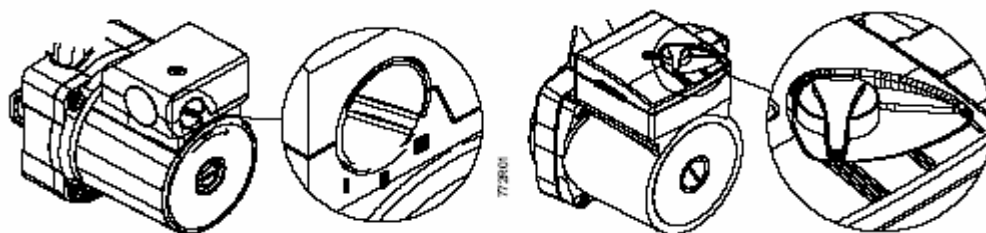
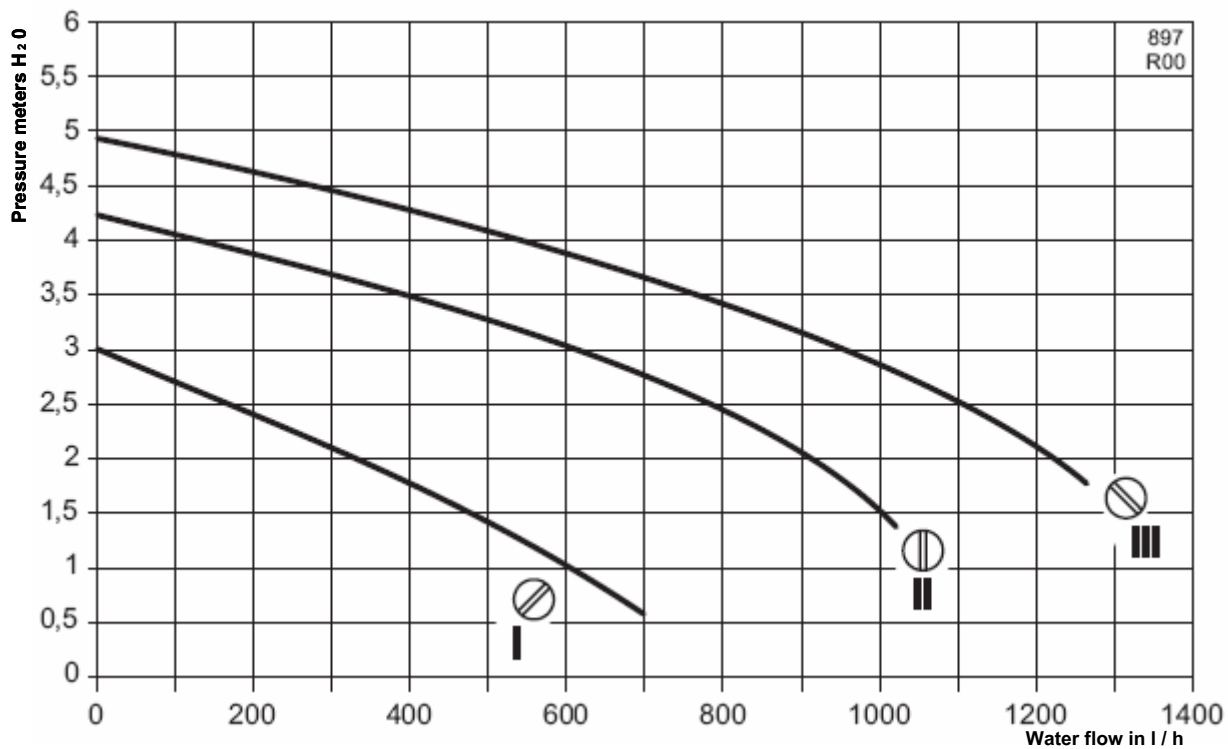
take HE PUMP CAPACITY

HABITAT 2

The speed switch I, II, III position (auto-

kus by-pass, not removable)

897
R00

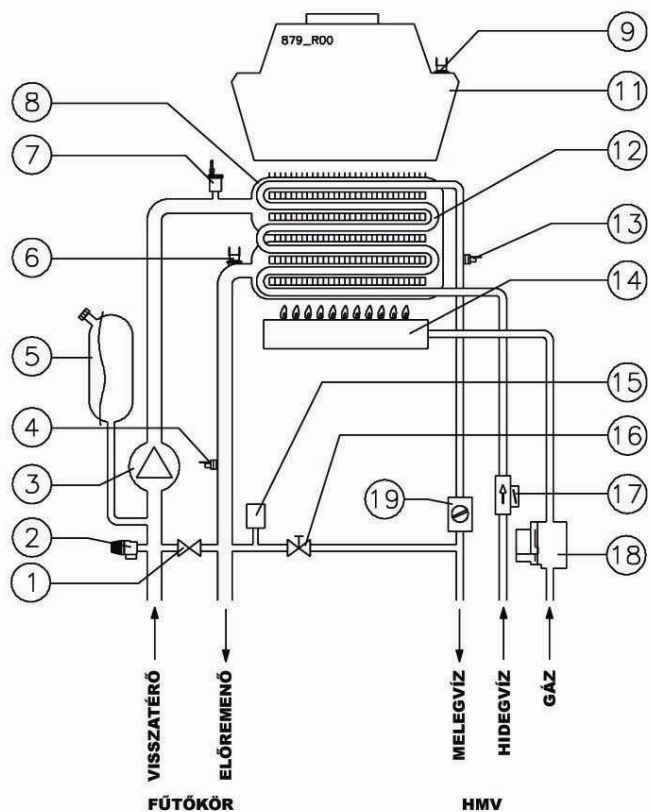


Rationale M Ű OPERATING SCHEME

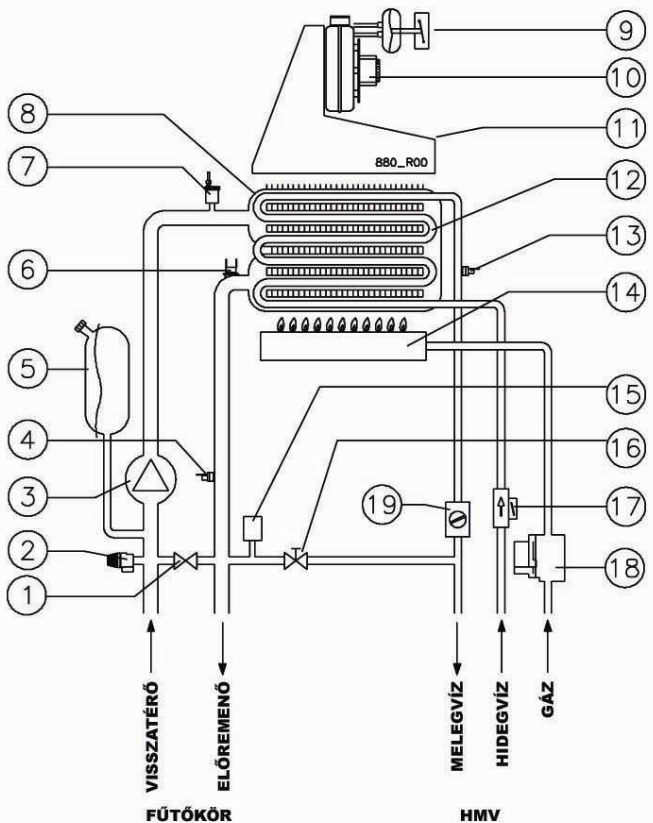
WARNING: This drawing is for information purposes only. The boiler *vízbeöntés* use seihez repair He template or stone not the "Installation Address information "and" Dimensions " Ű part Figures in.

- First By-pass valve
- Second F Ű t He System safety valve 3 bar
- Third Pump
- 4th F Ű h destination He percív
- 5th Expansion tank
- 6th safety thermostat
- 7th automatic air release He
- 8th Bitermikus h He exchange He (f Ű destination page)
- 9th Flue gas thermostat (E-type) Flue gas pressure switch (type SE)
- 10th Fan (type SE)
- 11th Flue gas deflector (E-type)
Füstgázgy Ű jt He chamber (type SE)
- 12th Bitermikus h He exchange He (HMV page)
- 13th Domestic hot water h He percív He
- 14th gas sky He
- 15th Lack of water pressure switch
- 16th tanker He valve
- 17th DHW flow sensors He
- 18th gas valve
- 19th Water quantity regulator

HABITAT 2 "E"



HABITAT 2 "SE"



INSTALLATION INSTRUCTIONS

The installation of gas appliances He repair He safety legislation and for PCBs away He writes:

Always indicates the current He have to rely on statutory provisions which austerly UAN account
It is considered.

- The implements He complies with the 84/1990. (IV. 27.) MT of this Regulation I He written requirements.
- Approval of the Ministry of Economy and Public Administrations You must register trative Office of included in the gas company He It has, in 26/2000. (VII. 28) according to GM.
- The love He relating to qualifications of He 5/1997 the regulations. (III. 5) Spare IKIM prizes.
- The boiler commissioning and warranty period He improving intra manufacturer, or authorized service station proprietor.
- The manufacturer's warranty period Under the contract He For a service center He write other electrical qualification also, for example, m Ű szerész.
- improve gas consumption equipment on camels 11/1982 of productivity. (VIII. 18) Case IPM. Under Regulation of the State Energy and Energi Safety of Technical Supervision Resolution is regulated.



Always use caution when gas appliances et installing or performing maintenance work on it, for example. metallic al ponents serious injury (eg. cut, bruise) cause. The above m Ű when wear protective He gloves Ű t.

The legislation on the installation of gas appliances and a He writes:

Always indicates the current He have to rely on statutory provisions which austerly UAN account
It is considered.

The tasks of the Gas Supply Act 1994 XLI. Act, the 1997 Act, the XX.
3/1995 (I.20.) On. There are, of 1/1977 (IV.6). NIM, an and 11/1982 (VIII.18.) There are regulations and IpM
Annex 2 issued a decree last two "GMBSZ" included.

The gas and oil M Ű Technical Safety Regulations (GMBSZ) and part of the z BS in 7041
Terms defined in the legal definitions and Zerind.

The flue outlet rules of GMBSZ the OTÉK and contain standards.
46/1997. (XII. 29.) KTM construction permission life process. The "C" type flue
According to lead to certification, wrote this book machine It s based on.

The mandatory He chimney sweep He Commercial public service of the Interior 27/1996 . (X.30.) BM Regulation
It has. The industry is required eligibility list He Paper issued by the local representative.
35/1996 (XII. 29.) c. BM. National Regulation T Ű fire protection regulations (OTSZ) release.

The rules relating to electricity MSZ IEC529, MSZ172, MSZ1600 standards
sign in He.

The required statement of duties shock protection and electrician He professional set up.
The gas service history He authors He Based on the utilities is signed Ű The capital contribution payment
It must be verified by check.

Completed installation m Ű **Technical Review:**

The gas supply to the assembled gas installations away He After reviewing notice. for this
during against He It preserves compliance plans He exports, all for a He compliance with regulations, and tightness
m Ű code He It takes endurance test. The gas supplier can charge ethyl-built materials, fittings,
devices meet He certificates of charge as well.

The consumer device subject gas into gas: A m Ű technical
review, the pressure is reduced He and the gas meter He After installing the gas supplier
You can put gas under the gas consumer device.

The boiler commissioning, servicing, jav ITAS against He only the preservation and maintenance
 Turkish F Ü Ltd, authorized by tés technika. Hermann company s zakszervezek trained professionals
 only, only original parts USER Lasa.

breach of these terms and conditions of the safety device split up and stay warranty Ü Neset
 It means.

The above laws and in He Based on writings of services (installation, improves s, maintenance, dispatching)
 Wear cost of the consumer. accredited

Hermann central service center: Ökotech Kft.

8200 Almádi u. 19 Phone: 06-88 / 405-057, Fax : 06-88 / 581-410
 National Dealership: a separate attached "Warranty i Booklet "in the address list is always current
 included.

Positioning the gas appliance

below 35 kW (approx. 30,000 Kcal / h) f Ü t He In case of power in the boiler room to separate out He specified, then the
 for the safe operation of gas appliances rules must be strictly observed.

Two for the same purpose in the same room Lev He, or two, in direct relation Lev He
 ODD room He gas equipment, given that the combined h He their workload was greater than 35kW-h He center
 considered He, so fall under other regulations. more of the same room at Lev He, but different He target (e.
 cooking and fÜ heating) apparatus for h He load can not be added together.

ROOM VENTILATION HE ZTETÉSE (Habitat 2 23 E type, naturally ventilated He ing)



**If you open égéster Ü installing a gas appliance on, the room constant breeze He ztetése essential and
 mandatory He. The spirit He ztetést in force in He must be sized according to scriptures and
 prepared. The GMBSZ, the standard guidelines OTÉK Cause and compliance with regulations He I.**

INSTALLATION spaces where AH HE TEMPERATURE 0 ° C reaching a gas appliance interior equipment is

enabled, air He in lev He meets antibodies He housing
 It must be provided.

Thanks to the antifreeze system He en the internle parts never h Ü lhetnek below 5 ° C. The system
 It comes on when the gas appliance by and they hooked up the gas network, and the f Ü t He equipment
 The working pressure corresponding to the normal values. If the

gas unit is mounted in a room, where ah He temperature below 0 ° C provide
 You must fagyvédelemr He I. The f Ü heating system only tested by Hermann frost fluid load LLO He up
 that the representations He I obtain. B He See more information about how the "Charging System" and "Getting Gas use wedge
 In addition to "title Ü section.



This device is not suitable for external He placement in space!

The boiler's attachment

Mounting the unit in the following happen connector kit (optional), wall Based on measurements indicated. Gooseneck, or individuals One page 13.

He in a manner either love He horizontal axis b meets

He template (see page 12) Ű cs He stand for, or template He cross-section Ű connections. see

Note: The two Habitat assembly, hydraulic and c Habitat types of gas appliances. *satlakozási points, the dimensions are the same and the Micra the*

- Assess the size of the boiler and the installation / space requirements. [C] Form factor: at least 100mm from the left lower equipment section. allowances, bonuses for the maintenance 100mm min on the right and the least 300mm
- If the equipment is done anchors (nail nut Based on the figure. [THE] VAT): Align the holes in the wall or draw in the He If the equipment is made open hooks: the camp oh adjust the position and draw out He the figure Based on. [B]
- The love He given pattern or figure sizes betartásáv al draw up, fix the electrical connections and af Ű t He circle and push returns He wires, cold water, hot water and gas supply points, level, history wall He night hook up pit stops He Sets. ski
- Lift the unit is placed on supports and Secure. [A] and [B]
- Remove am Ű material protects He hats from the device connector openings, miel He Before plugging in the appliance cs He system.

Note: The device facilitates mounting, h bottom aa apparatus lev He It dismantles grid.

- The input and output connection points residence He en (closed égéster Ű types), refer to the "flue gas leads address systems " Ű section, where the dimensions of the boiler top He edge are compared. [D] (See also "Dimensions" section) He



Gas ½ "(Connector kit)



HMV outlet ½ "



Cold water inlet ½ "



F Ű t He Push branch circuit ¾ "



F Ű t He circle returns He branch ¾ "

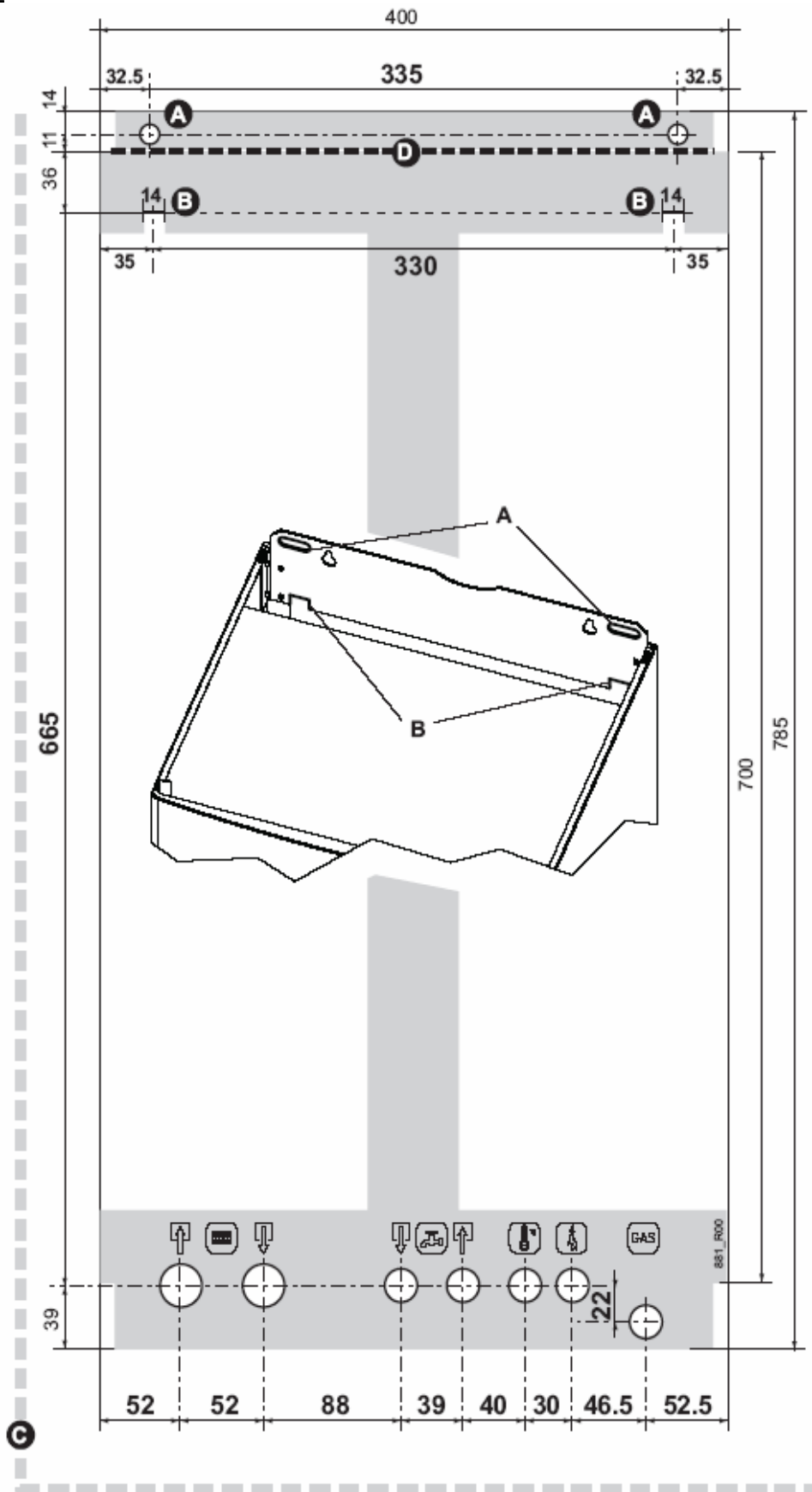


Power supply stand

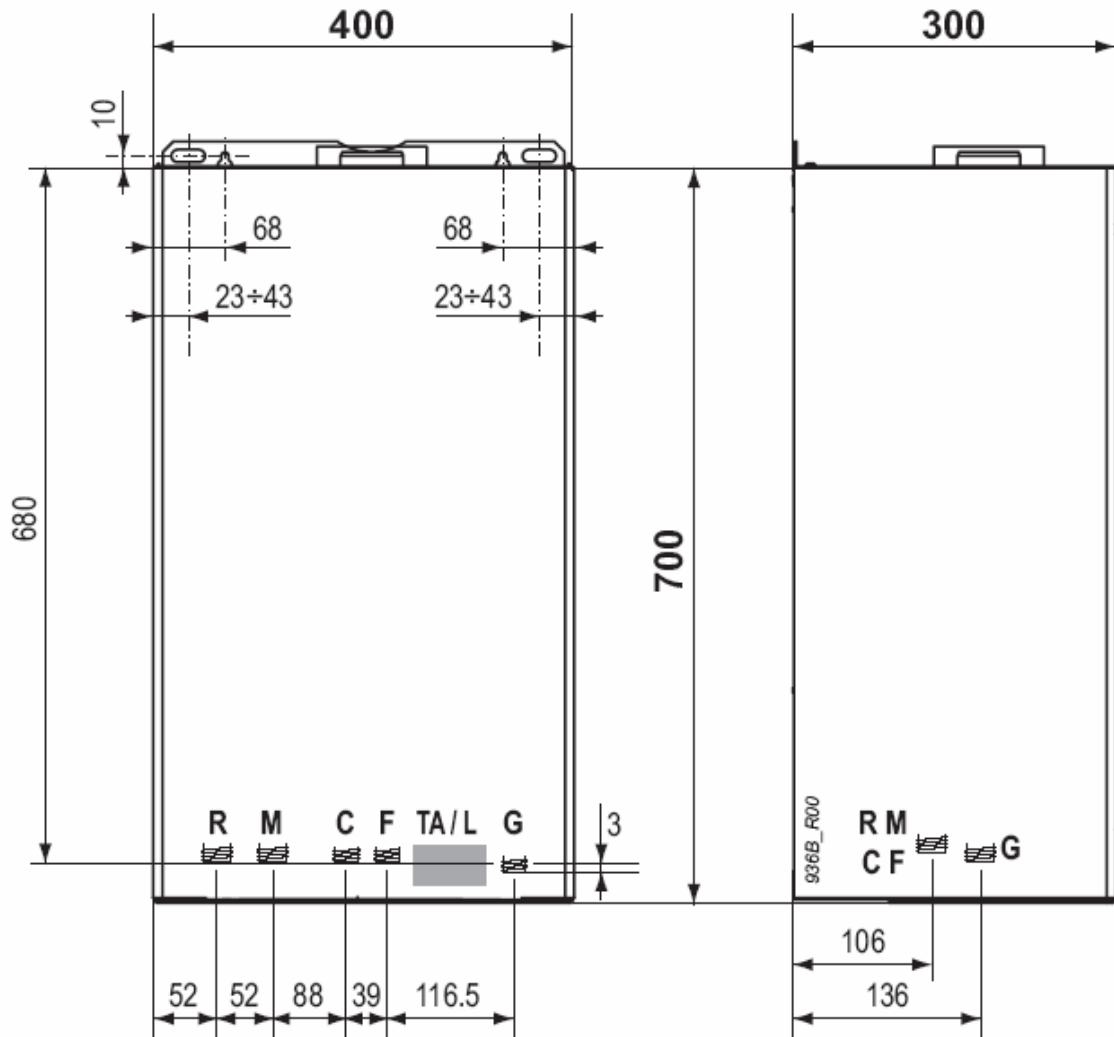


Room thermostat stand

connector sets I:



Without connection set :



DIMENSIONS OF ACCESSION stump

R F Ű destination returns He Section (¼ ")

M F Ű destination on He great He Section (¼ ")

C Hot water output (½ ")

F Cold water inlet (½ ")

BOWL Power supply and sewer

Room thermostat place starting position of the channel

G Gas (¾ ")



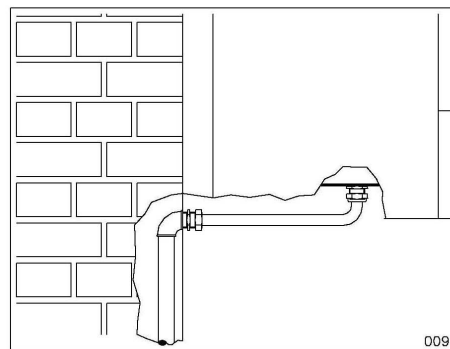
The hydraulic connection points detachable joints
laptömítéssel must be provided with the cross sections No.

kale (eg. a half union) meets He size Ű
Ű kitésekkel not be changed.

Wiring Water System

USEFUL ADVICE FOR WATER, AND F Ú DESTINATION SYSTEMS generated HE AVOID VIBRATIONS AND NOISE Cavitation

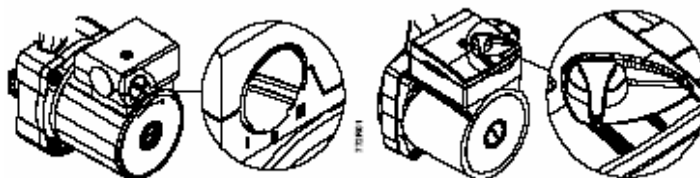
BEKÖTÉSI PÉLDA



- Do not use small diameter He j Ű tubes.
- Do not use a small radius cs He arcs, and not No. Ű the importance Kits sections.
- We recommend air He the installation of separators.
- It is recommended to rinse the system with hot water t, rinse csövekb He l and the radiator from the pollutants He déseket (especially oils and fats), which can damage the heart attyút.
- If not possible, in order to avoid blockages Build your dirt separator.
- Thurs He Choose a network installation of non-metallic wires compensators. PUMP SPEED

t. Use seals,

The pump has a multi-position switch, which reduced He pump speed, at the same time, a very low f Ű heating systems too fast keringésb He l noise from it.



HOT WATER SUPPLY enters the He cold water supply pressure 1 - is between 6,0bar.



Attention m: More pressure in case of reduced pressure

He It must be installed before the device.

The h He exchange He Frequency of cleaning water hardness He Depending. In addition, the remaining water solid sediment or contaminants He DES encryption (eg. new systems) could compromise the gázké Operation meets He m Ű to function.



Attention m: The water min He of He depending He en 14nk Above water treatment equipment must be installed.

meets He Types: "immuno-Cillit" or permanent - or. They tromágnesek with a request in writing to the applicability of imports He rt He l, depending on the model He l.

The water treatment In the absence of incorporation, the hardness of the water force szavezethet He damages answer He the manufacturer assumes no opportunities.



Attention m: Vízközm Ű network history He When connected hor if necessary. This can lead to the

Ű r He installation of all

He responsible for damages He the opportunities can not be held manufacturer.

F Ú T HE SYSTEM

- Against He Make sure that the pressure is reduced He Water pressure is measured after the valve has been exceed m unit Ű Technical data sheets specified maximum.
- Considering that this equipment Ű During operation of the Ű t He lev system He water pressure identified He, against He Ensure that the maximum value does not exceed the m unit Ű Technical data sheets specified maximum (1-1,5bar).
- Connect the safety valve outlet of this device Eng drain He channel. If security the drain valve is not connected to a network, and No is faint open, the room submersible water. The Hermann can not be held responsible He Such CONSEQUENTIAL helyzet He l damage caused.



Against He Make sure the water main Ű t He cs system He lines do not serve any grounding in the electrical system, for this purpose in its mé Intertek inappropriate!

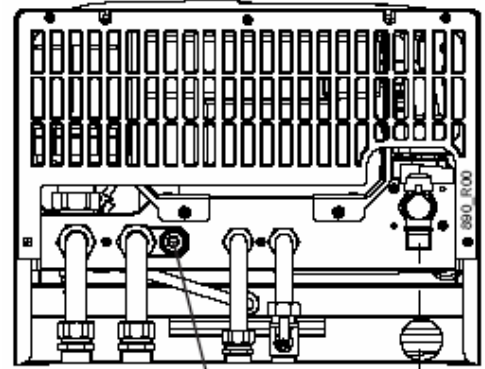
Charging system

If all the connections is connected, the installation process of the following
 He Upload a step system that
 carefully follows, must be in compliance with Executive ni:

- Open the radiators venting He valves.
- Gradually open af Ú t He circle upload He pin and against He Check the automatic air release He Equipment, taps compliance He m Ú to function.
- Close the radiators venting He pins as soon as the water starts flow.
- Against He Ensure that the pressure gauge He at least 1-1,5bar pressure point, and then close the filling and bleed each radiator.

APPLIANCE BOTTOM VIEW

Factory csatakozó kit



F Ú t He After round playHe valve

ol ah He Temperature 0 ° Celsius



Attention m: If the appliance is installed in a room ah reach, it is advisable Ú fagyásgátlóval the system to upload.

gas connection

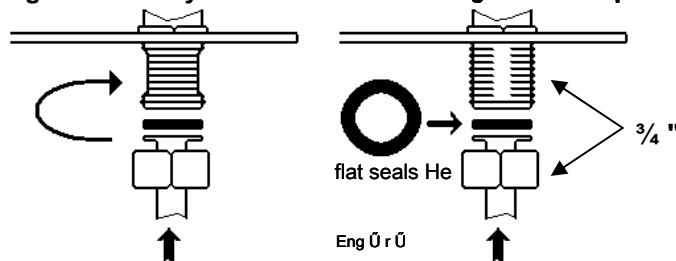
The connection of gas appliances qualified mechanic He performed by the 84/1990. (IV. 27.) MT by Regulation He provided and 5/1997. (III. 5) IKIM under Regulation because clumsy nite improper He installation can cause injuries humans, animals, objects for which the plant lake meet He not assume. (26/2000. (VII.28.) GM Regulation on He enter the gas companyHe s records and photo ID.) Mindi g indicates the current He They have to rely on statutory provisions that are strict an be considered.

Against He Check the following He two:

- a) The gas pipe He- Clean through system, do not miss it inhibit other zelegy, which could jeopardize the device is compliant He m Ú to function. Cleaning and purging is not carried out in the gas through the device.
- b) The pipeline shall be in force jogszabályokna s (DIN EN 10204 and 22/1998. (IV. 17) IKIM and 3/1999. (II. 5) GM agent int).
- c) The pipeline and connections for leaks, gas tightness inside.
- d) The power cord diameter He je deal a gas appliance wiring He greater than or equal.
- e) Gas min He is so be it, it is a gas appliance á llítva; the opposite He case the gas migrate, call (Hermann agent Service Center I He Jet).
- f) Shut-off valve must be installed in front of the boiler. Open am Ú Valve agent and flush the pipes of a system (the All your equipment) remained air He t.

Connection to the gas valve only

He wrote seals He Eng Ú r Ú accomplished using



oblige He a compliance He size Ú and inserting flat material, the void-free seal Device gas outlet pipe from the power of assembl zekötésekor. The flange seal is not compliance He hemp, tow, teflon and the like using



Attention m If you use liquefied gas (LPG), the KE regulator must be installed (50 mbar).

Operation Pressure to reduce He

The boiler hook He kit has individual gas connectivity (optional

and accessories).

electrical connections

The device comes with a power cord and a wire s room thermostat (approx. 1 m).



Attention m: a power supply device and the Room thermostat or at ávszabályzó connecting wires only the beüzemel He Hermann professional service technician to connect gázkészülékhez.



Attention m: the room thermostat low voltage wiring It should not be in, to add tension to the white exterior He controller He not a business outlet.

Electrical specialist tasks (electrician He):

- 230V supply line to disconnect sewer construction O switch, which will be next to the boiler place, then stand (see "Dimensions" and "Gas appliance's attachment" chapters diagrams).
- Building Room thermostat wire (not cs He in) of the gas appliance behind connection location. THE Cable length is suitable for splicing without the gázk észülékbe history He connections. The power cord must push on 230V / 50Hz mains feed, taking into account the LN (L = Voltage under / N = neutral) polarity and the ground connection.
- 6A-inch breaker placement, wiring.
- The two-pole isolating switch position, slip neither.
- EPH building, minutes He book



Over-current protection 6A-inch self-breaker provided tsa. (Nothing else can provide) The two-pole isolator switch per pole Lega be least 3mm distance. THE apparatus to power splitter, an extender power outlet and use is prohibited.

If the power cable needs to be replaced, the following He select lines: MT cable (3x0.75). THE CEI force on the ground bond He It must be connected according to specifications. (MSZ172, BS IEC529)



The only guarantees the safety of electrical equipment guaranteed from when the force lev He Safeguards He taking into account the compliance writings He en it is connected to an efficient grounding system. He

have it checked by a specialist that the electric system er meets can be cast by the boiler, The maximum read performance data sheet, indoors selfish view of the cable cross-sections (MSZ1600).

Note: The company Hermann. It does not take up any away He CONSEQUENTIAL persons, animals or articles formed damage which the gas appliance inadequate He földeléséb He I and the relevant rules Non-compliance stems.

chimney connections

HABITAT 2 23E (natural ventilation

He ing U)

Obey exactly 04-82 BS, BS 7044, the GMSZ

and standards relating to

He regulations. Always indicates the current

which should be considered closely.

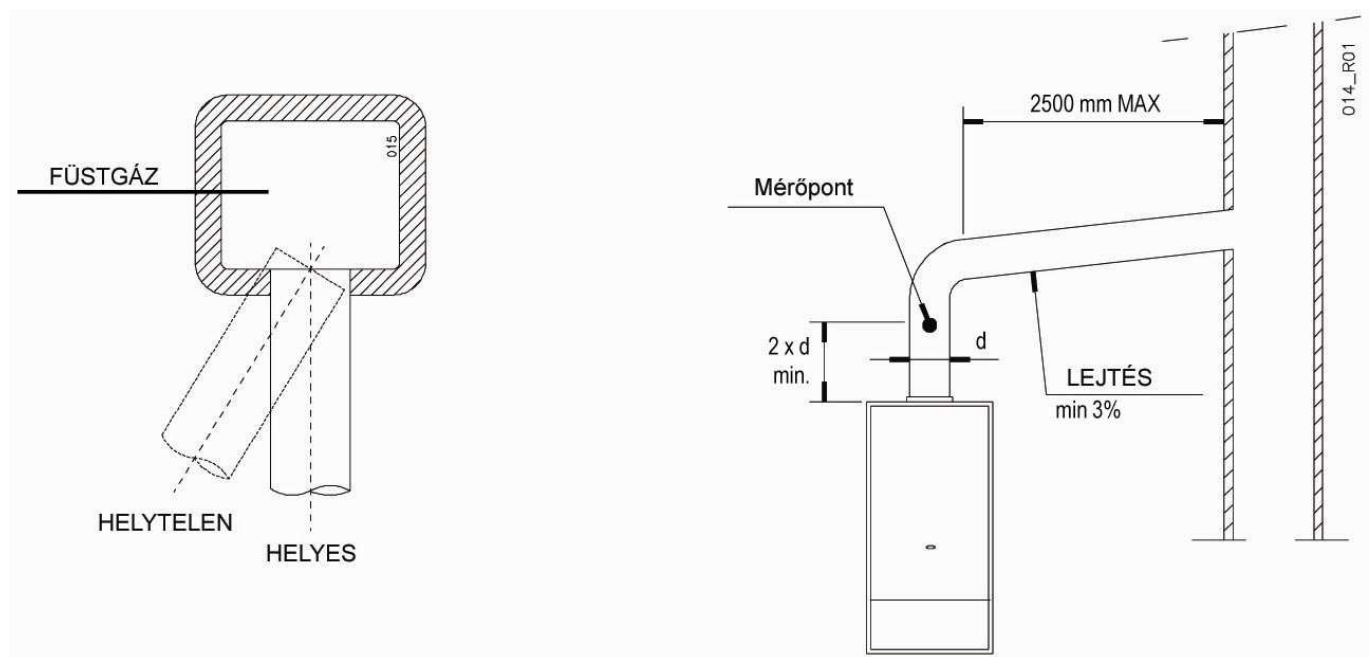
and the flue gas outlet OTÉK

He They have to rely on statutory provisions,

- The device must be an effective and independent chimney It concludes with a diameter He It must be sized jet.
- It is strictly forbidden to lead He cs He diameter He Reduction of, or controls (flaps) if sználata.
- Against He Check with each year that corresponds to the flue terminal draft He- e.

The flue of the chimney CONNECTION

- Do not defecate in the open He cs He end of the chimney internal He inwardly hang plane, but with a plane s II
be as shown in the appended Fig.



chimney connections

HABITAT 2 24SE (forced ventilation He ing U)

FÜSTGÁZELVEZET HE - AIR INTRODUCTION HE

The incoming SYSTEMS INSTALLATION He air He and the flue gas terminal counter when installing

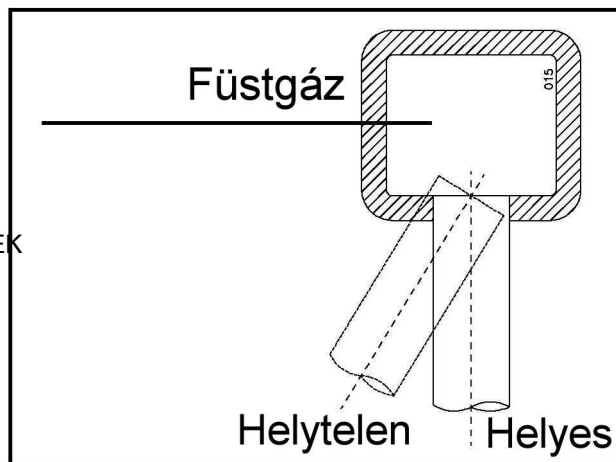
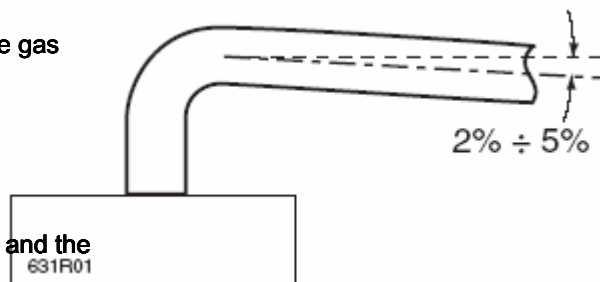
He Ensure that the gázkészülékt He I outwardly from 2% to 5% He fall Ű slope He lead to (see Figure). It is essential for the gas appliance meets I He m Ű functioning and reliability point of view. incoming He air He and the flue gas terminal meets endpoints

He protect He complete He two must be installed to prevent the környezetb He la harmful gas device materials have access to the system.

Flue gas generated during evacuation He NGL apply isolating piece. The fresh air He introduction equip h He the insulation Due harmatkiválás.

Obey exactly DIN 04-82, DIN 7044, and the related GMBSZ OTÉK flue outlet and standards in

He regulations. Always that Lev force He They have to rely on statutory provisions, which should be considered closely.



CONNECTION OF SMOKE CHANNEL HORN HE BE

- It should not be a cs He end of the horn He internal He inwardly hang plane, but with a plane s He According side table, see as shown in the appended Fig. He be,

The wall flue terminal than those to be observed in drawing No. on the siting of the following He According side table, see One GMBSZ recommendations.

Wall terminals note than those in the figure below n, and data shown in the table:

closed égéster Ű boiler air He The situation endpoints system af Ű t He performance depending on.

placing endpoint	Distances	B abdominoscopy wedge		
		4 * -7kW mm min	7-16kW mm min	16-35kW mm min
during window	THE	300	500	600
spirit He z He during opening	B	300	500	600
During Gutter	C	300	300	300
During balcony **	D	300	300	300
adjacent window	E	400	400	400
Neighboring spirit He z He Canal	F	600	600	600
It depends He any horizontal or defecate He pIPES He I***	G	300	300	300
The corner of the building	H	300	300	300
building beszögellését He I	I	300	300	300
From the floor of the ground level or another	L	400 ♦	1500 ♦	2500
dependent between two endpoints He about	M	500	1000	1500
horizontally between two end points	N	500	800	1000
against another surface lev He surface He I which do not have openings or end point within a distance of 3 meters	HE	1500	1800	2000
As above, only within a distance of 3 meters has an opening or endpoint	P	2500	2800	3000

*4kW smaller than f Ű tésteljesítmény Ű systems, the endpoint is not limited placement Nothing, except for O and P points.

DISCONNECT

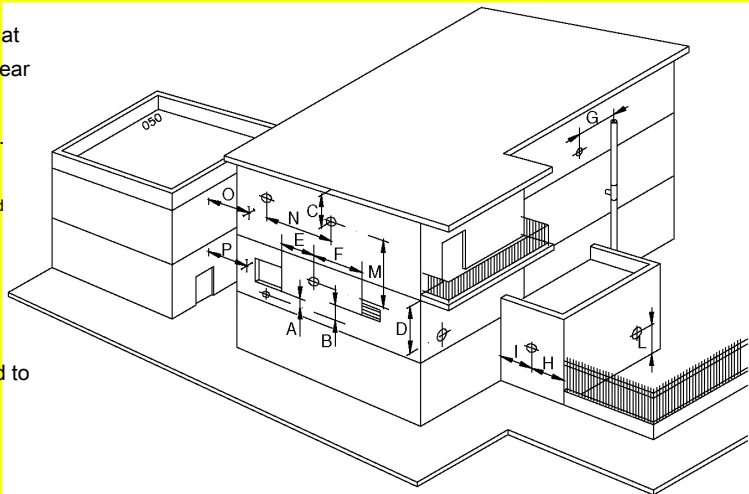
** During balcony used to transport terminals t should be positioned so that the air He system The total length should not exceed 2000mm pin-ta I point to the outside balcony He district line lev He Lead-out (including protected He The height limit is)

*** The placement of endpoint should be at least 500mm distance when reaching near flammable materials

(E. m Ű material eaves, csapadékelvezet He k, wood projections, etc), unless other use, complies He defensive mode.

♦ The outlet end points must be designed to be the exhaust gas flow

He ness according rise He be, and system ah He effects to be protected.



With split exhaust lead

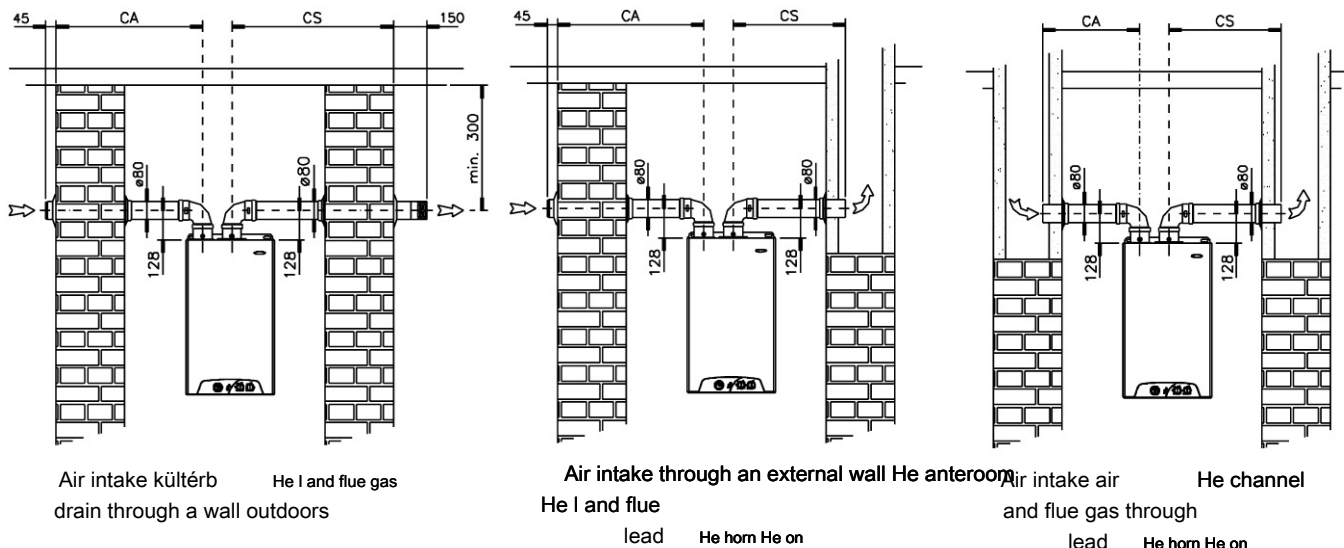
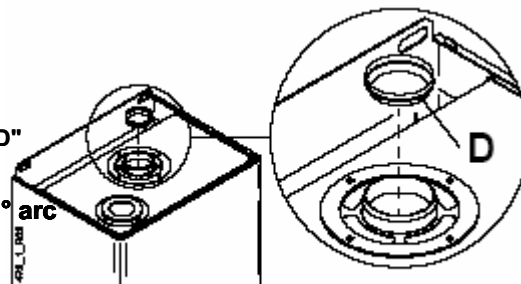
He systems

HABITAT 2 24 SE

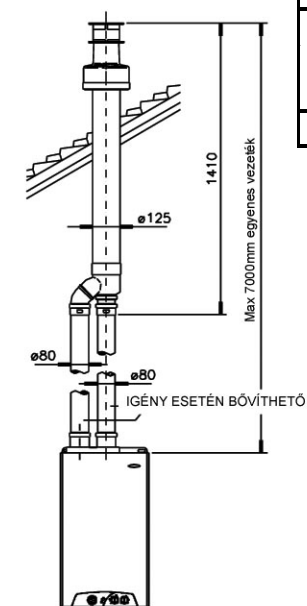
AIR INTAKE AND FLUE PIPES SPECIAL ISSUE



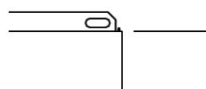
Attention m: reviewing the figures and, if necessary, install the "D" signal is supplied to the gas appliance
S Ú whom HE GY Ú R Ú T in the attached Figure. (Each 90° arc and 0.5 m every 45° arc 0.25m line segment equivalence of the



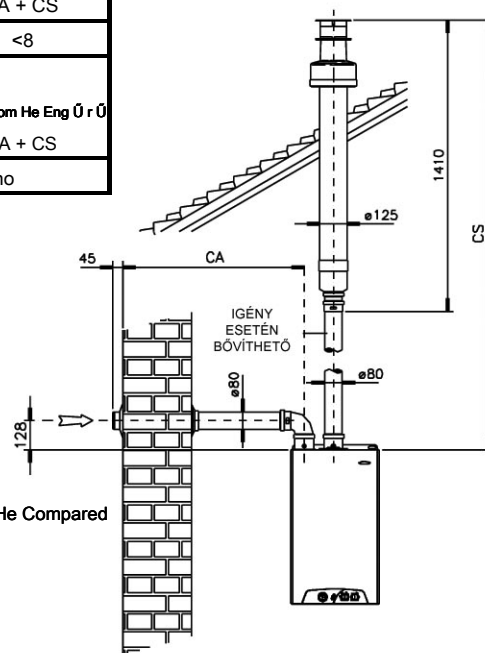
Habitat 2 24 SE		
Special drainage passages (m)		
CA + CS min-max	CS up	S Ú whom He Eng Ú r Ú if CA + CS
2-30	20	<8
coaxial separation-joint connection (M)		
CA + CS min-max	CS up	S Ú whom He Eng Ú r Ú CA + CS
2-14	13	no



With split depends He any layout double-joint separator



The dimensions of the boiler top He Compared edge understood He k.



With split depends He any horizontal air flue gas He aspiration

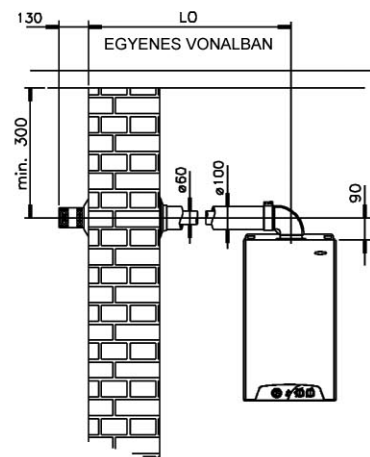
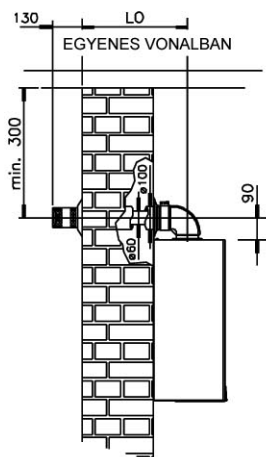
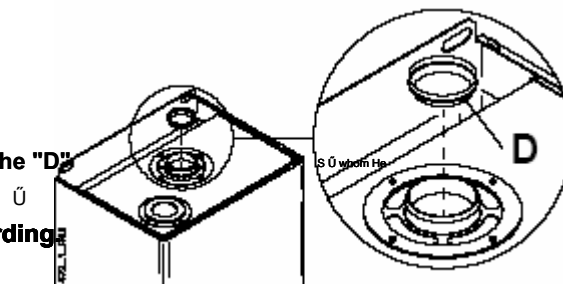
Coaxial flue gas lead He systems

HABITAT 2 24 SE

AIR INTAKE AND flue system via COAX



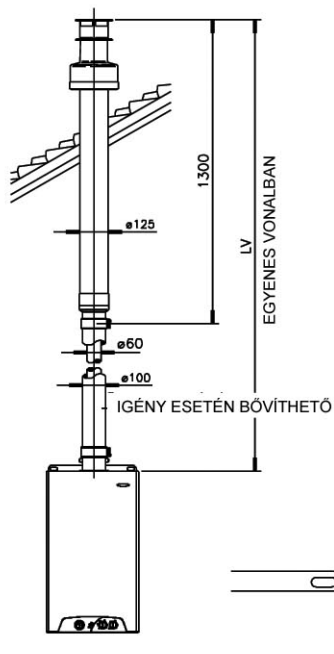
Attention m: reviewing the figures and, if necessary, install the "D" signal is supplied to the gas appliance
S Ú whom HE GY Ú R Ú T in the drawing and table according
 (Every 90 ° bend 1m and each bend 45 °
 0.5m straight and equivalents U).



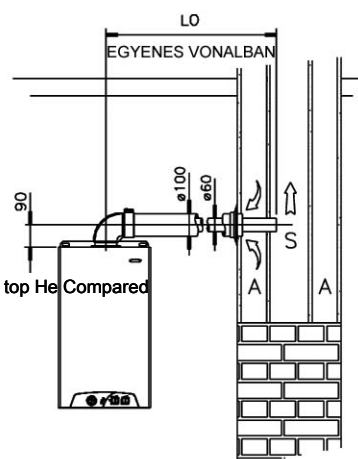
Horizontal exterior coaxial outlet He fore

COAXIAL FLUE

Type	HORSE min-max-min (M)	LV max necessary (M)	S Ú whom He LO or LV (m)
HABITAT 2 24 SE	0.5-4	1-5	<2



The dimensions of the boiler top He Compared edge understood He k.



It depends He any coaxial outlet

Air horizontal coaxial system He bezsívás and flue gas discharge coaxial horn He through n.

Repair, installation warnings



All repair and conversion of gas-works exclusions maintenance of a force He compliance regulations
Hermann must be performed by authorized service center. (See Her

sively personnel. THE He en at least once a year mann service list)

Each f Ú the beginning of the heating season against qualified personnel n He riztetni be that the system continuously, safely, efficiently complete Uze melhessen.

The careful maintenance guarantee safe and tak arékos operation.

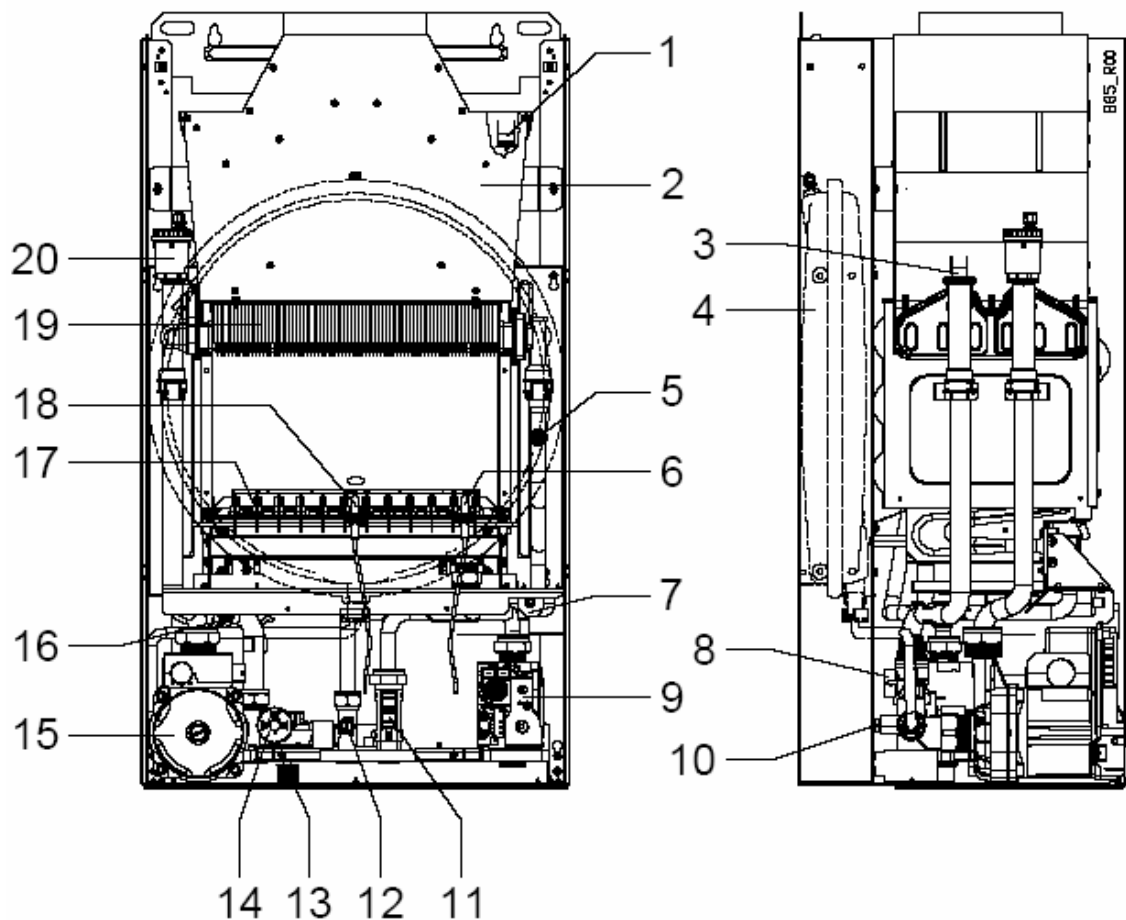
In general, the following maintenance He m Ú with it you need to:

- Remove the sky He n and the electrodes lev He potential oxidation.
- **Gy He z He Confirm the sky He Map insulation meets He status.**
- Remove lime deposits, ah He exchange r He l.
- **Against He Check the ignition device is switched off, m Ú to function.**
- **Against He Check the gas and water connections, pipes STATE tat their seals.**
- **Against He Check the minimum and maximum gas consumption increase o mine.**
- **Against He Check that the equipment meets safety He en to intervene.**
- **Against He Ensure that the control device He and adjusting organs m Ú operation of complianceHe- e.**
- **Against He Ensure that the füstgázvezet He system and / or the chimney meets He and efficient m Ú operation of id He periodic examination has taken place.**
- If the füstgázvezet He close system and / or maintenance of the chimney, or other work going on, turn off the power; cover, protect your biz Wear respiratory protection status.
- Do not leave t Ú Flammable materials, or t Ú container of flammable material is in a position inquiry, where the device is.
- Do not save in the room where the appliance It is, and just m Ú works, to prevent the external He contaminationHe access device materials.
- Clean the casing with soapy water only. The bur Kolat and other painted, m Ú material parts solvent should not be cleaned.
- The only original device, manufactured by Hermann install a spare.
- **Against He Check the pump, vent and move on, and In case zükség clean.**

It does not stem from the use of genuine parts He is not responsible for any damages Hermann He Concreteness.

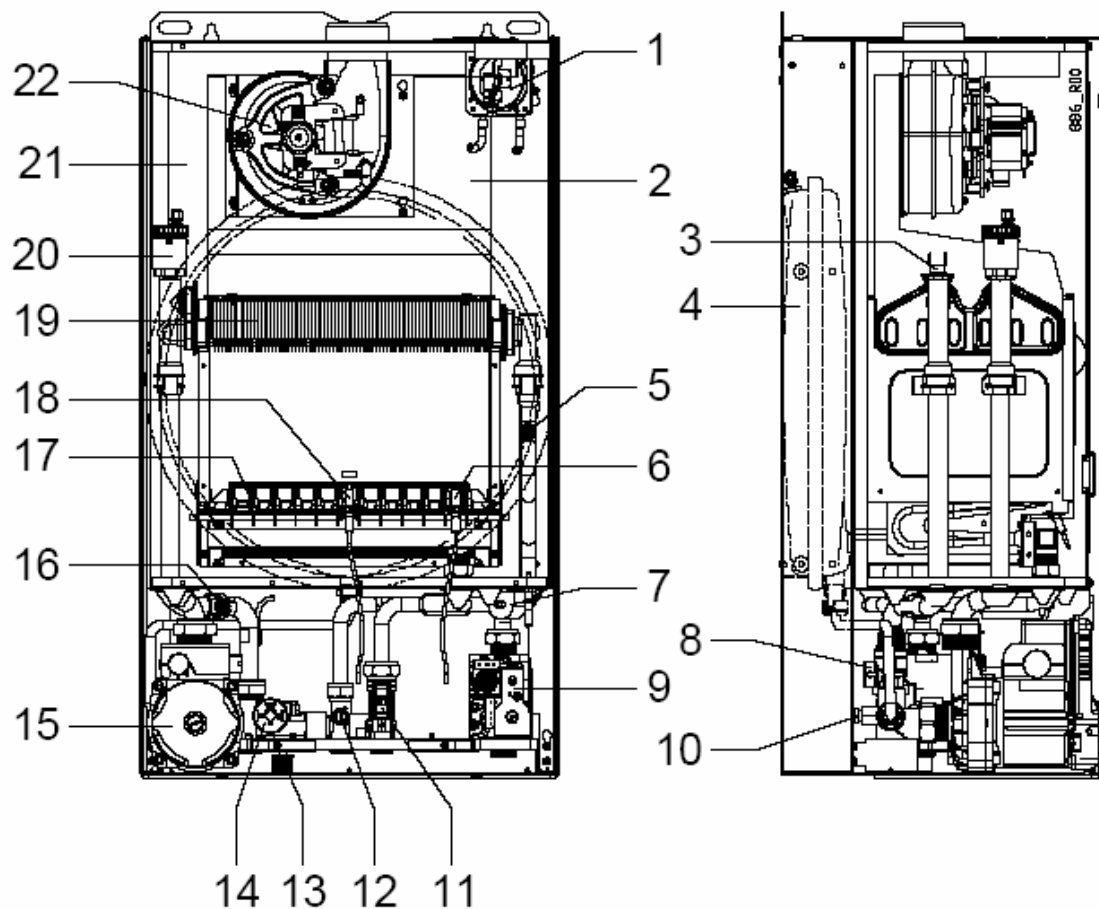
The maintenance is completed, the gas appliance repairs worksheet to be prepared for the user device status, the repairs made, ak tuális proposals and respected Procedures He cr He l which acknowledgment of the boiler user aláírásáv confirms al.

The structure of the gas appliances 23E HABITAT 2



- | | | | |
|----|----------------------------------|----|---|
| 1 | Flue gas thermostat | 12 | flow controller (HMV) |
| 2 | Deflector | 13 | Refill System He valve |
| 3 | F Ű heating safety thermostat | 14 | Minimum water pressure - safety pressure switch |
| 4 | Expansion tank | 15 | Waltz He pump |
| 5 | h HMV He perceive He | 16 | F Ű h destination He perceive He (NTC) |
| 6 | Ignition | 17 | Gas sky He |
| 7 | Fűvókahíd | 18 | ionization electrode |
| 8 | Safety valve 3 bar | 19 | h Bitermikus He exchange |
| 9 | Gas Valve | 20 | automatic air release He |
| 10 | Rendszerleereszt He valve | | |
| | HMV first 11 | | |
| | He preferential selection switch | | |

Structure Habitat two gas appliances 24 SE



1 Smoke Detector He safety pressure switch

2 Füstgázgyűjtő He chamber

3 Fű heating safety thermostat

4 Expansion tank

5 h HMV He perceive He

6 Ignition

7 Fűvókahíd

8 Safety valve 3 bar

9 Gas Valve

10 Rendszerleereszt He valve

HMV first 11 He preferential selection switch

12 flow controller (HMV)

13 Refill System He valve

14 Minimum water pressure - safety pressure switch

15 Waltz He pump

16 Fű h destination He perceive He (NTC)

17 Gas sky He

18 ionization electrode

19 h Bitermikus He exchange

20 automatic air release He

Combustion air 21 He chamber

22 Turbóventillátor

USER INSTRUCTIONS

Important facts about beüzemelésr He I



The commissioning of the first He ignition only Turkish F Ű Ltd. and trained by téstechnika authorized personnel.

The installation and exit charge.

One gáztípusról transition (natural gas, LPG or town Gas) has equipped another type of gas appliance also perform He, but am Ű you **Only the Turkish F Ű téstechnika Ltd. and trained by an authorized repair agent Hermann**. The service follows He against them He preserves:

- a) the boiler plate of lev He Data on the gas, water and electrical system parameters blood vessels compliance;
- b) the sky He size corresponds to the performance of the device;
- c) the chimney system meets He en m Ű works, leads the products of combustion;
- d) air for combustion He and evacuation of combustion gases with the current specifications m egfelel He;
- e) to meet He spirit He ing conditions are in place even if the device the furniture is installed.

helpful hints



"E" type: The flue gas sensor unit He is equipped with a safety thermostat which intervene if the flue gas would return to the area It is heaven. This is not the thermostat be bridged because the returns He flue gases may cause acute or chronic poisoning, which can be fatal. If the thermostat It was to be replaced, only original install a spare. If the device several times intervene against He Check with the füstgázelvezet He The effectiveness of the system to determine whether it He regulations. (See page 15 lev He examples).



"SE" model: The device exhaust gas sensors He safety pressure switch (prezosztáttal) It is fitted, which should not be bypassed. If the your device repeatedly intervenes call a specialist. If you need to replace the prezosztátot ni, only genuine spare parts Incorporate. If the device intervenes several times, this C h eck He Check with the füstgázelvezet He The effectiveness of the system off and input megfele- this is a He regulations (See page 16 begins He d He examples).

INSTALLATION AND SERVICE

The installation, maintenance and gas exchange s pcsolatos Procedures He them in relevant legislation Hermann service solely pursuant to perform. In accordance with the

relevant legislation of the device carb antartását at least once a year
It must be carried out, which is subject to a charge.

After completing the installation of the device using mu nkalapot necessary to prepare the device settings, current proposals, to be observed Procedures He cr He I, Education, the forthcoming He deadline for maintenance He I. you need to register the warranty documents. The gara nciaérvényesítési registration form must be returned (correctly filled) import He rhöz.

The maintenance and repair is complete, the device users must create a worksheet device status, the repairs made, ak tuális proposals complied m Ű veletekr He I.

THE DEVICE OR THE CENTER'S DIARY all systems - even on

August 1, 1994

a diary system, 35kW or less, increase or during any performance above. Due and drive, repair, adjustment graduates He with the name of a person.

He it is equipped systems - fall

In case of NW and h He Center-day horse 35kW occasional patches against the burning He Here you need to control

AGAINST THE BURNS HE The audit

combustion He Checking against boiler efficiency He It means of control; this test only by law He meet the conditions laid He personnel. You need to replace the gas appliance, which is the efficiency of the counter He audit follow He en does not reach a minimum He posted value and this is no option to perform He.

GAS EQUIPMENT OPERATING AND MAINTENANCE The device meets

He m Ű ködéséért and maintenance of the device users (Apartment, house owners, tenants He je, where the boiler is installed) and blocks representing He je (central f Ű In case of heating) meet. Both pass on the mend digs up the operation and comply He nullity third person, if it meets the (a He z He imposed by paragraph written) followed by legislation experiences. If the property owner or treat He je personal responsibility He 'device is the company CONSEQUENTIAL, regular maintenance, and against the flame He control should be left to the care service center.

warnings

If the user is absent for an extended period of time, call their representative to the required Procedures He k perform.



If you smell gas:

the) Do not press electrical switches, do not use objects that may generate sparks.

phone or other

b) open a window and door to the room immediately h

amar small celery He zzön.

c) Turn off the gas taps.

d) Call me a competent expert, ask our service

viz help.



Do not seal the boiler room of the spirit

He z He openings, thus avoided He s the

Dangerous situations (eg. toxic He and explosive mixture) formation.



If for a long time

He to turn off, you will see the "Gas Appliance Use

tin

In addition to "title Ű chapter, which describes the electrical energy, gáztáp and freezing hazard precautions.

The gas appliance controls and signals

1H He mete He (C.)

- It shows af Ū t He flow of heating equipment He water h He temper. this ah He moderation in It can be regulated by [6] switch.

2 indi He (bar)

- It shows the apparatus of heating He water pressure (working pressure). The perfect m Ū operation of The operating pressure of 0.5 to 1.5 when measuring apparatus COLD You must be between the bars to be (Optimum setting of 1-1.5 bar)
- The unit corresponds to He Water pressure is essential for the perfect m Ū operation.
- At low pressures must be set back in place and pressure (see "System Charging title " Ū chapter) If the pressure falls below 0.5 bar, the boiler n is not m Ū It insists.

3 Indicator He lamp (Power supply)

Turned off: the indicator He lamp is not lit, no power supply to the boiler under. The pole separating the general switch generally ka in addition loosely, it might have on or there is no voltage in the network. in this n this case, none of the boiler functions m Ū works of antifreeze and antilock not.

On: the light is on, the boiler m Ū It insists. Are you ready to ignite the sky He head up the hot water supply, even af Ū téshez.

Flashing basic position: stand-by position. The boiler is under tension, but the summer / winter switch is on 0 [6]. The boiler does not perform af He m Ū Operating instructions, but m Ū the works See antifreeze and anti-lock braking (the details " During frost protection "address)

Flashes, but briefly: accidentally m Ū operation was a "chimney sweep He "Function (which is the only service technician responsible)



The "chimney sweep He "Function can be turned off, rotated to set the hot water [7] switch between IIIII I and, at the same time [6] switch is turned-on state

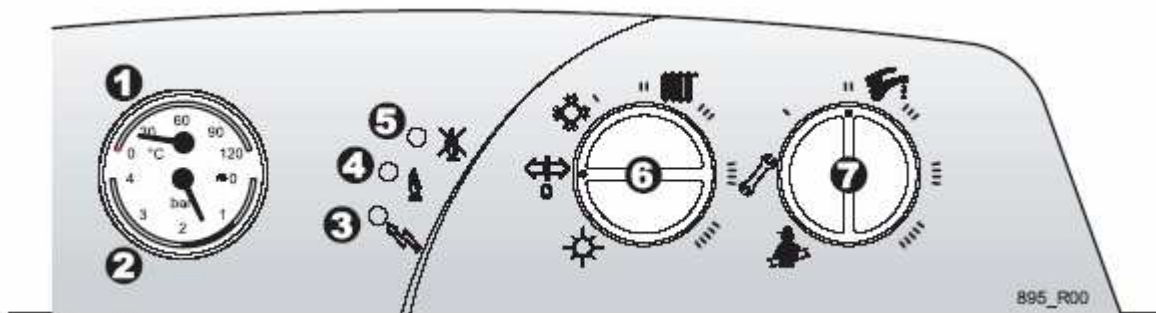
0 - $\leftarrow \rightarrow$. thereafter reconstituted [6] to switch the original eh lyzetbe.

4 Indicator He (sky He head)

Off: The sky He the head is turned off (no flame)
On: The sky He head m Ū power (with a flame)

5 Indicator He (Blocking)

display He not burn: am Ū Operation regularity Ū
display He continuous or flashing: the boiler m Ū Due to operational problems or blocked. stops. THE
mistake you can look for the "occasional incidents" title Ū chapter.



6 summer / winter switch

0 -  (Standby position, baseline)

- When the switch is in this position, the boiler n em performs af He m Ū operational instructions, but m Ū works of antifreeze and antilock braking.
- You can use this option even if the blocker To perform a Las lifting any problems or after a boiler malfunction. THE z "in case of disturbances" title Ū chapter this is discussed in detail.



If the user is away He It is planned for far longer periods of time and / or the boiler n extended period of time in standby mode, you should look at "Frost pr element "title Ū chapter of the necessary Precautions for which the electrical power . As for the gas supply and frost protection.



SUMMER - In this situation, only the boiler for domestic hot draw water. opening the hot water faucet in the sky He head becomes inflated, and a short He within hot water flows from the faucet (id He the device depends on the characteristics)



WINTER - In this situation, the boiler out He nykapcsolással produce hot water, like SUMMER mode, but at the same time Ū most prepares the air space heating.




 - extends to He stage is that the signal  He It will start, and defines the main Ū t He equipment h He temper. 

- If used continuously af Ū t He device, you must set up a way switch to the desired h He achieve moderation.
- If the equipment is not used continuously, ah He moderation of the room thermostat determines (at best, a programmable thermal stat) In this case, the switch should be set to achieve the to be h He moderation, avoiding Excessive heating of air space.




7 Hot water switch



The scale -t He l  -Holder is equipped to stage determines the me legvız h He The degree that the It produces boilers.

- Taking into account that the tube He line h He loss occurs, so It required a certain time He, that ah He Temperature stabilized with the tap spills, is the best reason showering and kádfürd He If you are using be carried out.
- This type of boiler it is advised to regulate switch to the pleasant h He moderation Ū obtaining water need only be in hot water s, or only by addition of small amount of cold water having mixed h He moderation Ū water from He set. You have to get the maximum value, unless forced Ū Community He They needed that to oblige that a large quantity Ū cold water mixing knowing the desired Vizhn He achieve moderation.



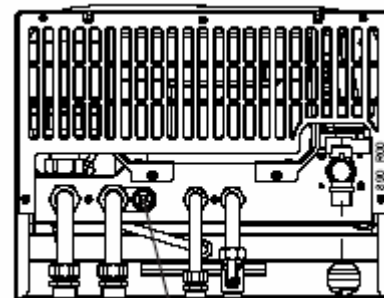
Warning:  and  only signs of love switches these signals, because of this boiler happens, immediately turn the switch on It He  la.

He They apply to exist. Do not reverse the m Ū interfere with the functioning of. If you accidentally

The system pressure

Against He Make sure that the system pressure is still 1-1.5 bar public Be there.
 If the pressure is below 1 bar was open the following spend He valve until
 1,5bar the maximum value is reached; this agreement were the manometer
 Write down (in He z He Figure (2) number of w m Ű agent). After charging, always
 Switch off your device when necessary bleed I. Proper
 the main pressure value Ű t He leh round Ű It can be set It state.

The bottom view DEVICE



pcsol,

F Ű t He After round playHe valve



When the unit pressure drops to 0.5 bar, then KIKA not m Ű It insists.

Occasional incidents and alerts



If the shutdown (blocking) indicator He red light flashes or burns, indicating k azan
 stopping or defective m Ű to function.

Normally flashes: an internal He h He Temperature probe failure. meets

He en trained

consultation should be obtained.

Short flashes intermittently: the hot water switch [7] An agent

He s is reserved sign



or



The switch



It is through the division on

He l IIIII be taken up.

Steady: or a malfunction. events indicate what the fe

lhasználó also may cure:

- The boiler was installed just over, or mu nkálatok flow of gas pipe He line.

Normally, that once again blocked the boiler when the g ase of charge to the reaction air He mixed with,
 thus preventing the accurate switching on and stops cited in st He. For these reasons, necessary

several times to carry out the ignition, SUMMER WINTER-ka pcsolót turn the trip



- The water pressure that the controller He Panel gauge indicates more is not enough He, i.e. 0.5 bar or less.

Resettable the correct pressure (optimal 1-1.5 system cold bar) by opening the
 spend He valve (see address "Charging System" Ű section)

Recovery does not happen this time when the dome endezés warm because leh Ű léskor pressure
 decrease.



Note that the normal pressure conditions not drop the case. If
 happens, it is most likely Ű with a loss somewhere in the system. Some
 if it is so slight u, it is not apparent that without a trace, but i d He with
 reduce the pressure. The radiator valve cleaning of opening up (intentionally or
 unwittingly) can cause a pressure drop. hidden l evég He leave the system in Serbian He l Pay attention
 that does not happen.

- the boiler overheated and security was stepped ermosztát

Turn the Summer / Winter switch to "unlock" Poziom locomote . Wait for the red flags He lamp
 turning off (or may be He most prolonged time Ű flashing, in order to get out of the boiler h Ű to live)



then turn the switch in the desired position (NYA
You have to wait a couple of times and you have to try again. H
you can call a specialist.

 or Winter  If necessary,
aa stoppage-term or repeated many times He th,

- The sky He head will not turn or does not come on a regular n, or the flame unexpectedly
falling asleep, imperfect combustion.

Resettable the service by turning the Summer / Té I switch to the "unlock" position
until the red light goes off. G yakori the event of downtime.



Gy He z He Djuna the perfect égésr He I, the device meets He clean and the sky He head
m Ű -operation He I.

In addition, the SE models only:

Against He Check the air He intake and füstgázürít He wires, and that the relevant graduates He contracts
in good condition and are clean, in addition, also ho gy are not losses, continuity
gaps, holes, slots and the air inlet. defecate He channels. During the installation, you must keep the
away He regulations and "connecting with hard" and " Terminal typology "title Ű chapter
away He to the writings He for hides and sizes.



Note to love He for: The sky He flames head does not stand out against the He rz He electronics,
He is not inflamed or suddenly fall asleep in, or Divorced sky He exerts He la incomplete combustion
as a consequence. For example force combustion products szááramlása the suction channel or
the intake and losses. defecate He conduit sizing error of the channel (long-va Eng is too short
and / or incorrect use of a vent in the boiler diaframma Soft seatings are fitted ator: No. Ű whom He Eng Ű r Ű no
compliance He or missing)

- intervenes in the structure that is incorrect füstára indicates MLAS

Exceptionally strong as the cause He s wind flow as well. Turn the Summer / Winter switch "Tripping"



position until the red light goes out, so to move the switch to the desired

situation. (Summer  or Winter ) If necessary, wait and repeat several times. Gy Akori

In case of failure:

- against He Check with the füstkivezet He effectiveness, as well as the intake and outflow He channels

- against He Check with the effectiveness of the device, which price smoke amlást shows.

In addition, only for type E (natural smokes ASU)

Against He Make sure the air He ztet He (spirit He z He aperture) which is the external maintaining contact with space,
and that's the norm in He Irish, in He compliance regulations He en is formed and does not cover
possibly a furniture or other objects. Be sure to and normal. compliance He, when the spirit He z He the
It is positioned behind the radiator. The spirit He z He So it's always by law He wrote size Ű must
and always be kept clean inside He leg. Some type of mosquito is found that
pókhálósodhat and often gather dust. Required ethene contact a professional.

- if, in the room where the boiler is installed has been, there are fireplaces, wood and
coal burning Ű stoves or the like. In addition, for example, fans . wall-mounted fan, or kitchen

extractor fans that are equipped with the kültérb this leads He cs He cable, be sure to

against He Check with a qualified m Ű technical specialist to the spirit He z He compliance He en to be

enlarging and to be complete He spirit He z He k, as it indicates the current He laws

away He described as the opposite He if the structures interfere, interfere with the s loosely discharge of smoke.

GAS EQUIPMENT USED

The boiler is switched off by default

The periodic inactivity (m Ú Lack of operation) follow some specific phenomenon tekménye be, such as. the room (house) is only a few arm pra and take advantage. inhabit a year, This is especially true in cold climates. THE user must assess whether Does it secure the boiler so that it All the switches feeding or on stand-by and leave only the antifreeze function operates. General meets the Alab He bb security situation choice. When danger of frost can He is not resolved, it will satisfy He en you can choose and pro v the safety position and the stand-by / fagygt between, appear.

Replacing the boiler in safety mode

- switch off the electrical supply to the boiler provides oh f He switch
- shut off the gas valve

i If there is a possibility He is that ah He 0°C temperature drops below and is not with Frost pr He TV, it must be drained completely in the combustion user equipment, or It must be filled Frost pr He with.

Please note that if you need the pressure viss zaállítására (a potential loss Due), it is in a system that has been put vo It charged Frost pr He with this concentrate lose its effectiveness, that does not guarantee frost protection.

COMMENT : it is equipped with a system of the boiler, which protects af He bb components of a rare He round stoppage sites. To unlock the shutdown can not m Ú the so-called operate. Securing into use when it is not turned on your electric supply system.

i Miel He Before we switch back to the boiler for inspection at the assembly He with that circulates He no be blocked off during the shutdown. (Repair He s: Unscrew the middle He plug to reach He whether the rotor shaft, which can then be rotated to the correct He using tool)

Stand-by, antifreeze, frost protection, blocking inhibition

The boiler is fitted with a frost protection system . which is always activated when a f Ú t He h circulating water equipment He temperament inside the boiler goes down below 5 ° C, and a switch, when it reaches 30°C cent. The frost protection function m Ú work if:

- We provide electrical power
- leave the boiler on stand-by position (summer / winter footcloth Solo 0 on and the green light flashes)
- leave open the throttle
- The water pressure in the system at regular (optimally 1- 1.5 bar cold 0.5 min bar)



In case of gas shortage in the sky He Head does not ignite and the boiler will stop (red light off inflammation) Pump m more Ú works, it circulates the water in the system, thus reducing LJA danger of frost.

seizing

The gas appliance standby time He turn occasionally af He bb components to keep the system off mode when not in use, but water and lime He stop presence. This happens even if the gas appliance is switched off (red indicator He light or flashing).

Occasional breakdowns

THE SKYHE Goes into lockout

- If you have a room thermostat mounted against the wall in this room, check that the temperature is set in moderation as per the manufacturer's instructions.
- Against the wall, make sure the system is receiving electrical power, and (Standby) position, or rather Summer (GREEN indicator light will burn (for details, see "Create message section)).
 Or Winter
 mode is selected. THE lifting and indicators "He Lights' title"
- If red light keeps burning or blinking, see "Operating and Indicator" section. "He Lights' title"
- The meter against simply check that the device pressure circuit meets the requirements (cold 1-1,5bar et).

HOT WATER

LOW temperature

- Against the wall, make sure the hot water knob is not set too low a value.
- Call a specialist to set up a gas valve.
- Call a specialist HMV to exchange the gas valve against the control and to clean.



Attention: Where the water is above the 14°C, water treatment equipment must be used, which prevents limestone precipitation. The tested and meets the requirements after type approval. Ensure the Turkish F Ltd. testtechnika. Tel: 88 / 424-093. My own



attempt to repair the gas appliance!

The electricity, water, or gas system only specialist or carry out repairs.

The device can build only original parts in.

The company is not responsible Hermann. He assumes no original parts or materials are not complied with the requirements. finds He or resulting from the use of unjustified damages.

WARNINGS

FOR USERS

- regularly He Check the water pressure. The water pressure - the system is cold state - the manufacturer drop-defined range.
- If the water pressure is often dropped, the system lev He leaks repaired by a qualified technician.
- If for a long time He n over not want to use, perform the "Device h In addition asználaton " title Ű Chapter Protect described, the electrical energy ia, gas and water supply from freezing.



The gas appliances do not touch hot surfaces (doors k, flue gas, chimneys, etc.). even when the gas appliance is not being heated, because - in some time He away - these surfaces overheat, their touch so severe burn észülést cause. THE gázkészülékhez child or inexperienced person It must not be allowed to close.

- The gas appliance supporting wall is not exposed directly to the gas t Ű zhelyr He I future He humidity, g He z.
- Do not spray the device with water or any other liquid gas kot.
- Do not place anything on the gas appliance or above.
- The device is not for children and inexperienced people s It is managed.
- When the unit is not in use, call H ERMANN specialist to carry out the necessary m Ű with you against He to control, particularly in the gas, water and electric mos lash.
- If the chimney or flue gas lead He System or near the gas appliance maintenance and, or other work is done (eg, conversion, dust, and debris. has shown in blue), switch off your He tte the device, leh Ű After Assembly and introduced to cover the He openings as well. Prevent external He contaminationHe contracts access device. Protect safe condition.
- Only these types Supermicra (Open égéstér): aspirator, Ű cooker and similar equipment in the boiler room of (or s zomszédos premises if indirect spirit He ing Ű s) of the relevant standards and safety He taking into account items (eg. ventilation He z He enlarge the holes) be installed, and to amend or b He víteni.
- The chimney id He must be checked periodically reviewed, or if it's zakember out He writes.

USER MANUAL

Guide for gázkészülékhez always the close drive if the user or love He It has need help.

HERMANN GENERAL CONDITIONS OF GUARANTEE Hermann

receiver He i recommend for a guarantee that Hermann No. history of akszerviz He commissioning will take effect the following He ways:

Together with the startup immediately Hermann fron kszerviz accurately the user's device It fills out the warranty booklet for particle handed Seid, and a guarantee to gauge Removed bound to the Turkish F Ű téstechnika Ltd. to deliver within one week.

Furthermore, the user of this device, worksheet t rnia the machine's settings m Ű veleteir He I actual proposals respected Productible I deficiencies replacement, backlogs consequences He I, education, indicating the forthcoming He annual maintenance deadline.

To avoid warranty issues He Check the above documents, proof of purchase together with the invoice. For more information on the garanciáli and you can find conditions and the warranty booklet.

WARRANTY CONDITIONS

First The device is guaranteed for the first He commissioning He 1 year after the I. Where to buy
and the first day of He the time between startup date He more than 6 months, only
You can place after review He operation, which is subject to a charge.

Second The warranty covers all parts of a device . and it covers any defective production
parts free of charge repair, or replacement. This e SETBE intervention of the service personnel
only broke the elimination of exit costs Eniko.

Third The warranty period He time out Repair or replacement warranty period He duration
extend the lead.

4th The warranty does not cover: during transportation, the location Due to irregular or missed maintenance,
Due to the ineffectiveness of the chimney, electricity and water improper equipment m Ű kódéséb He I, the
f Ű t He Poor quality material He Segebel He I, due to improper use, not empowering before staff
intervention, poorly designed, poorly builds tt f Ű tésrendszer, water treatment He lack of
Lack of sludge, or in general the Turkish F Ű tés technika Kft. - Hermann cégt He I independent
For the reasons damaged sub-assemblies.

5th The device guarantee the basic conditions of the year by maintenance-Hermann Professional Service
The existence justified. Otherwise, He if the product warranty and shelf life this commissioning
place He stay at the end of 12 months of Ű nik. The maintenance of order
the current user is that tértéskötele s.

The warranty conditions and the warranty period He duration is transferred to the device He Warranty booklet also
read.

Please note that the full guarantee only by Hermann regular service center
commissioning, and registered an annual arms ban in strict compliance with applicable Artas.

The guarantee follows He No cases Ű it seems:

a) the) Not the Turkish F Ű Hermann history by authorized service - tés technika Kft. t helyezettetés operation.

b) improper Ű use, increased stress, overwork.

c) In his profession Ű if mistreated.

d) Failure to annual maintenance.

e) Invalid or improved guarantee card (er He temporary or foreign intervention, conversion).

f) Incorrect szerelés- f Ű heating system failure, bad design, bad love and.

g) F Ű Serbian heating system He I included impurities He Dej, congestion.

h) Improper storage, transport, natural disasters, or villámcsapá s.

i) Gázvezeték He contaminants from I He Dej.

j) Freezing.

k) Tampering.

l) If the combined water treatment device He Equipment run without installation.

m) water Control He, Lack dirt separator.

n) The installation does not comply with the regulations in force and instruction manuals.

He) The chimneys are ineffective.

p) The user of the device can not be true or purchase caster account of when installing and
commissioning the completely filled out warranty booklet t, of beüzemelésr He I and on the maintenance,
The documents made improvements, are authentic copy Atai introduce our professionals.

The device equipment in He Before the town below 5 ° C even temporarily patent d store!
(Danger of frost)



HERMANN REPRESENTATION Turkish F Ű téstechnika Ltd.
8200 Almádi u. Tel 19 06-88 / 424-093 Fax
06-88 / 581-410 E-mail:..
Info@torokfutestechnika.hu http:
//www.torokfutestechnika..hu

HERMANN CENTRAL SERVICE CENTERS:
ÖKOTECH Kft. Almádi u.19 8200.
Phone: 06-88 / 405-057, Fax: 06-88 / 581-410