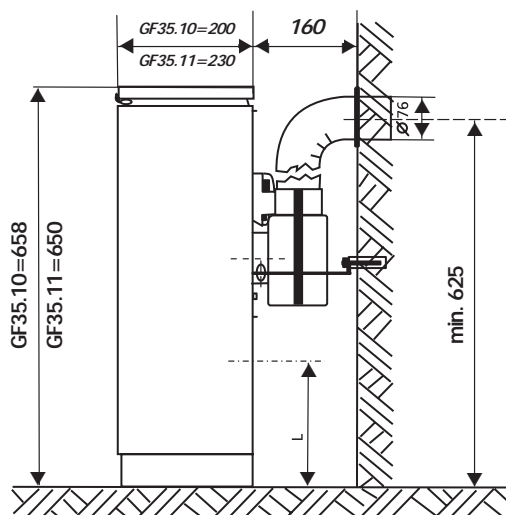


For natural gas and LPG

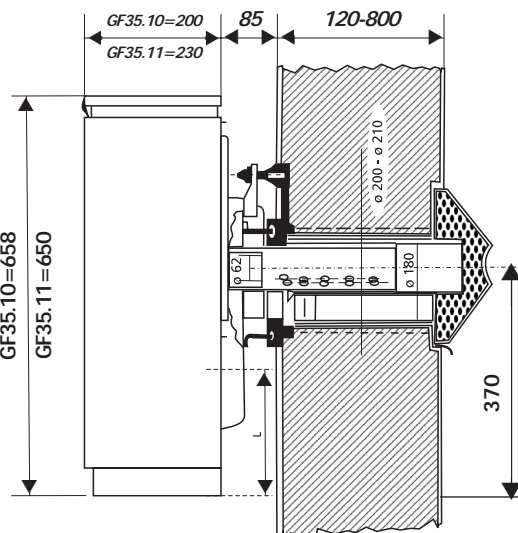
Dimensions and connection of the appliance:

Appliance connectable to chimney "P"

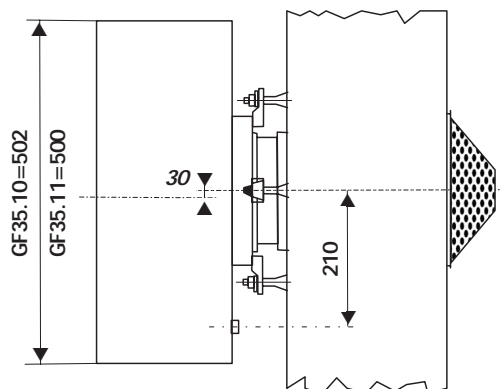
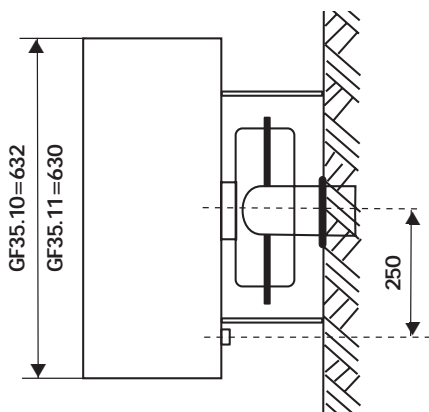
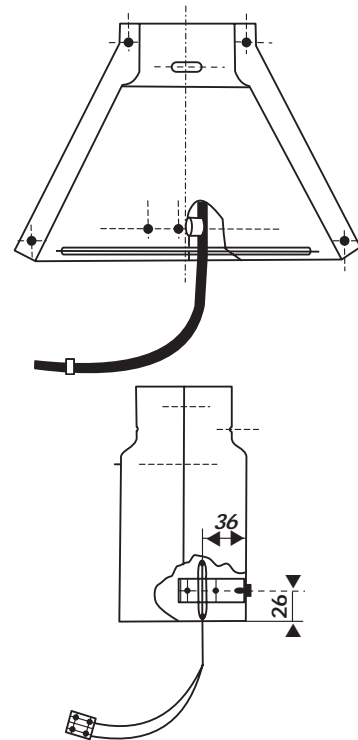
Appliance with closed combustion chamber "F" (balanced flue)



$L = GF35.10 = 350 \text{ mm}$
 $L = GF35.11 = 220 \text{ mm}$



Installation of combustion product back-flow detector into the deflecting unit



Dimensions of the appliance, technical data

Type	euro GF35.10 F euro GF35.10 P	euro GF35.11 F euro GF35.11 P
Height (mm)	658	650
Width (mm)	632	630
Depth F type (mm)	300	310
Depth P type (mm)	365	375
Weight (kg)	24	24
Gas connection	G 1/2"	G 1/2"
Nominal diameter of combustion product exhaust-pipe of the appliance connectable to chimney: 76 mm		

FÉG T5 and T5 Lux gas cooker with 4 cooking burners, with panoramic door



Task:	cooking and baking
Area of application:	household kitchens
Type of ignition:	by matches
Type of flame safety device:	thermoelectric
Type of power control:	continuous between the rated and reduced
Combustion gas outlet:	no outlet, natural ventilation shall be ensured

Major characteristic data:	<ul style="list-style-type: none"> • 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.
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The reliable heat

Performance and set values

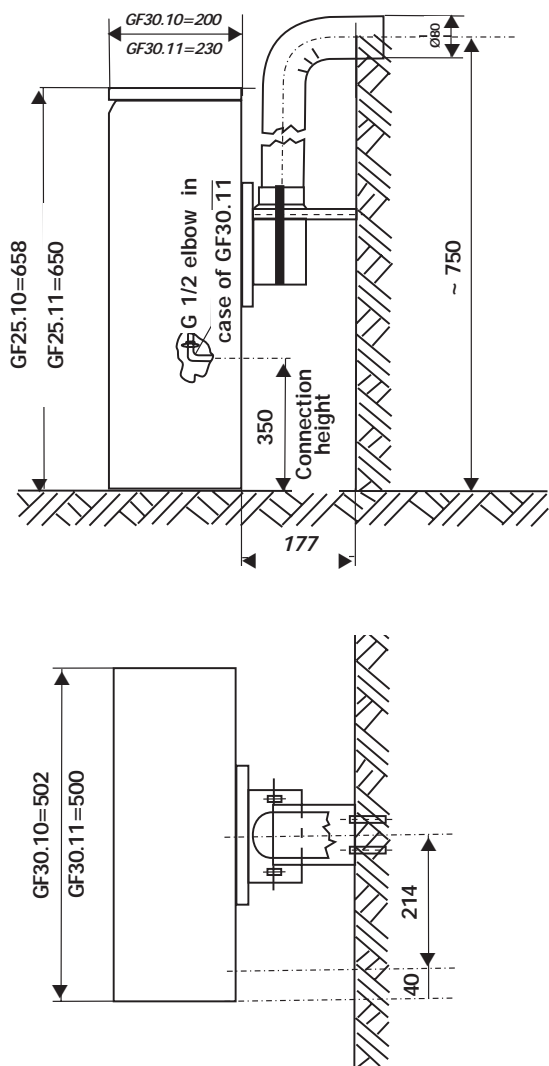
Type of gas	Heat loading				Gas nozzle diameter		Gas consumption			
	(kW)				(mm)		(kg/h)		(m ³ /h)	
	LPG		Natural gas		LPG	N.g.	LPG		Natural gas	
	Rated	Reduced	Rated	Reduced			Rated	Reduced	Rated	Reduced
C. burner 40	1,47	0,42	1,23	0,35	0,6	0,75	0,113	0,033	0,12	0,03
C. burner 51	2,03	0,45	1,74	0,43	0,7	0,9	0,157	0,039	0,17	0,04
C. burner 51	2,03	0,45	1,74	0,43	0,7	0,9	0,157	0,039	0,17	0,04
C. burner 77	2,41	0,48	2,85	0,57	0,75	1,15	0,186	0,042	0,27	0,05
Baking burner	2,8	1,34	2,8	1,34	0,8	1,15	0,218	0,105	0,27	0,13
Total	10,74		10,36				0,831		1,00	

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

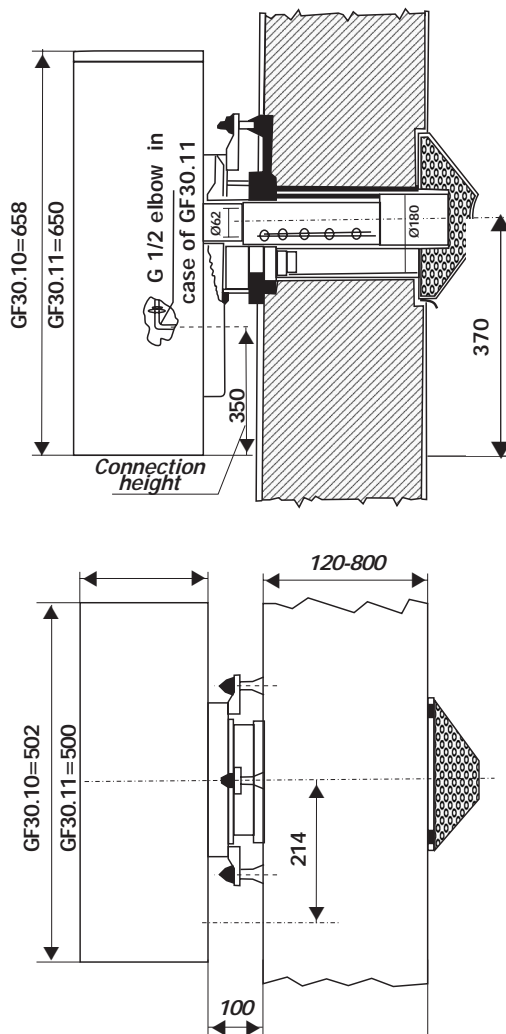
For natural gas and LPG

Dimensions and connection of the appliance:

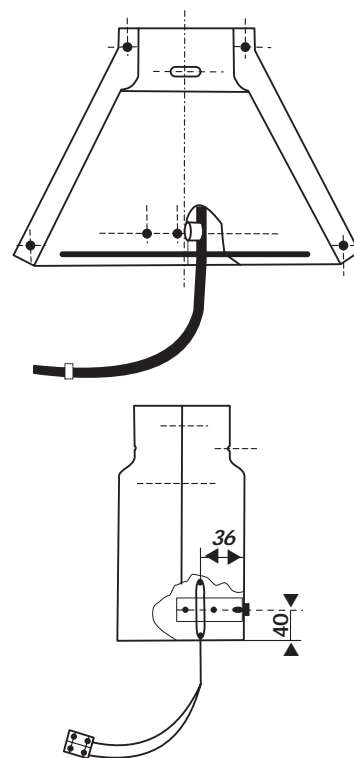
Appliance connectable to chimney "P"



Appliance with closed combustion chamber "F" (balanced flue)



Installation of combustion product back-flow detector into the deflecting unit



Dimensions of the appliance, technical data

Type	euro GF30.10 F euro GF30.10 P	euro GF30.11 F euro GF30.11 P
Height (mm)	658	650
Width (mm)	502	500
Depth F type (mm)	315	325
Depth P type (mm)	375	385
Weight (kg)	34	34
Gas connection	G 1/2"	G 1/2"
Nominal diameter of combustion product exhaust-pipe of the appliance connectable to chimney: 76 mm		

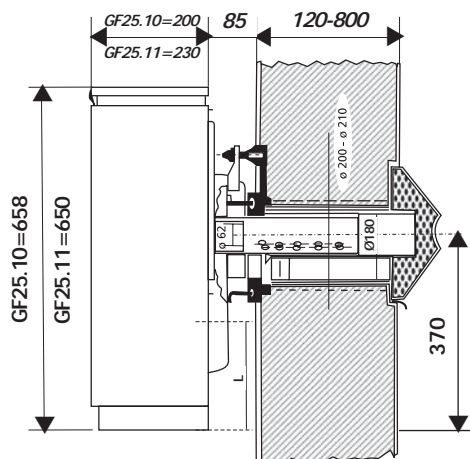
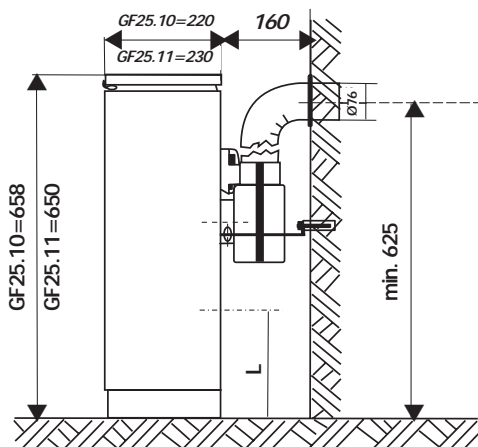
For natural gas and LPG

Dimensions and connection of the appliance:

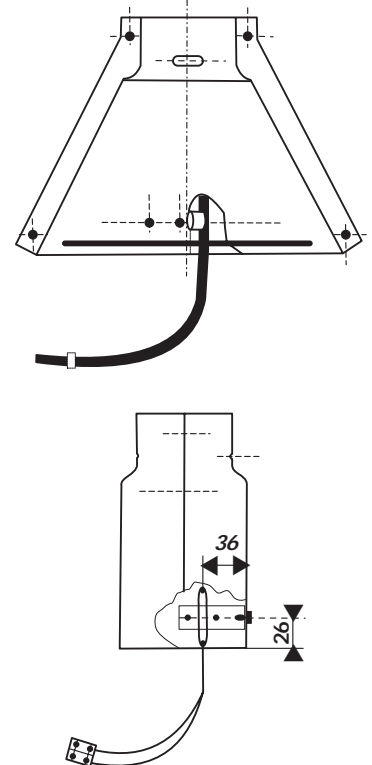
Appliance connectable to chimney "P"

Appliance with closed combustion chamber "F" (balanced flue)

L = GF25.10 = 350 mm
L = GF25.11 = 220 mm



Installation of combustion product back-flow detector into the deflecting unit



Dimensions of the appliance, technical data

Type	euro GF25.10 F euro GF25.10 P	euro GF25.11 F euro GF25.11 P
Height (mm)	658	650
Width (mm)	502	500
Depth F type (mm)	300	310
Depth P type (mm)	365	375
Weight (kg)	20	20
Gas connection	G 1/2"	G 1/2"
Nominal diameter of combustion product exhaust-pipe of the appliance connectable to chimney: 76 mm		

SIESTA PINGVIN INFRARED RADIANT LPG HEATER, FLOOR MOUNTED



Task:	auxiliary heater
Area of application:	weekend houses, bungalows, offices, shops; etc.
Type of ignition:	piezoelectric
Type of flame safety device:	thermoelectric
Type of power control:	manual, in 3 steps
Combustion gas outlet:	by natural ventilation
Air-space protection:	by installed oxyprotector, which automatically shuts down the appliance in case of the concentration of combustion gas well lower than the dangerous level. The appliance can be restarted after ventilating the room

Major characteristic data:

The infrared radiant gas heater dissipates the majority of heat, something like 70% by radiation. Significant, something like 30-40% energy saving can be achieved compared to the conventional heating, since in case of heat radiation lower air temperature belongs to the same heat sensation.

- Very low NO_x emission.
- operation of appliances requires no electricity.
- appliances out of operation there is not any risk of frost.



The reliable heat

Performance and set values

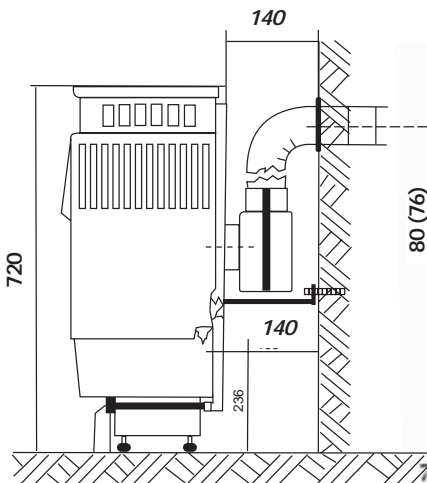
Type of gas	LPG
Connection pressure (mbar)	30
Calorimetric value of the gas (kWh/m ³)	34,9
Maximum temperature of radiating surface (°C)	950
Radiation area (m ²)	0,04
Rated heat loading (kW)	4,2
I. degree, reduced load (kW)	1,56
II. degree, medium load (kW)	2,78
III. degree, full load (kW)	4,44
Gas load in the I. degree (m ³ /h) (kg/h)	0,045 0,115
Gas load in the II. degree (m ³ /h) (kg/h)	0,080 0,205
Gas load in the III. degree (m ³ /h) (kg/h)	0,128 0,328

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

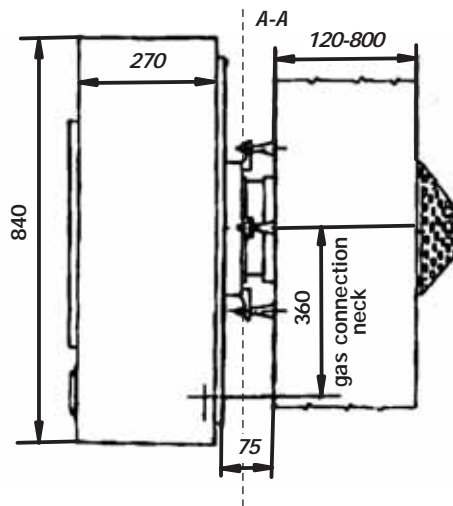
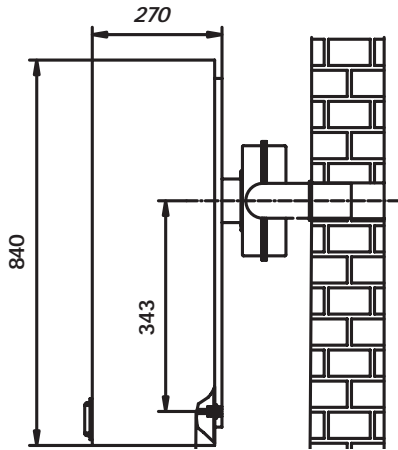
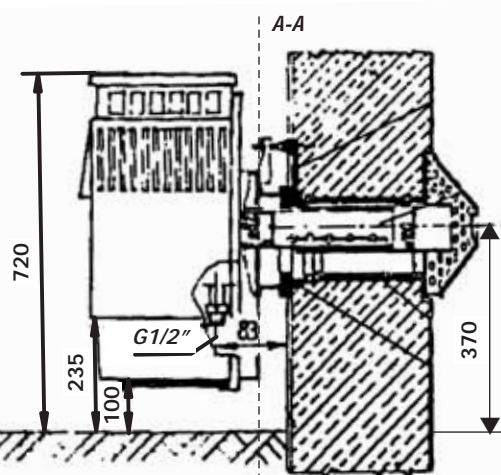
For natural gas and LPG

Dimensions and connection of the appliance:

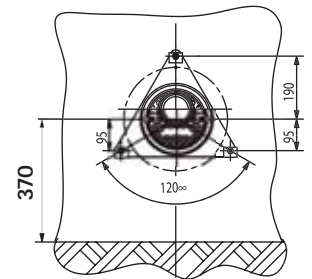
Appliance connectable to chimney "P"



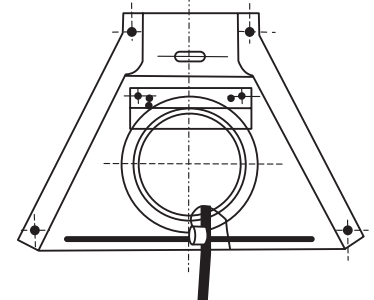
Appliance with closed combustion chamber "F" (balanced flue)



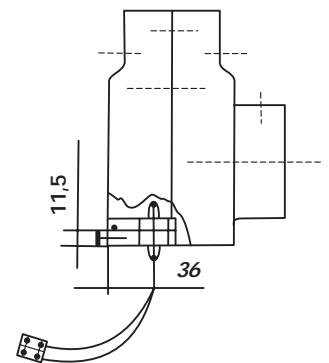
Appliance fixing plate A-A



Installation of combustion product back-flow detector into the deflecting unit



The bared end of conductor shall be connected entwined to the terminal block!



Dimensions of the appliance

Type	Zeusz F8.50 F	Zeusz F8.50 P
Construction	with closed combustion chamber	connectable to chimney
Height (mm)	620	720
Width (mm)	840	840
Depth (mm)	371	450
Weight (kg)	34	32
Gas connection	G 1/2"	G 1/2"
Nominal diameter of combustion product exhaust-pipe of the appliance connectable to chimney: 76 mm		

SIESTA PINGVIN INFRARED RADIANT NATURAL GAS AND LPG HEATER, WALL MOUNTED



Task:	auxiliary heater
Area of application:	weekend houses, bungalows, offices, shops; etc.
Type of ignition:	piezoelectric
Type of flame safety device:	thermoelectric
Type of power control:	manual, in 3 steps
Combustion gas outlet:	by natural ventilation
Air-space protection:	by installed oxyprotector, which automatically shuts down the appliance in case of the concentration of combustion gas well lower than the dangerous level. The appliance can be restarted after ventilating the room

Major characteristic data:	The infrared radiant gas heater dissipates the majority of heat, something like 70% by radiation. Significant, something like 30-40% energy saving can be achieved compared to the conventional heating, since in case of heat radiation lower air temperature belongs to the same heat sensation. <ul style="list-style-type: none"> • Very low NO_x emission. • operation of appliances requires no electricity. • appliances out of operation there is not any risk of frost.
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The reliable heat

Performance and set values

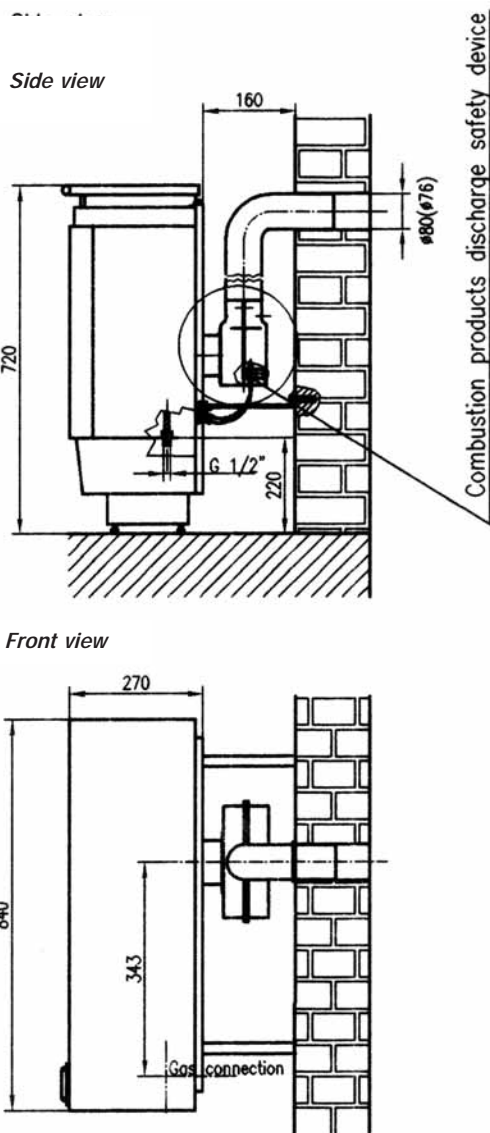
Type of gas	Natural gas	LPG
Connection pressure (mbar)	25	30
Calorimetric value of the gas (kWh/m ³)	10,49	34,9
Maximum temperature of radiating surface (°C)	950	950
Radiation area (m ²)	0,04	0,04
Rated heat loading (kW)	6,0	4,2
Gas load in the I. degree (m ³ /h) (kg/h)	0,2 -	- 0,115
Gas load in the II. degree (m ³ /h) (kg/h)	0,41 -	- 0,205
Gas load in the III. degree (m ³ /h) (kg/h)	0,57 -	- 0,328

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

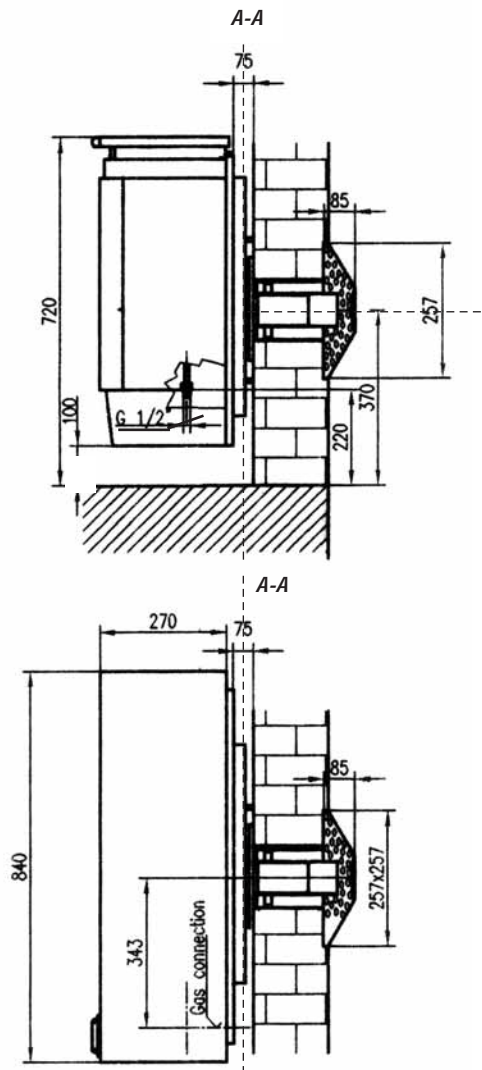
For natural gas and LPG

Dimensions and connection of the appliance:

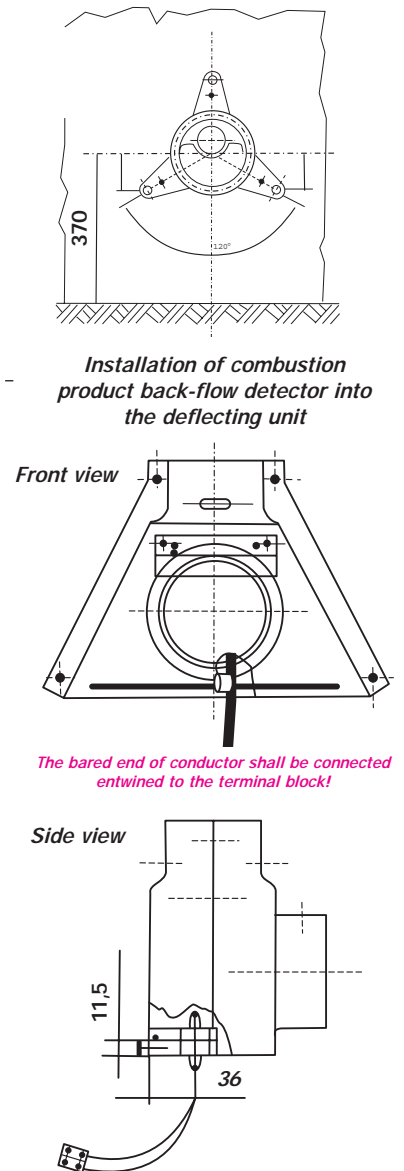
Appliance connectable to chimney "P"



Appliance with closed combustion chamber "F" (balanced flue)



Appliance fixing plate A-A



Technical data

Type	euro F8.50F	euro F8.50P
Height (mm)	620	720
Width (mm)	840	840
Depth (mm)	351	430
Weight (kg)	30	30
Gas connection	G 1/2"	G 1/2"
Nominal diameter of combustion product exhaust-pipe of the appliance connectable to chimney: 76 mm		

GLOSSARY

Name	Explanation
<i>Circulating return pipe</i>	<i>In case of water storage gas heaters it is possible to circulate the water in the hot water pipe, so that the water is circulated from the far water supply points via a separate pipe (circulating pipe) back to the water heater by a pump. In this case the hot water is readily available when opening the tap of the water supply point.</i>
<i>Reduced load</i>	<i>Starting output of gas appliances with output control.</i>
<i>Flow insurance of combustion gas</i>	<i>(deflector, draught diverter hood)a device installed into appliances connected to chimney and having atmospheric air supplied burner, or mounted on their combustion gas outlet, preventing the appliance's operation from significantly influenced by the chimney draught.</i>
<i>Appliance without combustion gas outlet</i>	<i>The appliance, whose combustion gas exiting into the appliance's room: The combustion gas of the appliance without combustion gas leaves the room by the natural or artificial air change.</i>
<i>Combustion gas (smoke gas)</i>	<i>Principally gaseous mixture originating from burning the fuel in the gas consumer appliance.</i>
<i>Combustion gas reflow sensor</i>	<i>Safety equipment, mandatory accessory of chimney connectable appliances. By shutting off the appliance in case of blocking of the chimney or air reflow through the chimney, it prevents the combustion products from flowing in to the room in dangerous volumes.</i>
<i>on the top control</i>	<i>Such an appliance, whose controls are accessible from the top.</i>
<i>Natural gas "H"</i>	<i>In Hungary in most of the cases the "H" quality natural gas is supplied through the mains gas supply. The reference gas of the "H" quality natural gas is 100% methane.</i>
<i>Efficiency at rated load</i>	<i>Efficiency of the appliance, measured by the certification institute at rated load.</i>
<i>Fireplace like gas fired room heater (gas fireplace)</i>	<i>Such a gas fired room heater, whose combustion chamber is visible through a thermal shock resistant glass window. In the combustion chamber the real flames heat a non-flammable fuel imitation material, thus the appliance looks like an appliance operating on coal or wood.</i>
<i>Chimney connectable appliance</i>	<i>Such an appliance, whose combustion gas shall be lead to a chimney.</i>
<i>On the front control</i>	<i>Such an appliance, whose controls are accessible from the front closing surface.</i>
<i>Rated heat loading</i>	<i>The thermal energy input to the appliance by the supplied gas during the unit time, calculated on the basis of the calorimetric value of the gas. (The product of the rated heat load and the rated efficiency is rated power. Its value is given by the manufacturer.)</i>
<i>Rated power</i>	<i>(Delivered power) The theoretic power of the appliance, given by the manufacturer. The actual output of the appliance may differ from this value. (For example, due to the allowed variation in quality of the supplied gas.)</i>
<i>Open combustion chamber appliance</i>	<i>Such an appliance which use the air from the rooms air-space for its operation.</i>
<i>LPG</i>	<i>A gas mixture containing propane and butane, supplied in gas cylinders or in gas tanks.</i>
<i>Thermoelectric flame safety</i>	<i>The appliance's burner heats an thermocouple. Due to the heat, the thermocouple generates voltage, capable of keeping open of the thermo-magnet. If the flame disappear, the thermo-magnet closes the gas supply to the burner</i>
<i>Closed combustion chamber appliance</i>	<i>Such an appliance in case of which the air for the burning and the generated combustion gases flow in a closed system, separated from the room air-space.</i>

Gas fired room heaters



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

Zeusz F8.50 F and Zeusz F8.50 P fire place like gas fired room heaters

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

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

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

euro GF40.10 F, GF40.10 P, GF40.11 F, GF40.11 P gas fired room heaters

Beáta 2, 3, 4 and 5.1 gas fired room heaters
with closed combustion chamber (balanced flue)



The reliable heat

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