

SPARE PARTS EXPLODED VIEW GAS-WALL BOILER ATM. BURNER Model **CLAS X**

R8203475-10 - 07/11/2025

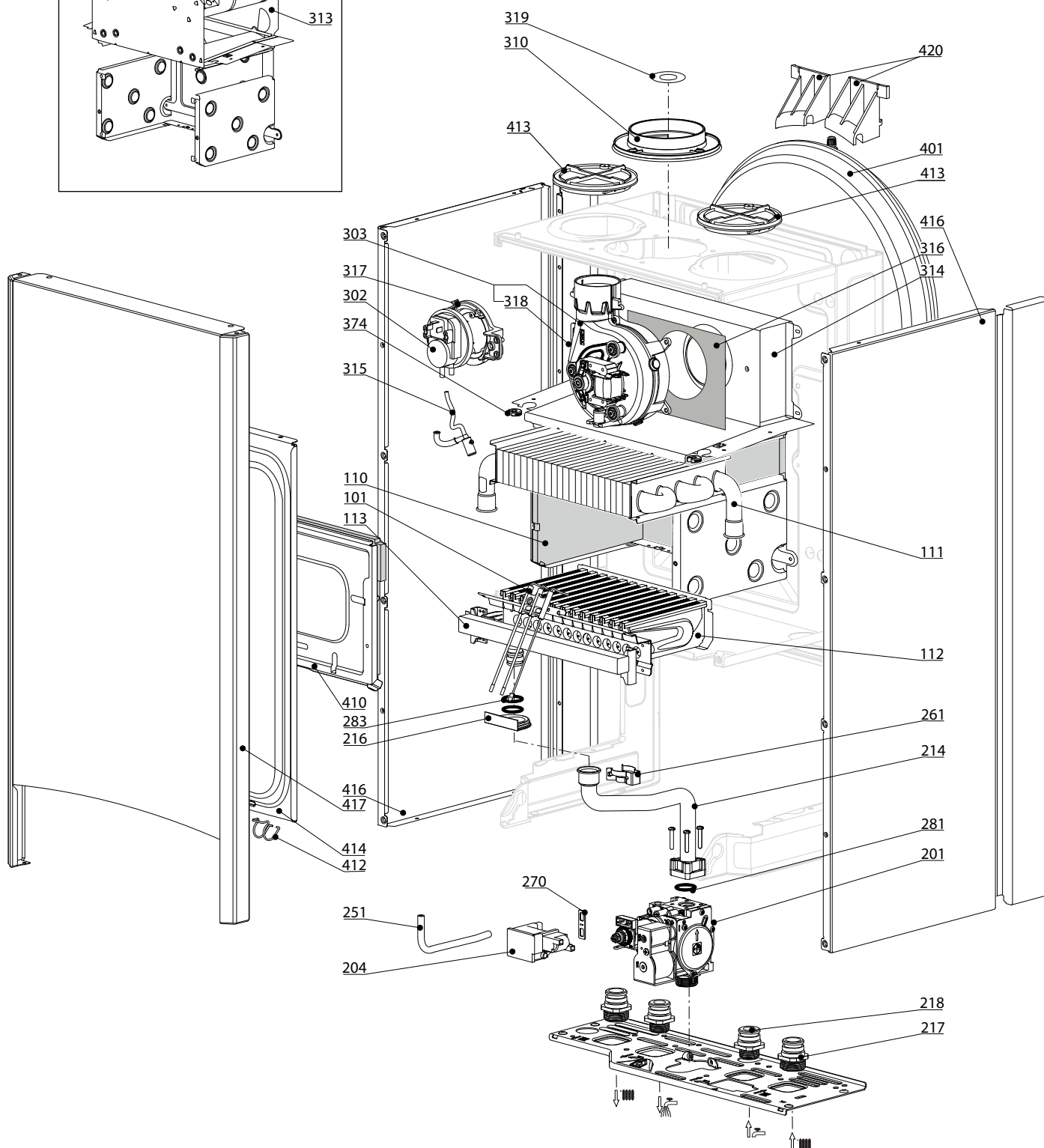
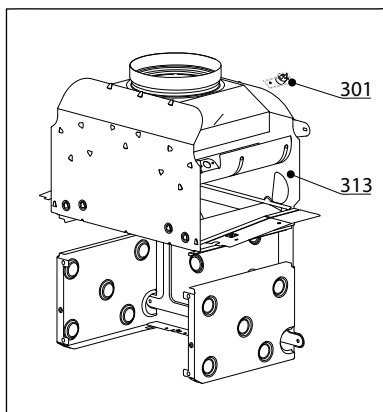
EN **FR** **IT** **ES** **DE** **NL**

CLAS X

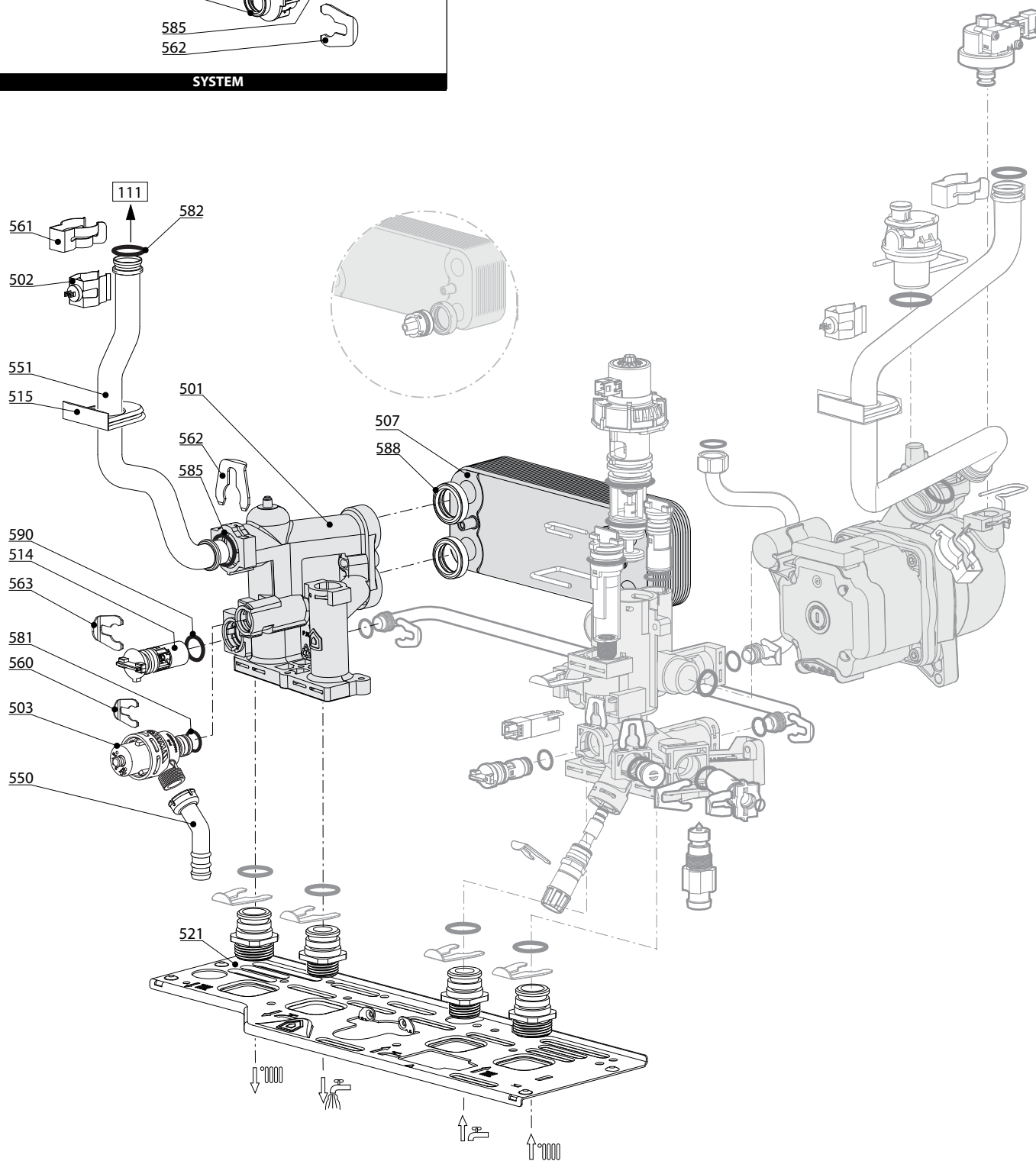
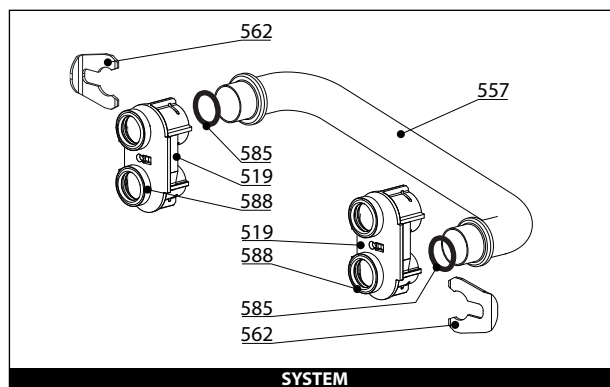
Gas-wall boiler atm. burner

1	3300866	CLAS X 24 CF NG	09-2016	-
2	3300864	CLAS X 24 FF NG	09-2016	06-2021
2	3301335	CLAS X 24 FF NG	09-2018	01-2020
3	3300865	CLAS X 28 FF NG	09-2016	06-2021
3	3301336	CLAS X 28 FF NG	09-2018	01-2020
4	3301320	CLAS X 35 FF NG	09-2018	06-2021
5	3300867	CLAS X SYSTEM 24 CF NG	12-2016	-
6	3300868	CLAS X SYSTEM 28 CF NG	12-2016	-
7	3300869	CLAS X SYSTEM 24 FF NG	12-2016	06-2021
8	3300870	CLAS X SYSTEM 28 FF NG	12-2016	06-2021
9	3300871	CLAS X SYSTEM 32 FF NG	12-2016	-
Col	Reference	Model type	Begin	End

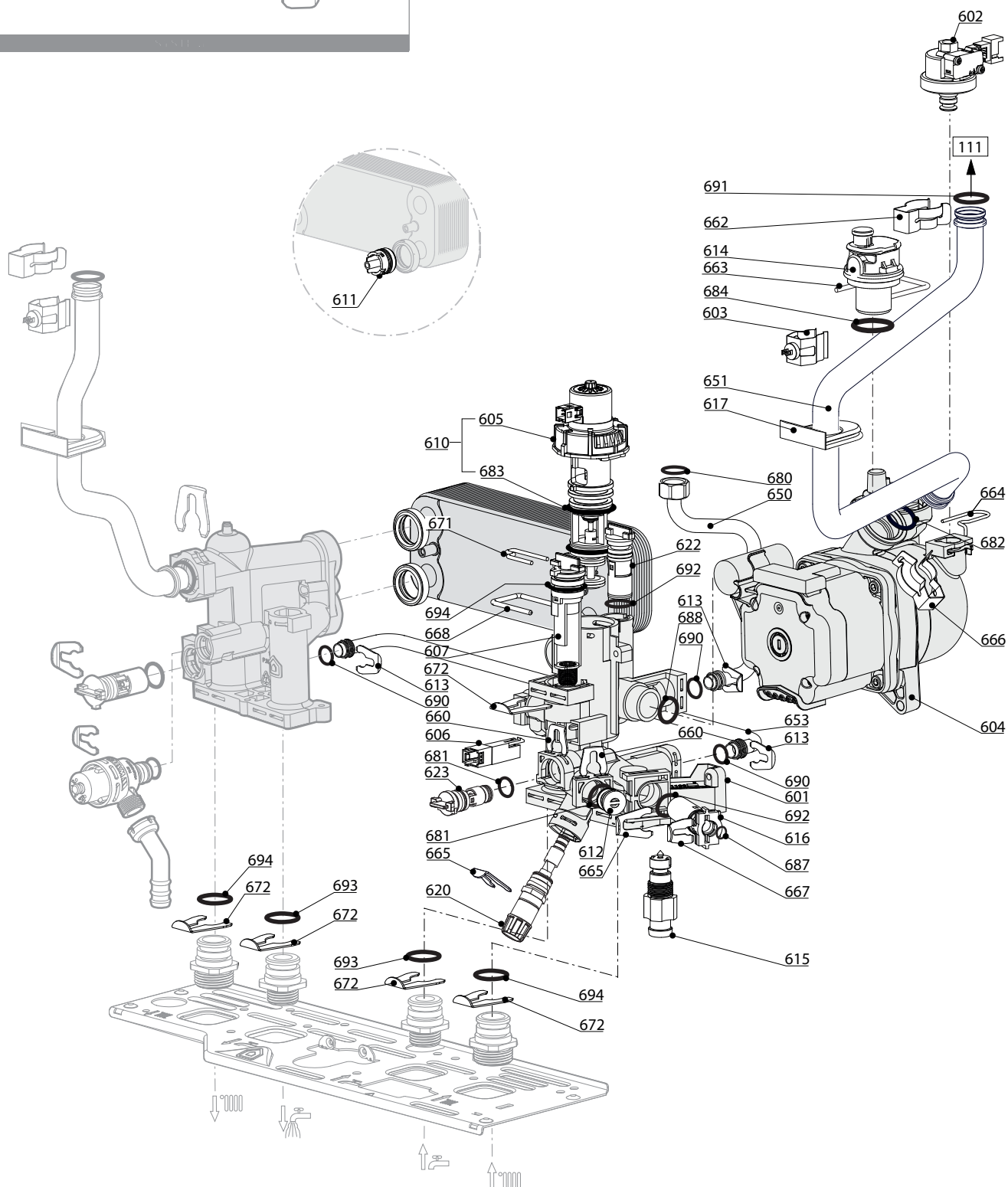
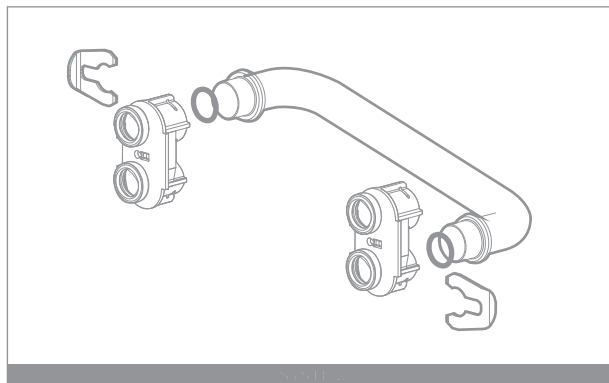
100
200
300
400



	Description	Manf. Pt. N	Type	CLAS X 24 CF CLAS X 24 FF CLAS X 28 FF CLAS X 35 FF CLAS X SYSTEM 24 CF CLAS X SYSTEM 28 CF CLAS X SYSTEM 24 FF CLAS X SYSTEM 28 FF CLAS X SYSTEM 32 FF																		31	
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0100	BURNER ASSEMBLY																						
0101	ELECTRODE (IGNITION/IONIZATION)	65115802		•	•	•	•	•	•	•	•	•											
0110	PANELS (KIT)	65104695		•		•		•				•											
	PANELS (KIT)	65105029					•		•				•										
	PANELS (KIT)	65106298			•					•													
0111	HEAT EXCHANGER (Cu)	65104247		•				•															
	HEAT EXCHANGER (Cu)	65105041					•						•										
	HEAT EXCHANGER (Cu)	65111931							•														
	HEAT EXCHANGER (KIT) Cu 24	65119090			•					•													
	HEAT EXCHANGER (KIT) Cu 28	65119091				•					•												
0112	BURNER 11NP	65106294			•					•													
	BURNER 13NP	60001582		•				•															
	BURNER 13NP	65104220				•						•											
	BURNER 15NP	65105027							•														
	BURNER 16NP	60001596					•						•										
0113	GAS MANIFOLD 11 INJ. D:1.32	65106302	G20		•					•													
	GAS MANIFOLD 13 INJ. D:1.25	65104302	G20	•				•															
	GAS MANIFOLD 13 INJ. D:1.32	65104226	G20			•						•											
	GAS MANIFOLD 15 INJ. D:1.25	65105026	G20						•														
	GAS MANIFOLD 16 INJ. D:1.32	65105997	G20				•						•										
0200	GAS SECTION																						
0201	GAS VALVE	65115771		•	•	•	•	•	•	•	•	•	•										
0204	SPARK GENERATOR	65115791-01		•	•	•	•	•	•	•	•	•	•										
0214	PIPE (GAS VALVE/BURNER)	65115772		•	•	•	•	•	•	•	•	•	•										
0216	GROMMET	60000624		•	•	•	•	•	•	•	•	•	•										
0217	CH ADAPTER 3/4	65114929		•	•	•	•	•	•	•	•	•	•										
0218	DHW ADAPTER 1/2	65114930		•	•	•	•	•	•	•	•	•	•										
0251	EPDM PIPE	65115773		•	•	•	•	•	•	•	•	•	•										
0261	CLIP	60001861		•	•	•	•	•	•	•	•	•	•										
0270	GASKET (SPARK GENERATOR)	574279		•	•	•	•	•	•	•	•	•	•										
0281	O-RING 22.22X2.62	65104304		•	•	•	•	•	•	•	•	•	•										
0283	O-RING 17.17X1.78	65104303		•	•	•	•	•	•	•	•	•	•										
0300	FAN ASSEMBLY																						
0301	THERMOSTAT 75-65°C	999539		•	•	•	•	•	•	•	•	•	•										
0302	AIR PRESSURE SWITCH 50 Pa	65104671-01			•						•												
	AIR PRESSURE SWITCH 74 Pa	65104672-01				•	•					•	•										
0303	FAN - 32W - 24KW – VETURI 27,9	65121235			•						•												
	FAN 28-32 KW	65115814				•						•	•										
	FAN 32-35 KW	65115815					•																
0310	AIR CONNECTION	65115914			•	•	•	•			•	•	•										
0313	COMBUSTION CHAMBER 24 CF	65104218		•				•															
	COMBUSTION CHAMBER 28 CF	65105028							•														
0314	COMBUSTION CHAMBER 24 FF	65115800			•						•												
	COMBUSTION CHAMBER 28 FF	65115799				•						•											
	COMBUSTION CHAMBER 32/35 FF	65115798					•						•										
0315	CONDENSATE TRAP	65105349			•	•	•				•	•	•										
0316	PANEL (INSULATION - FAN)	65104305			•	•	•				•	•	•										
0317	SUPPORT (AIR PRESSURE SWITCH)	65115812			•	•	•				•	•	•										
0318	VENTURI 15/24FF	65106516			•						•												
	VENTURI 28/32FF	65118171				•						•	•										
	VENTURI 32/35FF	65118172					•																
0319	RESTRICTOR KIT	60001598		•	•	•	•	•	•	•	•	•	•										
0374	CABLE INLET RUBBER WASHER	60000716		•	•	•	•	•	•	•	•	•	•										
0400	SEALED CASE																						
0401	EXPANSION VESSEL 8L	65104261		•	•	•	•	•	•	•	•	•	•										
0410	PANEL (COMBUSTION CHAMBER)	60003448		•		•		•				•											
	PANEL (COMBUSTION CHAMBER)	65105033				•		•					•										
	PANEL (COMBUSTION CHAMBER)	65106296			•						•												
0412	SPRING FRONT PANEL (KIT)	65107048		•	•	•	•	•	•	•	•	•	•										
0413	AIR RETURN COVER	65104249		•				•															
0414	PANEL (FRONT - SEALED CHAMBER)	65105678-02			•	•					•	•											
	PANEL (FRONT - SEALED CHAMBER)	65105679-02					•						•										
0416	SIDE PANELS LEFT + RIGHT - WHITE	65115804		•	•	•	•	•	•	•	•	•	•										
0417	CASE PANEL (FRONT)	65115807					•			•			•										
	CASE PANEL (FRONT)	65115808-01		•	•	•		•			•	•											
0420	EXPANSION VESSEL SUPPORT	65104696		•	•	•	•	•	•	•	•	•	•										



Gas-wall boiler atm. burner



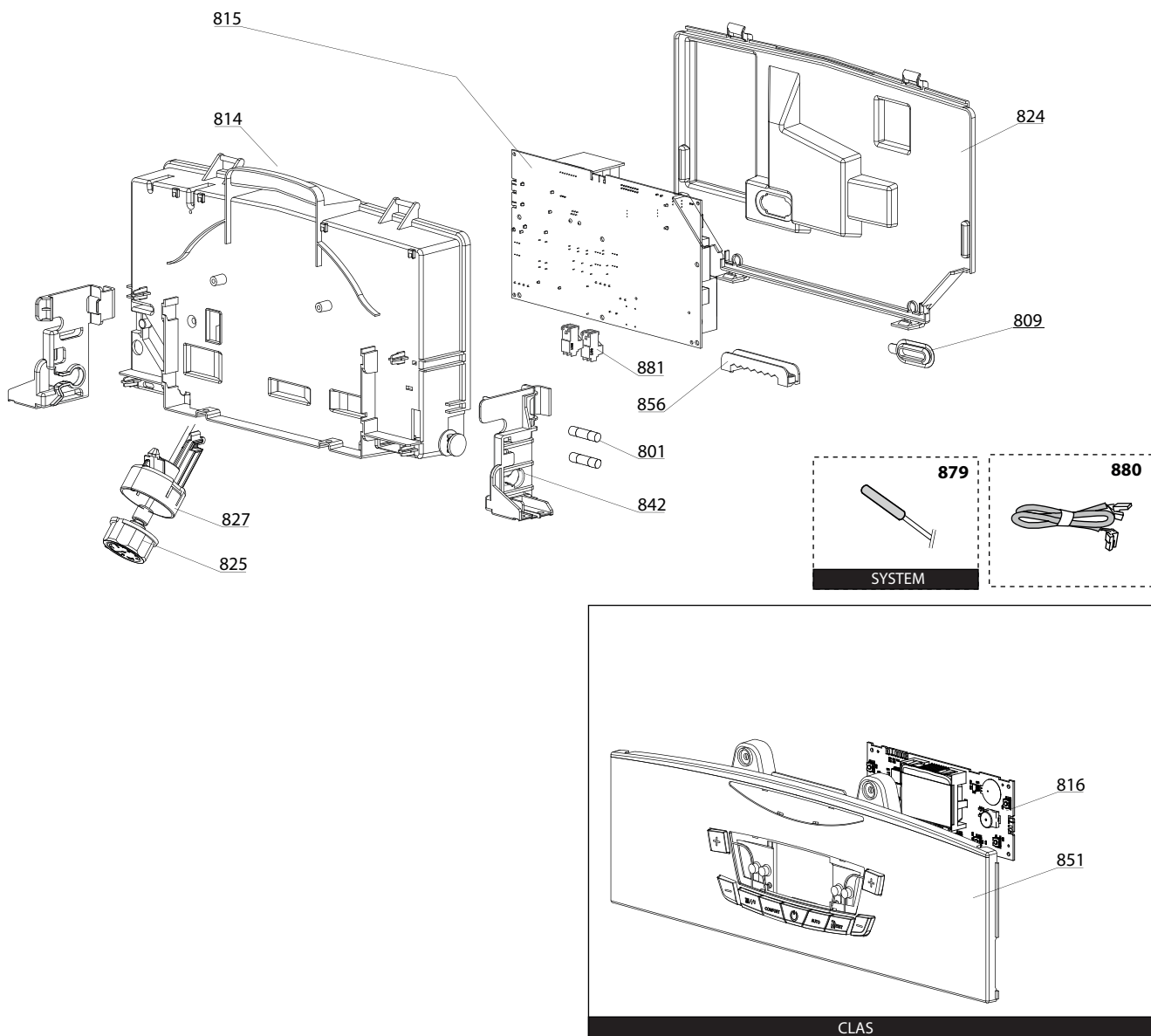
		Description	Manf. Pt. N	Type	CLAS X 24 CF CLAS X 24 FF CLAS X 28 FF CLAS X 35 FF CLAS X SYSTEM 24 CF CLAS X SYSTEM 28 CF CLAS X SYSTEM 24 FF CLAS X SYSTEM 28 FF																		31	
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0600	RETURN GROUP																							
0601	RETURN GROUP	65119772-01																						
	RETURN GROUP	65120137																				05/18		
	RETURN GROUP GF150	65119770-01																		06/18				
0602	LOW PRESSURE SWITCH	65115792																						
0603	TEMPERATURE PROBE + CLIP	990686-01																						
0604	PUMP 5M 2V WILO	65104319-02																						
	PUMP 5M 2V WILO	65104319-02	WILO																			02/25		
	PUMP SHINHOO 6M	6501145500	SHINHOO																	03/25				
0605	MOTOR (3-WAY VALVE)	65114936																						
0606	SENSOR (REED)	65114921-01																						
0607	FLOW METER	65114919																						
0610	MOTOR + SPRING 3 WAY VALVE KIT	65114924																						
0611	RIDUCTORS (KIT)	65116836																						
0612	PLUG	65114920																						
0613	CLIP D:10	65104260																						
0614	AUTO AIR VENT	65154043	SHINHOO																	03/25				
	AUTO AIR VENT WILO	65104703	WILO																			02/25		
	AUTO AIR VENT WILO	65104703	WILO																					
0615	DRAIN COCK	65114922																						
0616	WATER FILTER	65114923																						
0617	GROMMET	60000807																						
0620	FILLING TAP KIT	65119771																						
0622	BY-PASS	65114917																						
0623	CHECK VALVE CARTRIDGE	65114918-01																						
0650	PIPE (EXPANSION VESSEL)	65115068																						
0651	PIPE (C.H. RETURN - AL)	65115069	NOTA 2																					
	PIPE (C.H. RETURN - AL)	65115768	NOTA 2																					
	PIPE (C.H. RETURN - Cu)	65115769																						
	PIPE (C.H. RETURN - Cu)	65115770																						
	PIPE (C.H. RETURN - Cu)	65115767	NOTA 1																					
	PIPE (C.H. RETURN - Cu)	65115916	NOTA 1																					
	PIPE (C.H. RETURN - Cu)	65115928	NOTA 1																					
0653	BY-PASS PIPE	65122275																				05/18		
	BY-PASS PIPE	65122275																						
0660	CLIP D:10	65114933																						
0662	CLIP	61307589																						
0663	U-CLIP	65104704																						
	U-CLIP	65154044	SHINHOO																	03/25				
	U-CLIP	65104704	WILO																			02/25		
0664	CLIP	65104322																						
0665	CLIP D:12	65114932																						
0666	CLIP	60000309																						
0667	CLIP D:6	65100680																						
0668	CLIP	65114927																						
0671	CLIP	65114926																						
0672	CLIP D:19	65114931																						
0680	GASKET 3/8 in	573521																						
0681	O-RING 9.9X2.62	65114937																						
0682	O-RING 17.04X3.53	65104262																						
0683	O-RING 23.47X2.62	65114939																						
0684	O-RING	65154045	SHINHOO																	03/25				
	O-RING 3X35 EPDM 75 SH	65104705																						
	O-RING 3X35 EPDM 75 SH	65104705	WILO																			02/25		
0687	O-RING 5.7X1.9	61009834-10																						
0688	O-RING 21.89X2.62	65104320																						
0690	O-RING 8.9X2.7	61009834-14																						
0691	O-RING 17.5X2.8 70SHA	6501246300																						
0692	O-RING 11.91X2.62	65114940																						
0693	O-RING 15.88X2.62	65114941																						
0694	O-RING 17.13X2.62	65114938																						

Note 1: For appliances with main exchanger in copper. - Note 2: For appliances with main exchanger in aluminium.

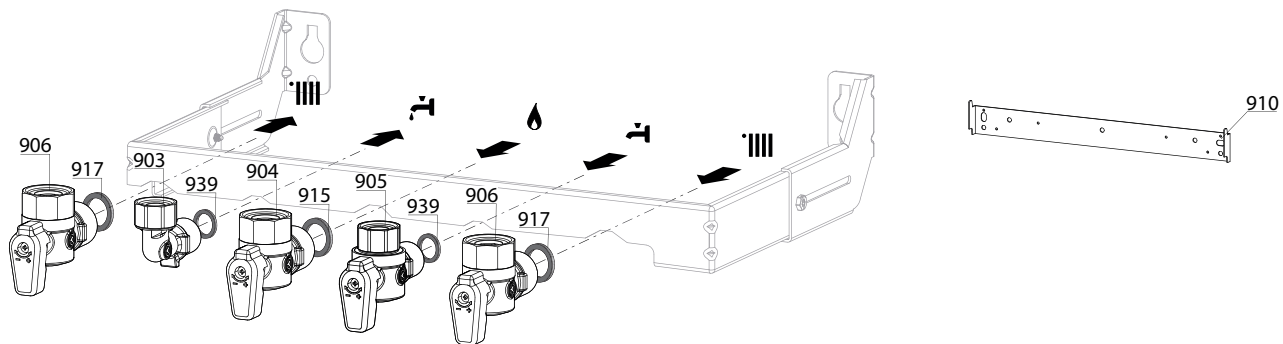
CLAS X

Gas-wall boiler atm. burner

800



900



5000

5001
Transf. gaz
Conv. gas
Trasf. gas
Transf. gas
> G31
(LPG - GPL)

5002
Transf. gaz
Conv. gas
Trasf. gas
Transf. gas
> G20
(NAT - MET)

Accessories 5020
Options
Opzioni
Accessorio
Zubehör
Opties

	Description	Manf. Pt. N	Type	CLAS X 24 CF CLAS X 24 FF CLAS X 28 FF CLAS X 35 FF CLAS X SYSTEM 24 CF CLAS X SYSTEM 28 CF CLAS X SYSTEM 24 FF CLAS X SYSTEM 28 FF CLAS X SYSTEM 32 FF																		31	
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0800	ELECTRICAL BOX																						
0801	FUSE 5X20 RIT.2 A 250V	65112137		•	•	•	•	•	•	•	•	•	•										
0809	GROMMET(PCD TOOL ACCESS)	998382		•	•	•	•	•	•	•	•	•	•										
0814	CONTROL PANEL BASE	64980075		•	•	•	•	•	•	•	•	•	•										
0815	P.C.B. (MAIN)	6500845200		•	•	•	•	•	•	•	•	•	•										
0816	P.C.B. (DISPLAY)	65115776-04		•	•	•	•	•	•	•	•	•	•										
0824	CONTROL PANEL COVER (REAR)	65121563		•	•	•	•	•	•	•	•	•	•										
0825	PRESSURE GAUGE (0-4 BAR)	65114200		•	•	•	•	•	•	•	•	•	•										
0827	SUPPORT (PRESSURE GAUGE)	65115809		•	•	•	•	•	•	•	•	•	•										
0842	SIDE COVER SUPPORT	65115810					•		•				•										
	SIDE COVER SUPPORT	65115811		•	•	•			•			•	•										
0851	FRONT CONTROL PANEL COMPLETE	65115774					•		•				•										
	FRONT CONTROL PANEL COMPLETE	65115775		•	•	•			•			•	•										
0856	CABLE CLAMP	65103377		•	•	•	•		•			•	•										
0879	BOILER THERMISTOR TEMP. SENSOR	65122300							•	•	•	•	•										
0880	3-WAY VALVE CABLE	6501172900		•	•	•	•																
	3-WAY VALVE CABLE	65115937							•	•	•	•	•										
	CABLE (IONIZATION ELECTRODE)	60001883		•	•	•	•		•	•	•	•	•										
	DISPLAY WIRING - 5 WIRES BLUES	60000746		•	•	•	•		•	•	•	•	•										
	EARTH WIRE	65104286		•	•	•	•		•	•	•	•	•										
	FAN CABLE	65121568			•	•	•					•	•	•									
	FEEDER 240V	60001619		•	•	•	•		•	•	•	•	•										
	NTC - PRES SWITCH CABLE	65115787			•	•	•					•	•	•									
	PUMP 2V CABLE 5M WILO	65104520	WILO	•					•	•			•									02/25	
	PUMP 2V CABLE 5M WILO	65104520	WILO		•	•	•					•	•										
	SHINHOO PUMP CABLE HE	6501149000	SHINHOO	•					•	•				•						03/25			
	WIRING (NTC PROB.-FUMES THERM.-MODULAT.)	65115789		•					•	•													
0881	CONNECTOR 2P	65111933		•	•	•	•		•	•	•	•	•										
	CONNECTOR 3P (x5)	65111934-01		•	•	•	•		•	•	•	•	•										
0900	JIG PLATE & PIPE FITTING																						
0903	HOT WATER CONNECTION	60000891		•	•	•	•		•	•	•	•	•										
0904	GAS TAP	65120204		•	•	•	•		•	•	•	•	•										
0905	COLD WATER TAP	60000894		•	•	•	•		•	•	•	•	•										
0906	WATER FLOW & RETURN SERVI. TAP	60000885		•	•	•	•		•	•	•	•	•										
0910	WALL HOOK	60000625		•	•	•	•		•	•	•	•	•										
0915	GAS SERVICE TAP GASKET	65119354		•	•	•	•		•	•	•	•	•										
0917	GASKET D:24-17-1.5	60061855-19		•	•	•	•		•	•	•	•	•										
0939	SHEET GASKET D: 18.4-12.2-1.5	60061855-14		•	•	•	•		•	•	•	•	•										
5000	ACCESSORIES																						
5001	BURNER JET FULL KIT LPG	65104582-01			•	•					•	•											
	BURNER JET FULL KIT LPG	65106690-01		•					•	•													
	BURNER JET FULL KIT LPG	65106695-01					•							•									
5002	BURNER JET FULL KIT NG	65104583-01			•	•	•				•	•	•										
	BURNER JET FULL KIT NG	65106691-01		•					•	•													
5020	RIDUCTORS (KIT)	65116836		•	•	•	•																

LIST OF THE ABBREVIATIONS

HW	: Hot water.
CW	: Cold water.
C	: Ceramic resistance (normal heating).
Ca	: Ceramic resistance (accelerated heating)
TP	: Immersion heater.
1F	: With fittings.
2F	: Without fittings.
3F	: With fittings and another outlet connection.
AMI	: With mixing valve.
SMI	: Without mixing valve.
PUISS	: Power of th appliance.
PN	: Appliance with normal pression.
LP	: Appliance with low pression.
PV	: Appliance with variable power.
PF	: Appliance with fixed power.

IDENTIFICATION PLATE

SERIAL NUMBER

10 Characters :	04 05 125 011	
		Sequential number
		Manufacturing day
		Year of manufacture
11 Characters :	1 95 065004 - 31	
Month of manufacture : from 1 to 9 → Jan. to Sep., O → Oct., N → Nov., D → Dec.		Technical number of the appliance
		Sequential number
		Year of manufacture
19 Characters :	08 05 0013199 900640031	
Year of manufacture		Product reference
Month of manufacture		Sequential number
20 Characters :	3675007 XX 2 07 070 00315	
Product reference		Sequential number
Millenium of manufacture		Manufacturing day
		Year of manufacture
21 Characters :	3675007 XX 07 070 0000315	
Product reference		Sequential number
Year of manufacture		Manufacturing day