

# WARMTH OF HEARTH AND HOME

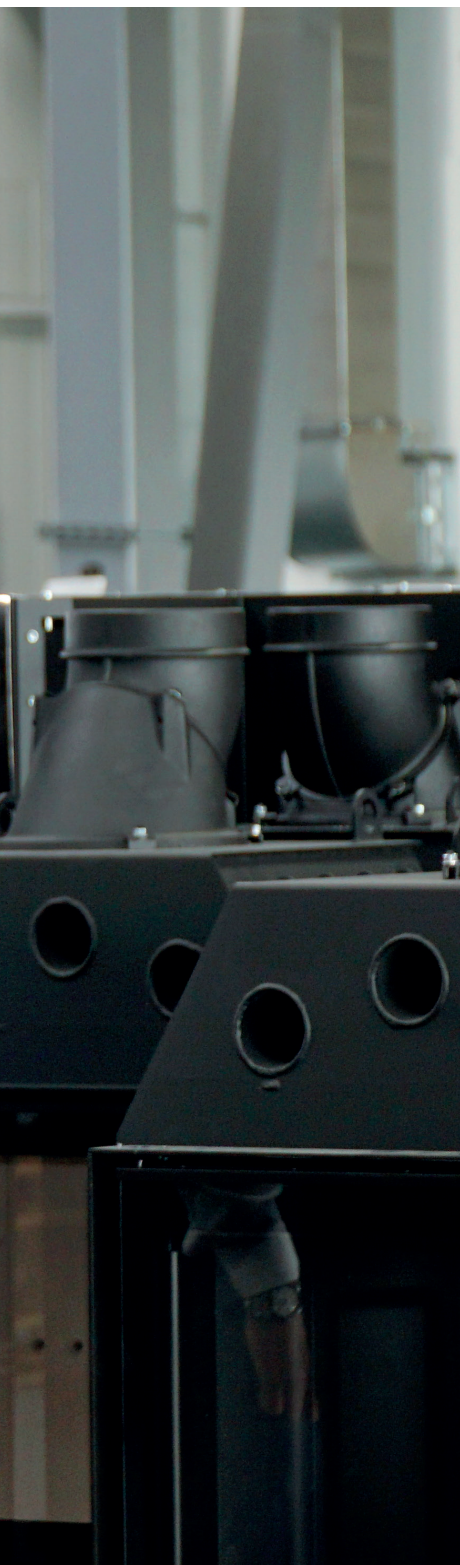
Gas fireplaces



**DEFRO**  
home







We ensure high quality and precision of workmanship.  
We take care to ensure that our products are environmentally friendly.

Modern design and long experience in production of heating equipment is a warranty of satisfaction for years to come.

Robert and Hubert Dziubeła  
Management Board of Defro Home







# Experience, which obliges

DEFRO sp. z o.o. sp. k. is a company with family traditions and decades of experience in processing of steel components. Currently, is an unparalleled Polish brand offering products across Europe. We are one of the biggest employers in the region, who not only manufactures the equipment, but also has own laboratory and design office. Modern equipment resources with huge storage facilities is one of the successes of the company. DEFRO equipment not only achieves the highest quality and safety, but also meets the restrictive ecological standards.

To meet the market expectations of the Customers, DEFRO launched another stage of development in 2018. The offer of our company has been extended by air fireplace inserts, inserts with water jacket and standalone stoves fired with wood and pellet. A new brand has been created - Defro Home, which is enthusiastically and successfully developing. 2021 is another milestone in development of our company - we are proud to introduce a new line of technologically advanced gas fireplaces from Vital series.

Currently, DEFRO includes the following brands:

- Defro Air
- Defro Garden
- Defro Heating Technology
- Defro Home











# Defro Home Vital is a fireplace for you

Defro Home Vital is not only a source of heat at home.

It allows you to feel the power of hearth and home and your living room will be cosy and modern. Our device is an ideal method to enjoy beautiful play of flames - just press a remote control and be delighted with exceptional atmosphere in a blink of an eye.

We make no compromises when it comes to development of our equipment - our products prove that timeless design, utility values and simplicity of operation can go together with environmentally friendly solutions.

## 1. Natural fire effect

An innovative burner with dedicated ceramic chunks creates almost the same flame as in the fireplace fired with wood. Ceramics, with a natural colour of burning wood is cascaded in the insert what results in high and spatial flame. The whole ensures exceptional and realistic impression of fire.

## 2. Safety

The technologies used and numerous safety sensors monitors operation of a fireplace and shutdown the equipment if there are any faults.

## 3. Convenience

Pleasure and comfort of use close at hand. The controller, in a form of handy remote control, allows easy control of the gas fireplace insert. Just press a button to switch on or switch off the fireplace insert or control the height of the flame. It is a pure pleasure when you may relax setting the room temperature or duration of fireplace operation earlier.

## 4. Clean combustion

The most technologically advanced solutions optimize the quality of combustion and flue gas exhaust process, ensuring environmentally friendly operation.



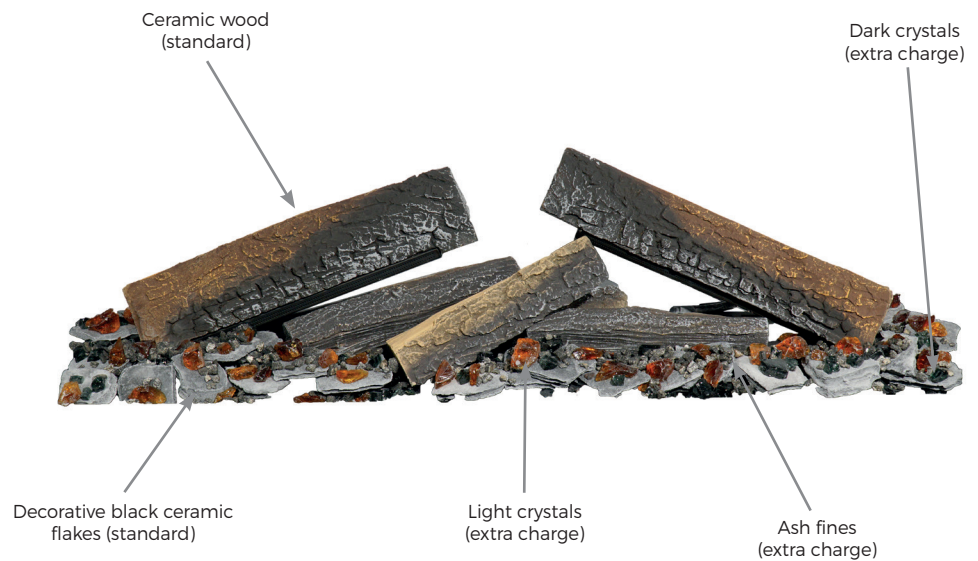




# Choose your favourite type of fire

You can create your Defro Home Vital fireplace by oneself, many variants and models make that it will fit any room. Its interior is the most important item, which you note not only when the flame is burning. Optional items for decoration of the furnace affect its visual appearance, and black glass ceramics may improve clarity of the flame. In Defro Home Vital furnace, everyone will find your own, individual version of the fireplace.

## Furnace lining



## Glazings



## Glass sheets



Standard glass sheet (standard)



Anti-reflective glass sheet (option)

## Rear wall



Flat interior (standard)



Black ceramic glass (option)







# Gas fireplace inserts

Defro Home Vital gas fireplace ensure exceptional, realistic impression of fire and with dedicated chunks, it creates almost the same furnace as in the fireplace fired with wood. Ceramics is cascaded in the insert, what results in high and spatial flame. Controlled by a remote control offers the most technologically advanced solutions ensuring safety and comfort of use.

Defro Home Vital S fireplaces are models with 70 cm glazing and wide range of versions and finishing to ideally suit any interior.

## Division of gas inserts from the Defro Home Vital series:

- Inserts with straight glass (Defro Home Vital 37 S / Vital 51 S)
- Inserts with side glass right (Defro Home Vital 37 S BP / Vital 51 S BP)
- Inserts with side glass left (Defro Home Vital 37 S BL / Vital 51 S BL)
- Three-glass inserts type "C" (Defro Home Vital 37 S C / Vital 51 S C)
- Inserts with double-sided vision of fire (Defro Home Vital 37 S T / Vital 51 S T)

## Advantages of Vital:

- housing made of stainless steel
- burner in 3D technology, entirely made of high-grade stainless steel
- design made of steel of thickness up to 5 mm
- dedicated, manually painted ceramic chunks
- availability of extensive range of accessories and finishing options
- gas automation systems manufactured by a renowned German brand
- simple and intuitive operation using remote control
- parental lock
- adjustment of flame height
- control of flame loss
- certified components

## Assembly facilitations for Vital:

- wide mounting frame
- patented glass assembly and disassembly system
- handles for anchoring of insert
- wide range of height and levelling adjustment
- option to change the position of automation systems: right / left
- instruction for laying of ceramic chunks







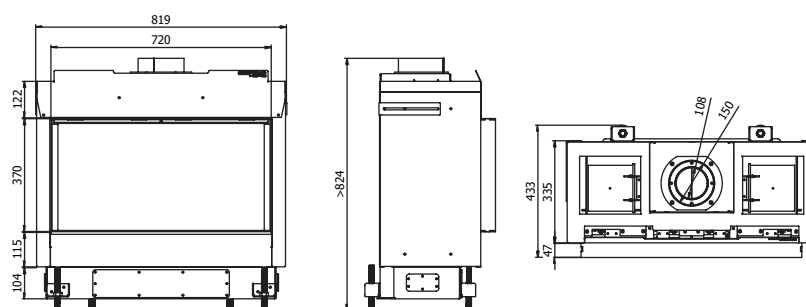
# Defro Home Vital 37 S / Vital 51 S



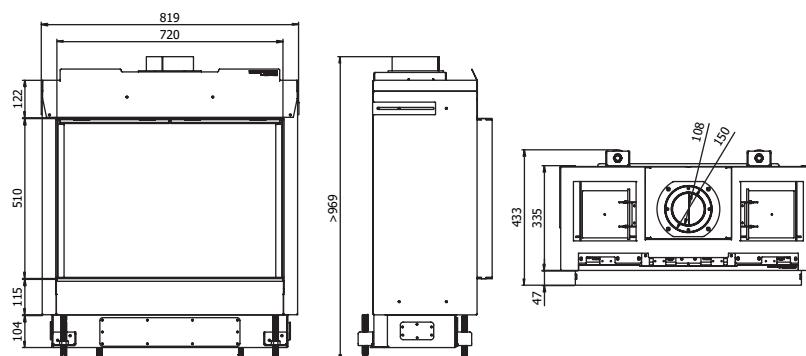
## Technical data

parameter	j.m.	reference gas				
		G20	G27	G.2.350	3P	3B/P
Nominal power	kW	6,0			5,5	
Rated maximum heat load acc. to Hi, $Q_{\text{znom(max)}}$	kW	6,0	6,0	6,0	5,5	5,5
Rated minimum heat load acc. to Hi, $Q_{\text{znom(min)}}$	kW	3,6	3,6	3,6	3,3	3,3
Nominal connection pressure, $p_{\text{nom}}$	mbar	20	20	13	29 / 37 / 50	29 / 37 / 50
Minimum connection pressure, $p_{\text{nom}}$	mbar	17	16	10	25 / 25 / 42,5	25 / 25 / 42,5
Maximum connection pressure, $p_{\text{nom}}$	mbar	25	23	16	35 / 45 / 57,5	35 / 45 / 57,5
Equipment efficiency class	-	1	2	2	1	1
Energy efficiency class	-	B				
EEl	-	82				
Diameter of nozzle openings in control burner	mm	2,0	2,4	3,5	1,45	1,35
Gas control valve	-	CV 60				
Weight	kg	37 S - 101 kg / 51 S - 113 kg				

## Dimensions of Defro Home Vital 37 S



## Dimensions of Defro Home Vital 51 S







Na wizualizacji: Defro Home Vital 37 S BP



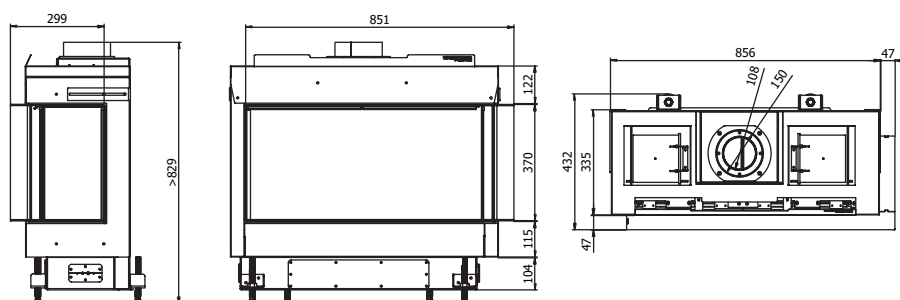
# Defro Home Vital 37 S BP / Vital 51 S BP



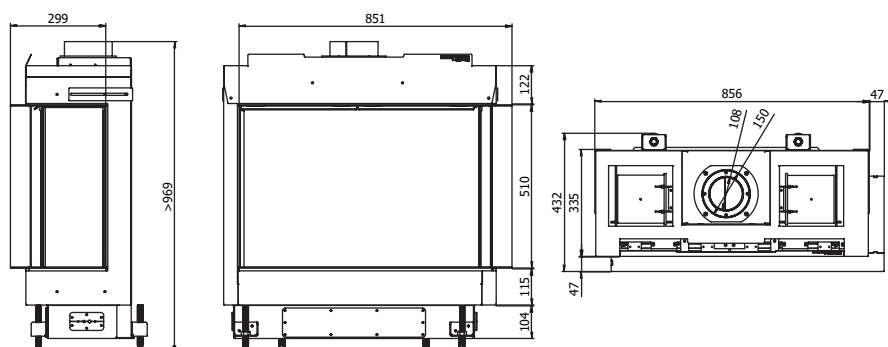
## Technical data

parameter	j.m.	reference gas				
		G20	G27	G.2.350	3P	3B/P
Nominal power	kW	6,0			5,5	
Rated maximum heat load acc. to Hi, $Q_{znom(max)}$	kW	6,0	6,0	6,0	5,5	5,5
Rated minimum heat load acc. to Hi, $Q_{znom(min)}$	kW	3,6	3,6	3,6	3,3	3,3
Nominal connection pressure, $p_{nom}$	mbar	20	20	13	29 / 37 / 50	29 / 37 / 50
Minimum connection pressure, $p_{min}$	mbar	17	16	10	25 / 25 / 42,5	25 / 25 / 42,5
Maximum connection pressure, $p_{max}$	mbar	25	23	16	35 / 45 / 57,5	35 / 45 / 57,5
Equipment efficiency class	-	1	2	2	1	1
Energy efficiency class	-	B				
EEl	-	82				
Diameter of nozzle openings in control burner	mm	2,0	2,4	3,5	1,45	1,35
Gas control valve	-	CV 60				
Weight	kg	37 S BP - 101 kg / 51 S BP - 113 kg				

## Dimensions of Defro Home Vital 37 S BP



## Dimensions of Defro Home Vital 51 S BP







Na wizualizacji: Defro Home Vital 51 S BL



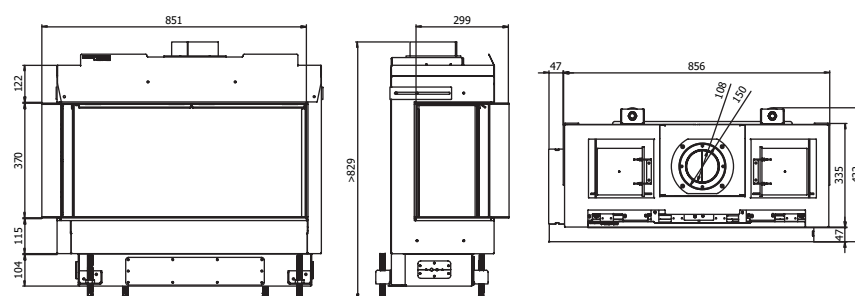
# Defro Home Vital 37 S BL / Vital 51 S BL



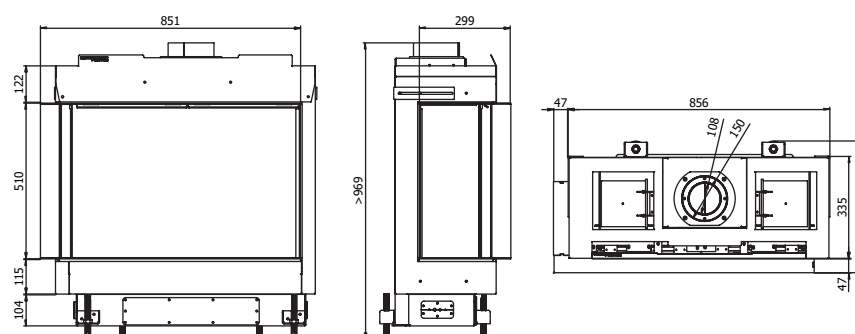
## Technical data

parameter	j.m.	reference gas				
		G20	G27	G.2.350	3P	3B/P
Nominal power	kW	6,0			5,5	
Rated maximum heat load acc. to Hi, $Q_{znom(max)}$	kW	6,0	6,0	6,0	5,5	5,5
Rated minimum heat load acc. to Hi, $Q_{znom(min)}$	kW	3,6	3,6	3,6	3,3	3,3
Nominal connection pressure, $p_{nom}$	mbar	20	20	13	29 / 37 / 50	29 / 37 / 50
Minimum connection pressure, $p_{nom}$	mbar	17	16	10	25 / 25 / 42,5	25 / 25 / 42,5
Maximum connection pressure, $p_{nom}$	mbar	25	23	16	35 / 45 / 57,5	35 / 45 / 57,5
Equipment efficiency class	-	1	2	2	1	1
Energy efficiency class	-	B				
EI	-	82				
Diameter of nozzle openings in control burner	mm	2,0	2,4	3,5	1,45	1,35
Gas control valve	-	CV 60				
Weight	kg	37 S BL - 101 kg / 51 S BL - 113 kg				

## Dimensions of Defro Home Vital 37 S BL



## Dimensions of Defro Home Vital 51 S BL





Na wizualizacji: Defro Home Vital 37 S C



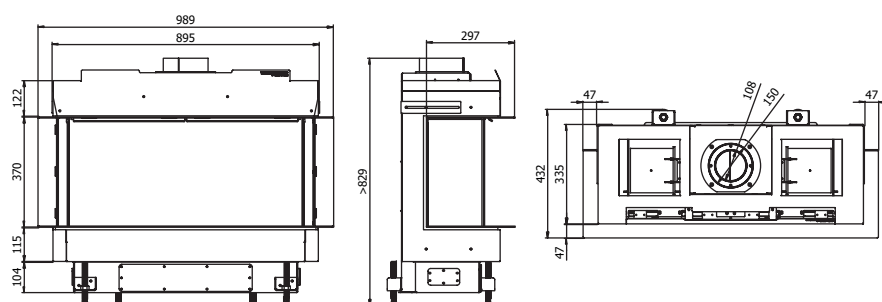
# Defro Home Vital 37 S C / Vital 51 S C



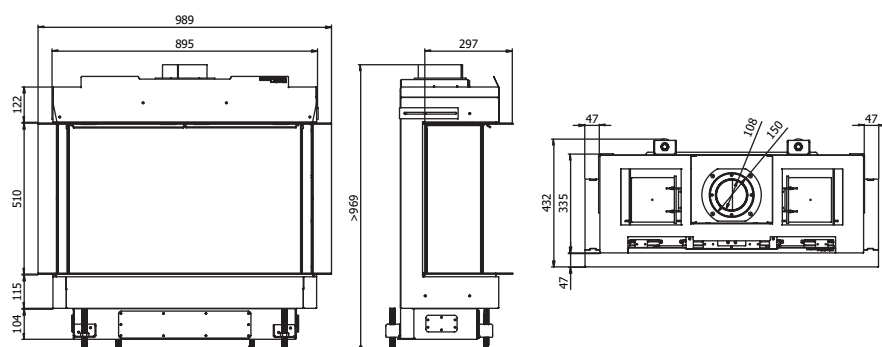
## Technical data

parameter	j.m.	reference gas				
		G20	G27	G.2.350	3P	3B/P
Nominal power	kW	6.0			5.5	
Rated maximum heat load acc. to Hi, $Q_{\text{znm(max)}}$	kW	6,0	6,0	6,0	5,5	5,5
Rated minimum heat load acc. to Hi, $Q_{\text{znm(min)}}$	kW	3,6	3,6	3,6	3,3	3,3
Nominal connection pressure, $p_{\text{nom}}$	mbar	20	20	13	29 / 37 / 50	29 / 37 / 50
Minimum connection pressure, $p_{\text{nom}}$	mbar	17	16	10	25 / 25 / 42,5	25 / 25 / 42,5
Maximum connection pressure, $p_{\text{nom}}$	mbar	25	23	16	35 / 45 / 57,5	35 / 45 / 57,5
Equipment efficiency class	-	1	2	2	1	1
Energy efficiency class	-	B				
EEl	-	82				
Diameter of nozzle openings in control burner	mm	2,0	2,4	3,5	1,45	1,35
Gas control valve	-	CV 60				
Weight	kg	37 S C - 105 kg / 51 S C - 115 kg				

## Dimensions of Defro Home Vital 37 S C



## Dimensions of Defro Home Vital 51 S C





Na wizualizacji: Defro Home Vital 51 S T



# Defro Home Vital 37 S T / Vital 51 S T

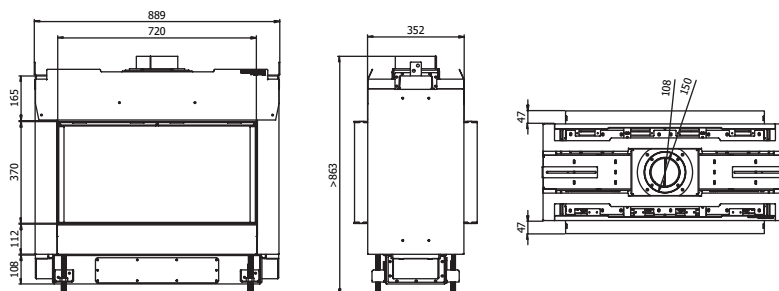
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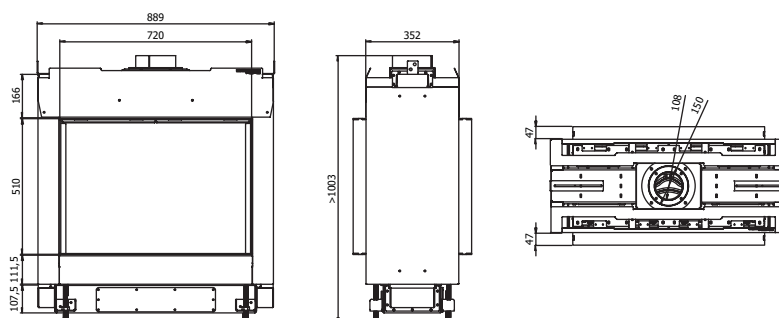
## Technical data

parameter	j.m.	reference gas				
		G20	G27	G.2.350	3P	3B/P
Nominal power	kW	6,0			5,5	
Rated maximum heat load acc. to Hi. $Q_{2\text{nam(max)}}$	kW	6,0	6,0	6,0	5,5	5,5
Rated minimum heat load acc. to Hi. $Q_{2\text{nam(min)}}$	kW	3,6	3,6	3,6	3,3	3,3
Nominal connection pressure, $p_{\text{nom}}$	mbar	20	20	13	29 / 37 / 50	29 / 37 / 50
Minimum connection pressure, $p_{\text{nom}}$	mbar	17	16	10	25 / 25 / 42,5	25 / 25 / 42,5
Maximum connection pressure, $p_{\text{nom}}$	mbar	25	23	16	35 / 45 / 57,5	35 / 45 / 57,5
Equipment efficiency class	-	1	2	2	1	1
Energy efficiency class	-	B				
EEl	-	82				
Diameter of nozzle openings in control burner	mm	2,0	2,4	3,5	1,45	1,35
Gas control valve	-	CV 60				
Weight	kg	37 S T - 101 kg / 51 S T - 113 kg				

## Dimensions of Defro Home Vital 37 S T



## Dimensions of Defro Home Vital 51 S T



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