

## Residential Gas Condensing Boiler

### VITODENS 025-W COMBI



Vitodens 025-W		Gas condensing combi boiler	
Part number		7098278	7098279
<b>Rated heat output</b>			
50/30°C	kW	21.2	25
80/60°C	kW	19.2	22.7
<b>Dimensions</b>			
Depth	mm	300	300
Width	mm	400	400
Length	mm	700	700
<b>Weight</b>	kg	34	34
<b>Flue gas connection</b>	∅ mm	60	60
<b>Ventilation air connection</b>	∅ mm	100	100
<b>DHW output</b>	kW	24	28
<b>DHW flow rate (ΔT 35°C)</b>	l/min	10	12
<b>Energy efficiency class</b>		<A>	<A>

## Residential Gas Condensing Boiler

### VITODENS 050-W COMBI / SYSTEM



Vitodens 050-W		Gas condensing combi and system boiler		
Part number				
Combi boiler		7228601	7228602	7228604
System boiler		7228605	7228606	
<b>Rated heat output</b>				
50/30°C	kW	3.2 - 19.0	3.2 - 25.0	3.2 - 32.0
80/60°C	kW	2.9 - 17.1	2.9 - 22.4	2.9 - 29.3
<b>Continuous DHW output</b>	kW	26.3	30.9	34.4
<b>Dimensions</b>				
Depth	mm	300	300	300
Width	mm	400	400	400
Length	mm	700	700	700
<b>Weight</b>	kg	35	35	37
<b>Flue gas connection</b>	∅ mm	60	60	60
<b>Combustion air connection</b>	∅ mm	100	100	100
<b>DHW flow rate (ΔT 35°C)</b>	l/min	10.2	12.2	14.3
<b>Energy efficiency class</b>		<A>	<A>	<A>
		<A>	<A>	<A>

Vitodens 050-W are tested and approved for natural gas and LPG according to EN 15502.  
No conversion kit required for LPG.  
The Vitodens 050-W combi boiler includes an integral instantaneous water heater for DHW heating.



5 years standard warranty



Pre-commissioned



Easy operation



10 years standard warranty



WiFi inside



Easy operation



Compact dimensions



Stainless steel heat exchanger



Matrix-Plus burner



Compact dimensions



Stainless steel heat exchanger



Matrix-Plus burner with Lambda Pro

## Residential Gas Condensing Boiler

### VITODENS 100-W COMBI / SYSTEM



Vitodens 100-W	Gas condensing system and combi boiler				
<b>Part number</b>					
Combi boiler		7228589	7228590	7228591	
System boiler	7228593	7228594	7228595	7228596	
<b>Rated heat output</b>					
50/30°C	kW	3.2 - 11.0	3.2 - 19.0	3.2 - 25.0	3.2 - 32.0
80/60°C	kW	2.9 - 10.1	2.9 - 17.5	2.9 - 23.0	2.9 - 29.3
<b>Dimensions</b>					
Depth	mm	360	360	360	360
Width	mm	400	400	400	400
Length	mm	700	700	700	700
<b>Weight</b>	kg	33	33	33	33
<b>DHW flow rate (ΔT 35°C)</b>	l/min	-	10	12	14
<b>Continuous DHW output</b>	kW	-	26.3	30	34.4
<b>Flue gas connection</b>	Ø mm	60	60	60	60
<b>Ventilation air connection</b>	Ø mm	100	100	100	100
<b>Energy efficiency class</b>					

The Vitodens 100-W combi boiler includes an instantaneous water heater DHW heating.

## Residential Gas Condensing Boiler

### VITODENS 111-W STORAGE COMBI



Vitodens 111-W	Gas condensing boiler		
<b>Part number</b>			
Storage combi boiler	ZK06239	ZK06240	
<b>Rated heat output</b>			
50/30°C	kW	3.2 - 25.0	3.2 - 32.0
80/60°C	kW	2.9 - 23.0	2.9 - 29.3
<b>Dimensions</b>			
Depth	mm	500	500
Width	mm	600	600
Length	mm	950	950
<b>Weight</b>	kg	68	68
<b>DHW flow rate (ΔT 35°C)</b>	l/min	17.03	18.08
<b>DHW storage capacity</b>	litres	46	46
<b>Continuous DHW output</b>	kW	30.3	33.9
<b>Flue gas connection</b>	Ø mm	60	60
<b>Ventilation air connection</b>	Ø mm	100	100
<b>Energy efficiency class</b>			

Vitodens 100-W/111-W are tested and approved for natural gas and LPG in accordance with EN 15502. For deviating nominal heat output when operating with liquid gas or for use in multiple occupancy, see planning instructions.



12 years standard warranty



WiFi inside



Easy operation



10 years standard warranty



WiFi inside



Easy operation



Compact dimensions



Stainless steel heat exchanger



Matrix-Plus burner with Lambda Pro



Compact dimensions



Stainless steel heat exchanger



Matrix-Plus burner with Lambda Pro

## Residential Gas Condensing Boiler

### VITODENS 200-W SYSTEM / COMBI



Vitodens 200-W		Gas condensing system boiler and combi boiler			
Product type		System boiler	System boiler	System/Combi boiler	System/Combi boiler
<b>Part number</b>		Z020311	Z020312	Z020313	Z020314
<b>Rated heat output</b>					
50/30°C	kW	1.9 - 11.0	1.9 - 19.0	1.9 - 25.0	1.9 - 32.0
80/60°C	kW	1.7 - 10.1	1.7 - 17.4	1.7 - 22.9	1.7 - 29.3
<b>Dimensions</b>					
Depth	mm	360	360	360	360
Width	mm	450	450	450	450
Length	mm	700	700	700	700
<b>Continuous DHW output</b>	kW	-	-	31.5	35.4
<b>Dry weight</b>					
B2HF	kg	33	33	33	33
B2KF	kg	-	-	34.5	34.5
<b>Flue gas connection</b>	Ø mm	60	60	60	60
<b>Ventilation air connection</b>	Ø mm	100	100	100	100
<b>DHW flow rate (ΔT 35°C) B2KF</b>	l/min	-	-	12	14
<b>Energy efficiency class</b>					
	■	<A	<A	<A	<A
	⚡	<A	<A	<A	<A

These products are tested and approved for natural gas and liquid gas according to EN 15502.

## Residential Gas Condensing Boiler

### VITODENS 222-F STORAGE COMBI



Vitodens 222-F		Gas condensing boiler		
Part number		Z020317	Z020318	Z020319
<b>Rated heat output</b>				
50/30°C	kW	1.9 - 19.0	1.9 - 25.0	1.9 - 32.0
80/60°C	kW	1.7 - 17.4	1.7 - 22.9	1.7 - 29.3
<b>Dimensions</b>				
Depth	mm	595	595	595
Width	mm	600	600	600
Length	mm	1400	1400	1400
<b>Dry weight</b>	kg	111.5	111.5	111.5
<b>DHW storage capacity</b>				
DHW cylinder	litres	100	100	100
<b>Continuous DHW output</b>	kW	19.7	26.5	32.5
<b>Flue gas connection</b>	Ø mm	60	60	60
<b>Ventilation air connection</b>	Ø mm	100	100	100
<b>DHW flow rate (ΔT 35°C)</b>	l/min	16.4	19.6	21.6
<b>Energy efficiency class</b>				
	■	<A	<A	<A
	⚡	<A	<A	<A

These products are tested and approved for natural gas and liquid gas according to EN 15502. Hot water output power for domestic hot water heating from 10°C to 45°C.



7 years standard warranty



WiFi inside



Easy operation



10 years standard warranty



WiFi inside



Easy operation



Compact dimensions



Stainless steel heat exchanger



Matrix-Plus burner with Lambda Pro



Compact dimensions



Stainless steel heat exchanger



Matrix-Plus burner with Lambda Pro

## Residential Gas Condensing Boiler

### VITODENS 100-W HEAT ONLY



Vitodens 100-W		Gas condensing boiler					
Part number		7228607	7228608	7228609	7228610	7228611	
Rated heat output	50/30°C	kW	3.2 - 11.0	3.2 - 16.0	3.2 - 19.0	3.2 - 25.0	3.2 - 32.0
	80/60°C	kW	2.9 - 9.9	2.9 - 14.4	2.9 - 17.0	2.9 - 22.5	2.9 - 30.0
<b>Dimensions</b>							
Depth	mm	285	285	285	285	340	
Width	mm	375	375	375	375	375	
Length	mm	600	600	600	600	600	
<b>Weight</b>	kg	23	23	23	23	26	
<b>Flue gas connection</b>	Ø mm	60	60	60	60	60	
<b>Ventilation air connection</b>	Ø mm	100	100	100	100	100	
<b>Energy efficiency class</b>							



12 years standard  
warranty



WiFi inside



Easy operation



Compact dimensions



Stainless steel  
heat exchanger



Matrix-Plus burner  
with Lambda Pro

## Flue Accessories

Product code	Description	Diameter (mm)
7946886	Standard 1m horizontal flue kit (reduced height flue elbow)	60/100
7946888	Flue plume diverter D=60 *Can only be purchased in combination with 7946886	
7946889	Plume management kit - 1m pipe, 2 bends	
7411961	Telescopic flue kit (not suitable for VITODENS 222-F)	60/100
7373230	Vertical flue terminal	60/100
7373223	0.5m flue extension pipe	60/100
7373224	1m flue extension pipe	60/100
7373225	1.95m flue extension pipe	60/100
7667546	2.95m flue extension pipe c/w 3 sets wall bracket	60/100
7373226	87° balanced flue elbow	60/100
7373227	45° flue elbow (pair)	60/100
7176762	Flue mounting clip Ø	100
7337276	Terminal guard to suit standard flue	
7373238	Plume management kit only applicable for flue kit 7441467 & 7411961	60
7373266	Flue bend 45° (pair black)	60
7373267	Flue bend 87°	60
7373268	Plume kit 1 m flue extension	60
7246572	Fixing clamps (1 piece)	60
7452499	Adjustable pitched roof flashing Ø 125 black	60/100
7452500	Adjustable pitched roof flashing Ø 125 red	60/100
7426187	Flat roof flashing Alu D=125 H=250 S	
ZK00028	Chimney flue kit 12.5m / room sealed (for longer lengths please check as may need to upgrade)	60/100
ZK00029	Chimney flue kit 12.5m / open flued (for longer flue lengths upgrade)	60/100
ZK05976	Flue gas backflow protection DN80	
7590109	Open flued water protection cap	
7373240	Flue adaptor increaser (60/100 to 80/125)	60/100 - 80/125
7248207	Flue 60mm flexible pipe 25m roll	
7248206	Flue 60mm flexible pipe standard shaft pack *Above includes support bend, support rail, shaft cover and spacers (5 pieces)	
7190560	60mm flexible pipe spacers (5 pieces)	
7176728	Vent bezel (1 piece)	
7373214	1m x 60mm pipe extension	
7373215	0.5m x 60mm pipe extension	
7248212	Pipe lowering attachment (includes 25m rope)	

Access the spare parts app here



## Light-Commercial Boiler

### VITODENS 200-W



Part number		B2HAI35	B2HAI36
Constant temperature		B2HAI35	B2HAI36
Weather compensated		B2HAI41	B2HAI42
<b>When operating with natural gas</b>			
$T_p/T_R = 50/30^\circ\text{C}$	kW	12.0-49.0	12.0-60.0
$T_p/T_R = 80/60^\circ\text{C}$	kW	10.9-45.0	10.9-55.2
<b>Gas supply pressure</b>			
Natural gas	mbar	17	17
LPG	mbar	32	32
<b>Max. permissible gas supply pressure<sup>1</sup></b>			
Natural gas	mbar	25.0	25.0
LPG	mbar	57.5	57.5
<b>Sound power level (Details to EN ISO 15036-1)</b>			
At partial load	dB(A)	39	39
At rated heating output	dB(A)	58	67
<b>Weight</b>	kg	65	65
<b>Heat exchanger capacity</b>	litres	7.0	7.0
<b>Max. flow temperature</b>	$^\circ\text{C}$	81	81
Max. flow rate	l/h	3500	3500
Limit for the use of hydraulic separation			
<b>Nominal circulation water volume at 80/60<math>^\circ\text{C}</math></b>	l/h	1748	2336
<b>Permiss. operating pressure</b>		bar	4
		MPa	0.4
<b>Dimensions</b>			
Depth	mm	380	380
Width	mm	480	480
Length	mm	850	850



B2HAI37	B2HAI38	B2HAI39	B2HAI40
B2HAI37	B2HAI38	B2HAI39	B2HAI40
B2HAI43	B2HAI44	B2HAI45	B2HAI46
20.0-80.0	20.0-99.0	32.0-120.0	32.0-150.0
18.2-74.1	18.2-90.9	29.1-110.9	29.0-136.0
17	17	17.4	17.4
32	32	32	32
25.0	25.0	25.0	25.0
42.5	42.5	57.5	57.5
39	39	40	40
56	59	54	60
83	83	130	130
12.8	12.8	15.0	15.0
81	81	85	85
5700	5700	7165	8600
3118	3909	4900	5850
4	4	6	6
0.4	0.4	0.6	0.6
530	530	690	690
480	480	600	600
850	850	900	900

Find out more



10 years standard warranty



Compact dimensions



Efficient



Lambda Pro Control Plus combustion controller



Modulating MatriX cylinder burner



10 year warranty option



Durable and efficient



MatriX-Plus burner with Lambda Pro



Energy efficiency class A



Innovative operating concept