



KONVEKTOR

FÉG Konvektor Rt.

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Planning handbook

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FÉG KONVEKTOR Rt.

2364 Ócsa, Kiss János u. 34–38.

The largest gas fired room heater manufacturer in Europe

Fegyver és Gépgyár Részvénytársaság, legal predecessor of the company was established in Budapest, in 1891.

Activities:

production and distribution of

- gas fired room heaters,*
- wall mounted heaters,*
- water storage heaters,*
- infrared radiant heater.*

FÉG Konvektor Rt. is a manufacturer audited by Det Norske Veritas, according to the ISO 9001 standard.

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Issued: Ócsa (Hungary), December, 2004 (version 1)

The reliable **heat**



euro F8.50 F and euro F8.50 P gas fired room heaters

Appliance versions with closed combustion chamber "F" (balanced flue) and connectable to chimney "P".

Enamelled steel heat exchanger plate

Task:

Area of application:

Type of ignition:

Type of flame safety device:

Type of power control:

Combustion gas outlet:

Covering:

direct heating of premises,

flats, dwelling- and side rooms, shops, offices; etc.

piezoelectric,

thermoelectric,

combined room temperature control,

closed combustion chamber "F" (balanced flue) type or connectable to chimney "P",

perforated steel plate coated with heat resistant powder colour.

Major characteristic data:

- quality corresponding to European standards,
- very good efficiency,
- built-in room thermostat
- **the chimney version is equipped with combustion product discharge safety device which turns off the appliance in case of abnormal draught**
- low harmful material discharge (NOX, CO),
- requirements for the room air's quality are met in the room of installation and the adjacent room as well,
- alterable for LPG.
- operation of appliances requires no electricity.
- appliances out of operation there is not any risk of frost.



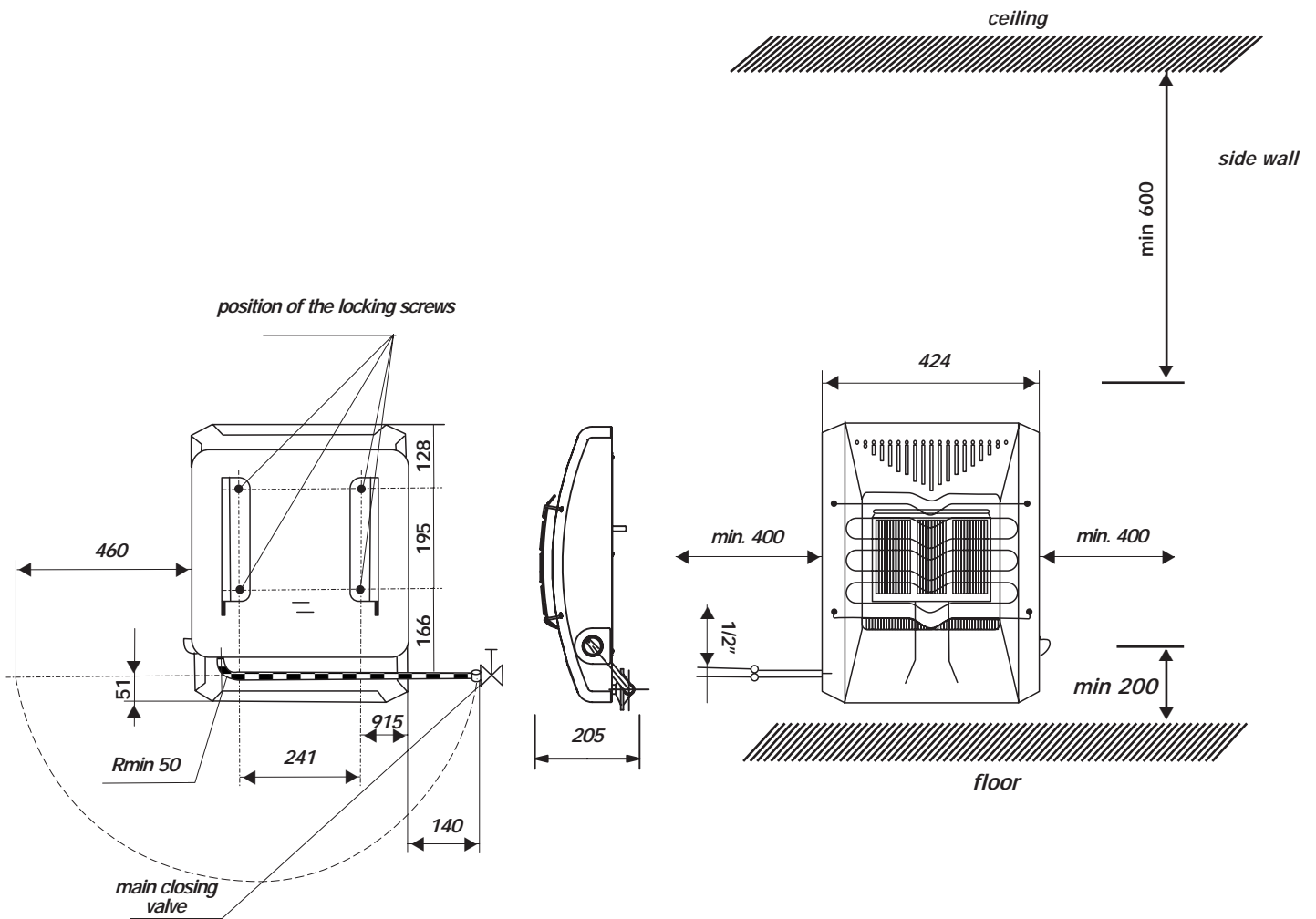
The reliable heat

Performance and set values

Type of gas		Natural gas	LPG
Calorimetric value of the gas (kWh/m ³)		9,4	32,2
Rated heat loading (kW)		6,2	6,1
Efficiency at rated load (%F)		90	90
Efficiency at rated load (%P)		85	85
Connection pressure (mbar)		25	30
NOx class (best: 5, acceptable: 1)		5	5
Rated gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,66	0,19 0,51
Reduced gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,3	0,10 0,27
Type of combined gas valve		CR640	CR640

The given technical data are informative. Valid facts can be found in the instruction of insallation of appliances.

For
natural gas



The wall mounted appliance shall be put into operation by one of the FEG Rt.'s contractual partner!

- The appliance shall be used in a well ventilated room, having an area of larger than 12 m².
- The appliance shall not be used in sleeping rooms or rooms used for sleeping
- The appliance shall not be used for drying.



ZEUSZ F8.50 F AND ZEUSZ F8.50 P FIRE PLACE LIKE GAS FIRED ROOM HEATER

Appliance versions with closed combustion chamber "F" (balanced flue) and connectable to chimney "P".

Enamelled steel heat exchanger

Task:

Area of application:

Type of ignition:

Type of flame safety device:

Type of power control:

Combustion gas outlet:

direct heating of premises,
flats, dwelling- and side rooms, shops, offices; etc.
piezoelectric,
thermoelectric,
combined room temperature control,
closed combustion chamber "F" (balanced flue) type or connectable to chimney "P",

Major characteristic data:

- quality corresponding to European standards,
- very good efficiency,
- built-in room thermostat
- **the chimney version is equipped with combustion product discharge safety device which turns off the appliance in case of abnormal draught**
- low harmful material discharge (NOX, CO),
- requirements for the room air's quality are met in the room of installation and the adjacent room as well,
- alterable for LPG by changing the gas nozzle.
- operation of appliances requires no electricity.
- appliances out of operation there is not any risk of frost.

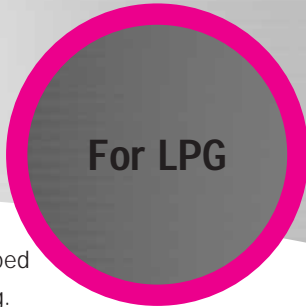


The reliable heat

Performance and set values

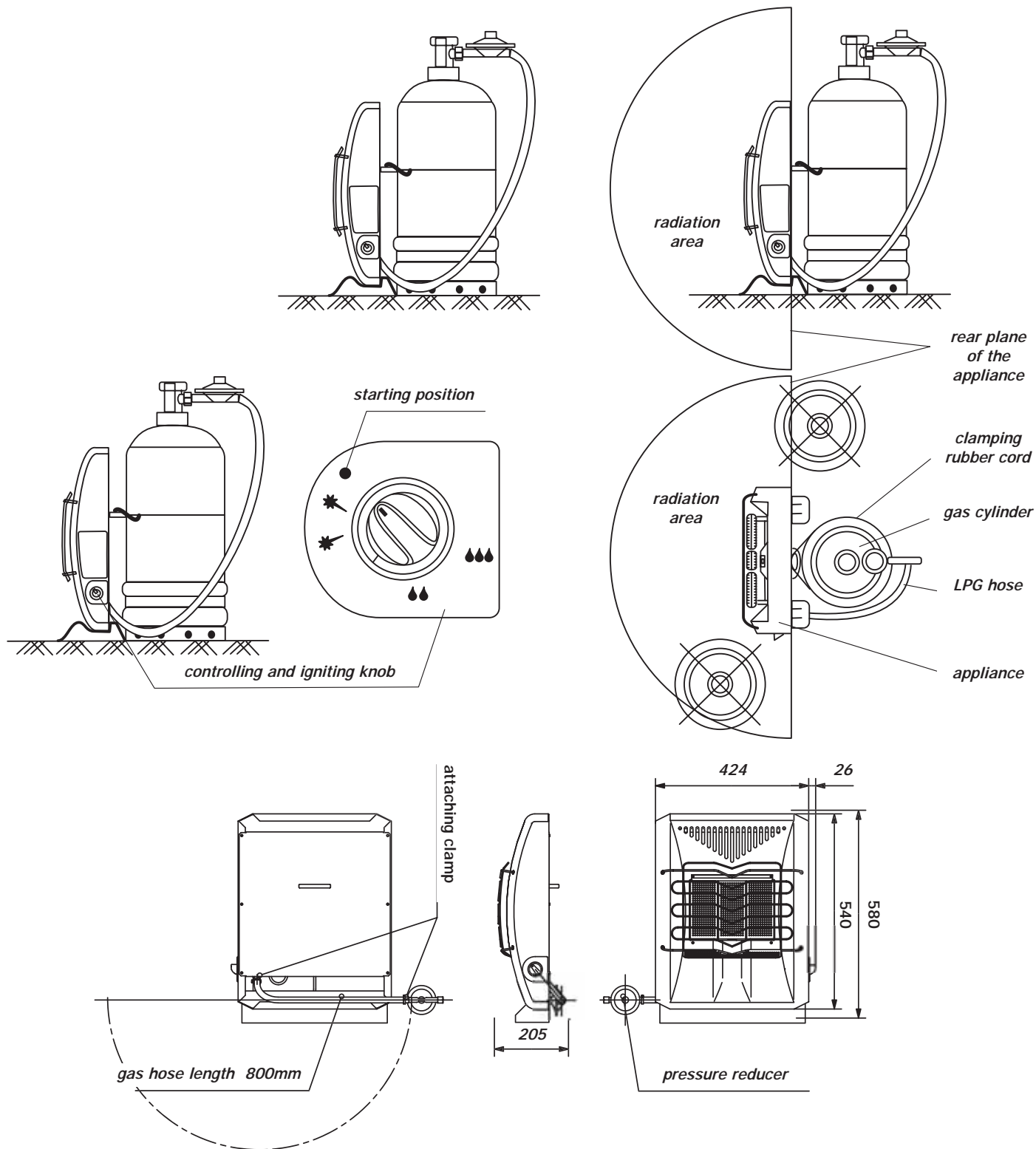
Type of gas		Natural gas	LPG
Calorimetric value of the gas (kWh/m ³)		9,4	32,2
Connection pressure (mbar)		25	30
Rated heat loading (kW)		7,0	7,0
Efficiency (%) F at rated load (%) P		90 82	90 81
Rated gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,76 -	0,22 0,56
Reduced gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,32 -	0,09 0,226
Type of combined gas valve		CR 640	CR 640
NO _x class (best: 5, acceptable: 1)		F type 5	5
NO _x class (best: 5, acceptable: 1)		P type 4	4

The given technical data are informative. Valid facts can be found in the instruction of insallation of appliances.



The LPG cylinder shall be placed behind the appliance's rear plane and shall be clamped together with the rubber cord according to the figure to prevent turning over, shifting or improper positioning.

The appliance shall not be used in flats of high buildings, basements, bathrooms, sleeping rooms or rooms used for sleeping and rooms used for storing cars. The appliance shall not be positioned near inflammable materials and shall not be placed on inflammable floor.



Perforated (11) cover



euro GF25.10 F and euro GF25.10 P, euro GF25.11 F and euro GF25.11 P gas fired room heaters

Appliance versions with closed combustion chamber "F" (balanced flue) and connectable to chimney "P".

Enamelled steel heat exchanger plate

Task:

Area of application:

Type of ignition:

Type of flame safety device:

Type of power control:

Combustion gas outlet:

Cover:

Control:

direct heating of premises

flats, dwelling- and side rooms, shops, offices; etc.

piezoelectric

thermoelectric

combined room temperature control

closed combustion chamber "F" (balanced flue) type or connectable to chimney "P"

painted steel sheet

appliance with 10 cover: crown cover with front control,

appliance with 11 cover: perforated with top control

Major characteristic data:

- quality corresponding to European standards
- very good efficiency
- built-in room thermostat
- **the chimney version is equipped with combustion product discharge safety device which turns off the appliance in case of abnormal draught**
- low harmful material discharge (NO_x, CO)
- requirements for the room air's quality are met in the room of installation and the adjacent room as well
- alterable for LPG by changing the gas nozzle.
- operation of appliances requires no electricity.
- appliances out of operation there is not any risk of frost.



The reliable heat

Performance and set values

Type of gas		Natural gas	LPG
Calorimetric value of the gas (kWh/m ³)		9,4	32,2
Rated heat loading (kW)		3,3	3,3
Efficiency at rated load F type (%)		94	95
Efficiency at rated load P type (%)		88	88
Connection pressure (mbar)		25	30
Rated gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,35 -	0,108 0,289
Reduced gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,15 -	0,04 0,107
NO _x class (best: 5, acceptable: 1)		5	5

The given technical data are informative. Valid facts can be found in the instruction of insallation of appliances.

INFRARED RADIANT HEATERS



SIESTA PINGVIN INFRARED RADIANT GAS BURNERS



The reliable heat

Perforated (11) cover



euro GF30.10 F and euro GF30.10 P, euro GF30.11 F and euro GF30.11 P gas fired room heaters

Appliance versions with closed combustion chamber "F" (balanced flue) and connectable to chimney "P".

Cast iron heat exchanger plate

Task:

Area of application:

Type of ignition:

Type of flame safety device:

Type of power control:

Combustion gas outlet:

Cover:

Control:

direct heating of premises

flats, dwelling- and side rooms, shops, offices; etc.

piezoelectric

thermoelectric

combined room temperature control

closed combustion chamber "F" (balanced flue) type or connectable to chimney "P"

painted steel sheet

appliance with 10 cover: crown cover with front control,

appliance with 11 cover: perforated with top control

Major characteristic data:

- quality corresponding to European standards
- very good efficiency
- built-in room thermostat
- **the chimney version is equipped with combustion product discharge safety device which turns off the appliance in case of abnormal draught**
- low harmful material discharge (NOX, CO)
- requirements for the room air's quality are met in the room of installation and the adjacent room as well
- alterable for LPG by changing the gas nozzle.
- operation of appliances requires no electricity.
- appliances out of operation there is not any risk of frost.



The reliable heat

Performance and set values

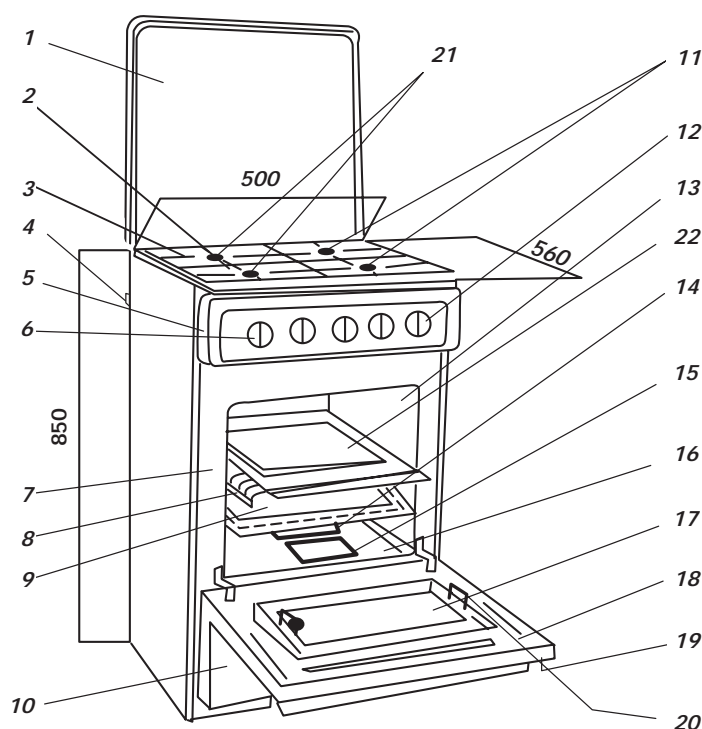
Type of gas		Natural gas	LPG
Calorimetric value of the gas (kWh/m ³)		9,4	32,2
Rated heat loading (kW)		3,3	3,5
Efficiency at rated load F type (%)		94	95
Efficiency at rated load P type (%)		88	88
Connection pressure (mbar)		25	30
Rated gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,35 -	0,108 0,29
Reduced gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,15 -	0,04 0,11
Type of combined gas valve		CR 640	CR 640
NO _x class (best: 5, acceptable: 1)		5	5

The given technical data are informative. Valid facts can be found in the instruction of installation of appliances.

Positioning: when positioning of the gas cooker, the relevant regulations shall be observed. When common air-space shall be provided for the gas cooker, covering the installed ventilating opening is dangerous, consequently is forbidden!

The appliance may be placed near windows so that the wind could not blow off the gas burner.

Requirements for installation: the appliance shall be installed only in such premises whose ventilation is provided for, have at least one window and their volume is at least 15 m³.



Legend:

1. Cook top, Glass top
2. Cover,
3. Cooking grill,
4. Gas connection neck,
5. Instrument board,
6. Control of the baking burner,
7. Appliance frame,
8. Baking frame,
9. Cake tin,
10. Lower door,
11. Cooking burner: Ø77 mm, Ø51 mm, Ø40 mm,
12. Controls of the cooking burners,
13. Baking place,
14. Baking oil cover,
15. Baking burner,
16. Removable underside,
17. Baker window,
18. Baker door,
19. Baker door handle,
20. Internal window fastener,
21. Thermocouple, 450 mm, 100 mm, 250 mm,
22. Baking element.

Dimensions of the appliance, technical data

Type	FÉG T5, T5 Lux gas cooker
Height (mm)	850 ± 5
Width (mm)	500 ± 5
Depth (mm)	560 ± 5
Weight (kg)	43
Useful volume of the baking place	
Dimensions of the opening of the baking place (mm)	290 x 364
Area of the cake tin (dm ²)	11
Gas connection height (mm)	739
Connection gas, pressure • LPG (mbar)	30
Connection gas, pressure • natural gas (mbar)	25

Perforated (11) cover



euro GF35.10 F and euro GF35.10 P, euro GF35.11 F and euro GF35.11 P gas fired room heaters

Appliance versions with closed combustion chamber "F" (balanced flue) and connectable to chimney "P".

Enamelled steel heat exchanger plate

Task:

Area of application:

Type of ignition:

Type of flame safety device:

Type of power control:

Combustion gas outlet:

Cover:

Control:

direct heating of premises

flats, dwelling- and side rooms, shops, offices; etc.

piezoelectric

thermoelectric

combined room temperature control

closed combustion chamber "F" (balanced flue) type or connectable to chimney "P"

painted steel sheet

appliance with 10 cover: crown cover with front control,

appliance with 11 cover: perforated with top control

Major characteristic data:

- quality corresponding to European standards
- very good efficiency
- built-in room temperature thermostat
- **the chimney version is equipped with combustion product discharge safety device which turns off the appliance in case of abnormal draught**
- low harmful material discharge (NO_x, CO)
- requirements for the room air's quality are met in the room of installation and the adjacent room as well
- alterable for LPG by changing the gas nozzle.
- operation of appliances requires no electricity.
- appliances out of operation there is not any risk of frost.



The reliable *heat*

Performance and set values

Type of gas		Natural gas	LPG
Calorimetric value of the gas (kWh/m ³)		9,4	32,2
Rated heat loading (kW)		4,4	4,4
Efficiency at rated load F type (%)		93	93
Efficiency at rated load P type (%)		88	88
Connection pressure (mbar)		25	30
Rated gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,46 -	0,137 0,367
Reduced gas load at temperature of 15°C	(m ³ /h) (kg/h)	0,18 -	0,06 0,16
Type of combined gas valve		CR640	CR640
NO _x class (best: 5, acceptable: 1)		5	5

The given technical data are informative. Valid facts can be found in the instruction of installation of appliances.