Chaffoteaux

SPARE PARTS EXPLODED VIEW
GAS-WALL BOILER ATM. BURNER
Model
PIGMA ULTRA

R8203479-05 - 11/09/2019

EN | FR | IT | ES | DE | NL

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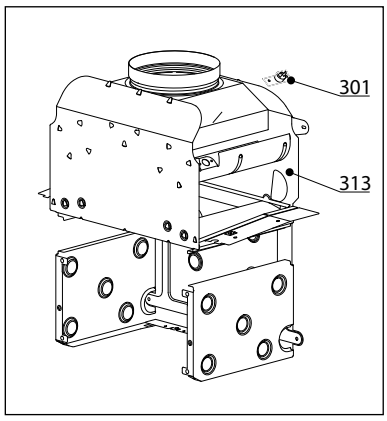
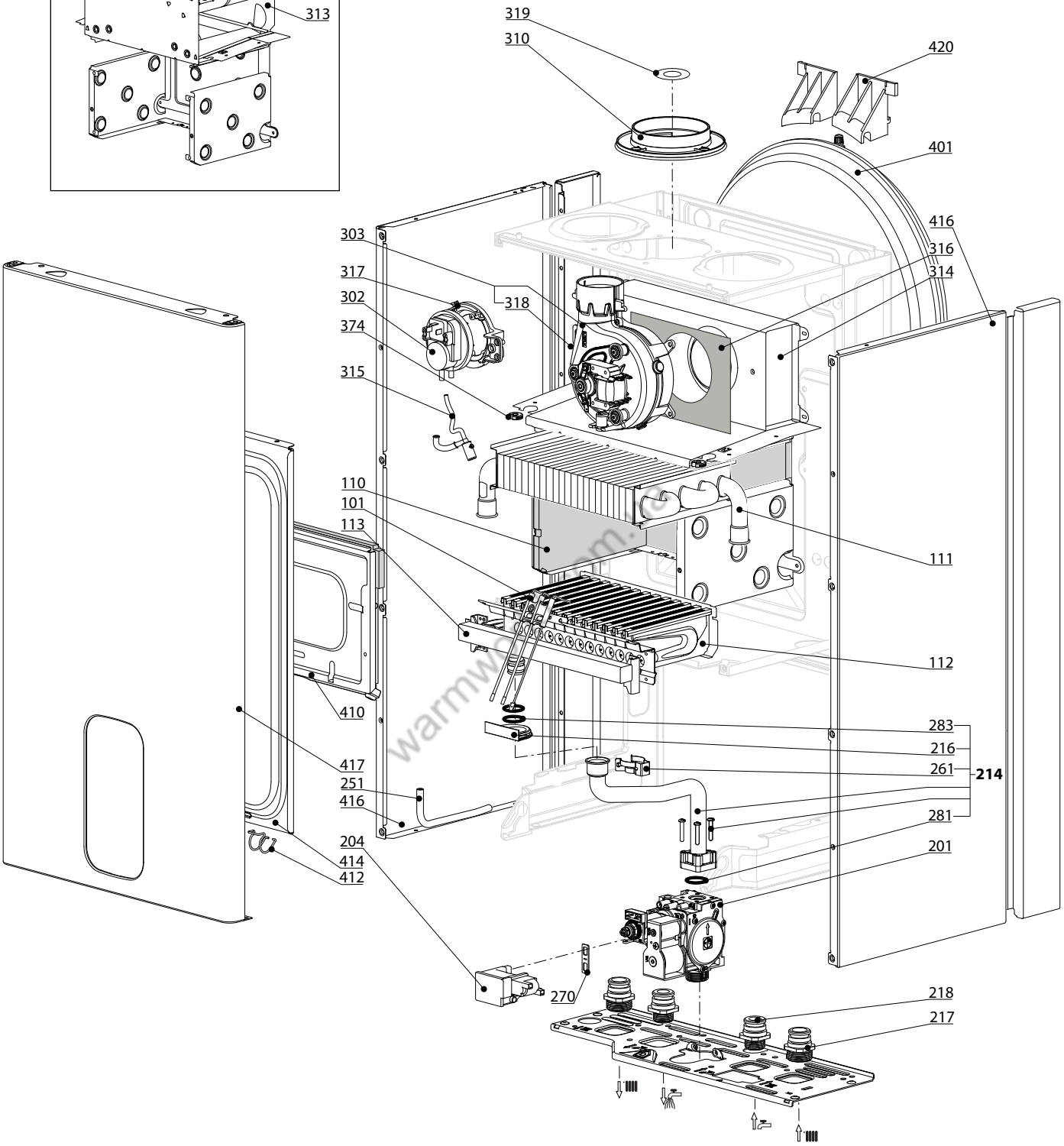
Col	Reference	Model type	Begin	End
1	3310529	PIGMA ULTRA 25 CF NG	04-2017	-
2	3310531	PIGMA ULTRA 30 CF NG	04-2017	-
3	3310530	PIGMA ULTRA 25 FF NG	04-2017	-
4	3310532	PIGMA ULTRA 30 FF NG	04-2017	-
5	3310533	PIGMA ULTRA 35 FF NG	04-2017	-
6	3310534	PIGMA ULTRA SYSTEM 25 CF NG	04-2017	-
7	3310535	PIGMA ULTRA SYSTEM 25 FF NG	04-2017	-
8	3310536	PIGMA ULTRA SYSTEM 30 FF NG	04-2017	-
9	3310537	PIGMA ULTRA SYSTEM 35 FF NG	04-2017	-





warmwaterzentrum.de

	Description	Manf. Pt. N	Type	PIGMA ULTRA 25 CF	PIGMA ULTRA 30 CF	PIGMA ULTRA 25 FF	PIGMA ULTRA 30 FF	PIGMA ULTRA 35 FF	PIGMA ULTRA SYS. 25 CF	PIGMA ULTRA SYS. 25 FF	PIGMA ULTRA SYS. 30 FF	PIGMA ULTRA SYS. 35 FF	From	to
				1	2	3	4	5	6	7	8	9	10 11 12 13 14 15 16 17 18	
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)	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		●	●	●	●	●	●	●	●	●		
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				●	●	●		●	●	●		
0303	FAN 24 KW	65115813				●				●				
	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)	65104240		●			●		●		●			
	PANEL (COMBUSTION CHAMBER)	65105033			●			●				●		
	PANEL (COMBUSTION CHAMBER)	65106296				●				●				
0412	SPRING FRONT PANEL (KIT)	65107048				●	●	●		●	●	●		
0414	PANEL (FRONT - SEALED CHAMBER)	65105678-02				●	●			●	●			
	PANEL (FRONT - SEALED CHAMBER)	65105679-02						●				●		
0416	SIDE PANELS LEFT + RIGHT - WHITE	65115804		●	●	●	●	●	●	●	●	●		
0417	CASE PANEL (FRONT)	60002834		●		●	●		●	●	●			
	CASE PANEL (FRONT)	60002835			●			●				●		
0420	EXPANSION VESSEL SUPPORT	65104696		●	●	●	●	●	●	●	●	●		

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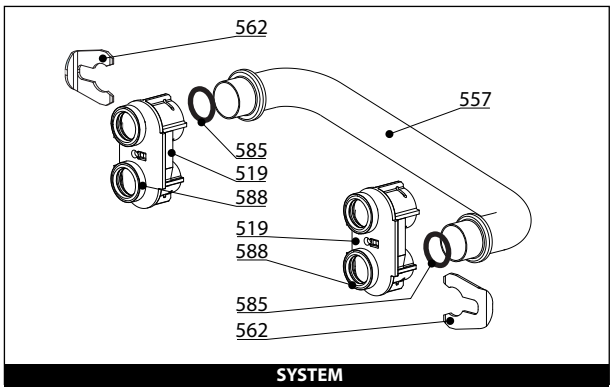
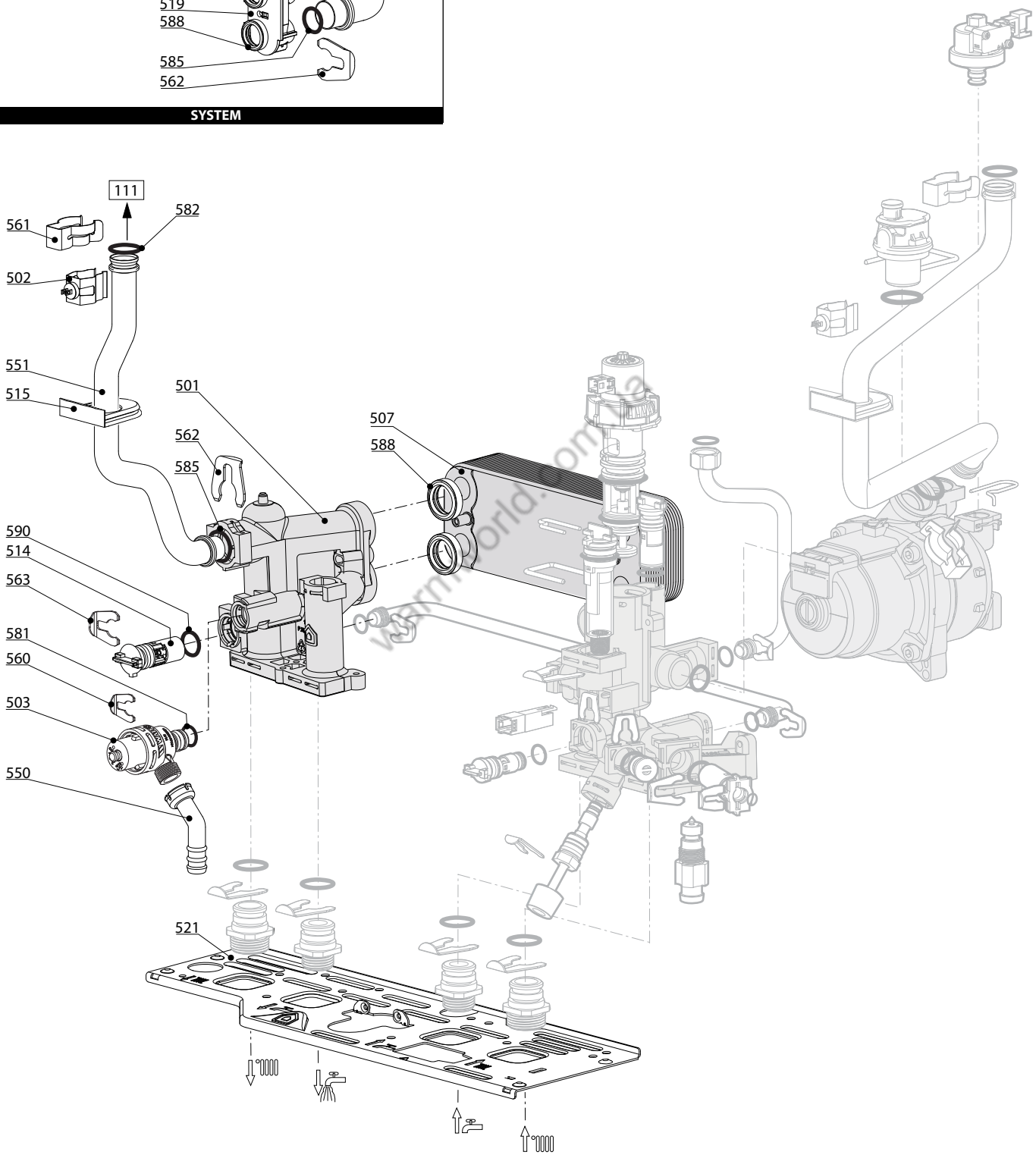


SYSTEM



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	Description	Manf. Pt. N	Type	PIGMA ULTRA 25 CF	PIGMA ULTRA 30 CF	PIGMA ULTRA 25 FF	PIGMA ULTRA 30 FF	PIGMA ULTRA 35 FF	PIGMA ULTRA SYS. 25 CF	PIGMA ULTRA SYS. 25 FF	PIGMA ULTRA SYS. 30 FF	PIGMA ULTRA SYS. 35 FF	31	
				1	2	3	4	5	6	7	8	9	10 11 12 13 14 15 16 17 18	From to
0500	**FLOW GROUP**													
0501	FLOW GROUP	65115933		●	●	●	●	●						05/18
	FLOW GROUP	65115933							●	●	●	●		
	FLOW GROUP	65117952		●	●	●	●	●						06/18
0502	TEMPERATURE PROBE + CLIP	990686-01		●	●	●	●	●	●	●	●	●		
0503	PRESSURE RELIEF VALVE (3 BAR)	61312668		●	●	●	●	●	●	●	●	●		
0507	SANITARY HEAT EXCHANGER (16 P.)	65104333		●	●	●	●	●	●	●	●	●		
0514	BY-PASS	65114917		●	●	●	●	●	●	●	●	●		
0515	GROMMET	60000808		●	●	●	●	●	●	●	●	●		
0519	INTERFACE 'System +' Open	60001365							●	●	●	●		
0521	HYDRAULIC GROUP SUPPORT	65115797		●	●	●	●	●	●	●	●	●		
0550	PIPE (SAFETY VALVE OUTLET)	60001955		●	●	●	●	●	●	●	●	●		
0551	PIPE (C.H. FLOW - AL)	65115067	NOTE 2			●				●				
	PIPE (C.H. FLOW - AL)	65115765	NOTE 2				●				●			
	PIPE (C.H. FLOW - AL)	65119646	NOTE 2					●				●		
	PIPE (C.H. FLOW - CU)	65115763	NOTE 1	●			●		●		●			
	PIPE (C.H. FLOW - CU)	65115764	NOTE 1		●			●				●		
	PIPE (C.H. FLOW - Cu)	65115915	NOTE 1			●				●				
0557	PIPE (D.H.W.RETURN)	65115935							●	●	●	●		
0560	CLIP D:10	65114933		●	●	●	●	●	●	●	●	●		
0561	CLIP	61307589		●	●	●	●	●	●	●	●	●		
0562	CLIP D18	65104259		●	●	●	●	●	●	●	●	●		
0563	CLIP D:12	65114932		●	●	●	●	●	●	●	●	●		
0581	O-RING 17.96X2.62	65104337		●	●	●	●	●	●	●	●	●		
0582	O-RING 17.86X2.62	61308091		●	●	●	●	●	●	●	●	●		
0585	O-RING 17.04X3.53	65104262		●	●	●	●	●	●	●	●	●		
0588	EXCHANGER GASKET	65114928		●	●	●	●	●	●	●	●	●		
0590	O-RING 11.91X2.62	65114940		●	●	●	●	●	●	●	●	●		

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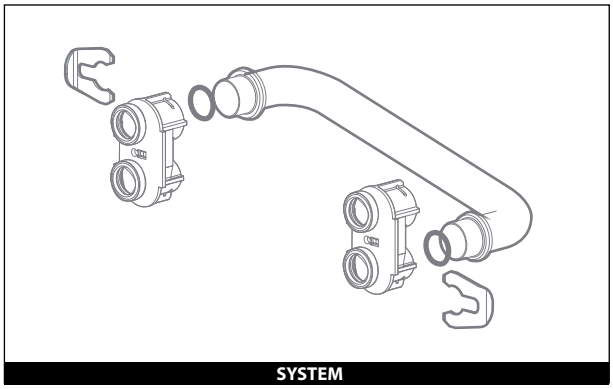
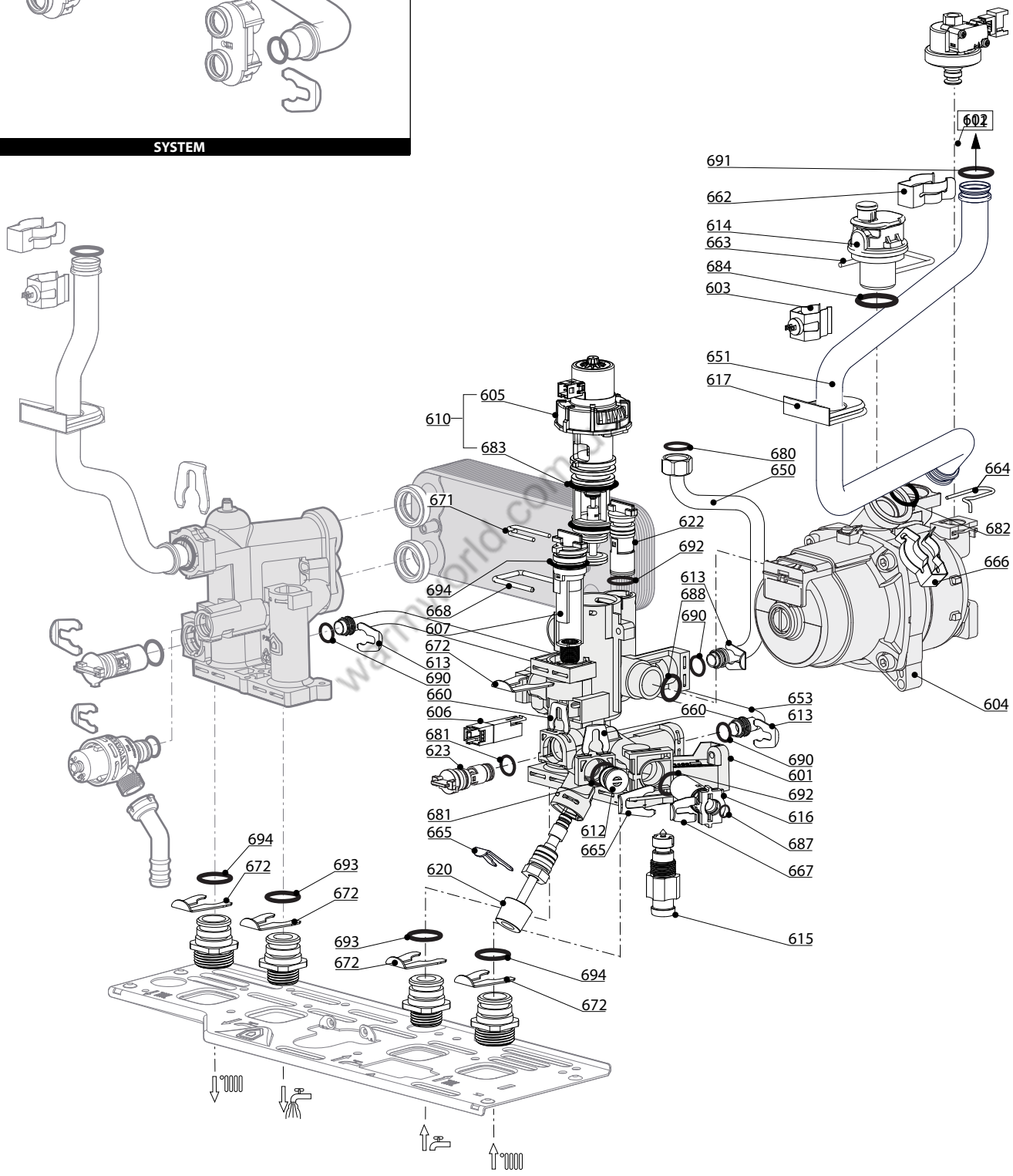
Nota 1: Per apparecchi con scambiatori primari in rame. - Nota 2: Per apparecchi con scambiatori primari in alluminio.



SYSTEM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	Description	Manf. Pt. N	Type	PIGMA ULTRA 25 CF	PIGMA ULTRA 30 CF	PIGMA ULTRA 25 FF	PIGMA ULTRA 30 FF	PIGMA ULTRA 35 FF	PIGMA ULTRA SYS. 25 CF	PIGMA ULTRA SYS. 25 FF	PIGMA ULTRA SYS. 30 FF	PIGMA ULTRA SYS. 35 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	65116540		●	●	●	●	●							05/18
	RETURN GROUP	65116613							●	●	●	●			
	RETURN GROUP	65117953		●	●	●	●	●						06/18	
0602	LOW PRESSURE SWITCH	65115792		●	●	●	●	●	●	●	●	●			
0603	TEMPERATURE PROBE + CLIP	990686-01		●	●	●	●	●	●	●	●	●			
0604	PUMP 5M PWM ENER+	60001947-02	ENER +	●	●	●	●	●	●	●	●	●			
0605	MOTOR (3-WAY VALVE)	65114936		●	●	●	●	●	●	●	●	●			
0606	SENSOR (REED)	65114921-01		●	●	●	●	●							
0607	FLOW METER CAP	65114919		●	●	●	●	●	●	●	●	●			
0610	MOTOR + SPRING 3 WAY VALVE KIT	65114924		●	●	●	●	●	●	●	●	●			
0612	PLUG	65114920		●	●	●	●	●	●	●	●	●			
0613	CLIP D10	65104260		●	●	●	●	●	●	●	●	●			
0614	AUTO AIR VENT - PANASONIC	65116392	PANA.	●	●	●	●	●	●	●	●	●			
	AUTO AIR VENT - TACO ENER+	65112086	ENER+	●	●	●	●	●	●	●	●	●			
0615	DRAIN COCK	65114922		●	●	●	●	●	●	●	●	●			
0616	WATER FILTER	65114923		●	●	●	●	●	●	●	●	●			
0617	GROMMET	60000807		●	●	●	●	●	●	●	●	●			
0620	FILLING TAP KIT	65119463		●	●	●	●	●	●	●	●	●			
0622	BY-PASS	65114917		●	●	●	●	●	●	●	●	●			
0623	NON-RETURN VALVE	65114918		●	●	●	●	●	●	●	●	●			
0650	PIPE (EXPANSION VESSEL)	65115068		●	●	●	●	●	●	●	●	●			
0651	PIPE (C.H. RETURN - AL)	65115069	NOTE 2			●				●					
	PIPE (C.H. RETURN - AL)	65115768	NOTE 2				●				●				
	PIPE (C.H. RETURN - AL)	65119647	NOTE 2					●				●			
	PIPE (C.H. RETURN - CU)	65115767	NOTE 1					●				●			
	PIPE (C.H. RETURN - CU)	65115916	NOTE 1				●				●				
	PIPE (C.H. RETURN - Cu)	65115769	NOTE 1		●										
	PIPE (C.H. RETURN - Cu)	65115770	NOTE 1	●					●						
	PIPE (C.H. RETURN - Cu)	65115928	NOTE 1			●				●					
0653	BY-PASS PIPE	65116210		●	●	●	●	●							05/18
	BY-PASS PIPE	65116210							●	●	●	●			
0660	CLIP D:10	65114933		●	●	●	●	●	●	●	●	●			
0662	CLIP	61307589		●	●	●	●	●	●	●	●	●			
0663	U-CLIP	65104704		●	●	●	●	●	●	●	●	●			
0664	CLIP	65104322		●	●	●	●	●	●	●	●	●			
0665	CLIP D:12	65114932		●	●	●	●	●	●	●	●	●			
0666	CLIP	60000309		●	●	●	●	●	●	●	●	●			
0667	CLIP D:6	65100680		●	●	●	●	●	●	●	●	●			
0668	CLIP	65114927		●	●	●	●	●	●	●	●	●			
0671	CLIP	65114926		●	●	●	●	●	●	●	●	●			
0672	CLIP	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 3X35 EPDM 75 SH	65104705		●	●	●	●	●	●	●	●	●			
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 17.86X2.62	61308091		●	●	●	●	●	●	●	●	●			
0692	O-RING 11.91X2.62	65114940		●	●	●	●	●	●	●	●	●			
0693	O-RING 15,88X2,62	65114941		●	●	●	●	●	●	●	●	●			
0694	O-RING 17.13X2.62	65114938		●	●	●	●	●	●	●	●	●			

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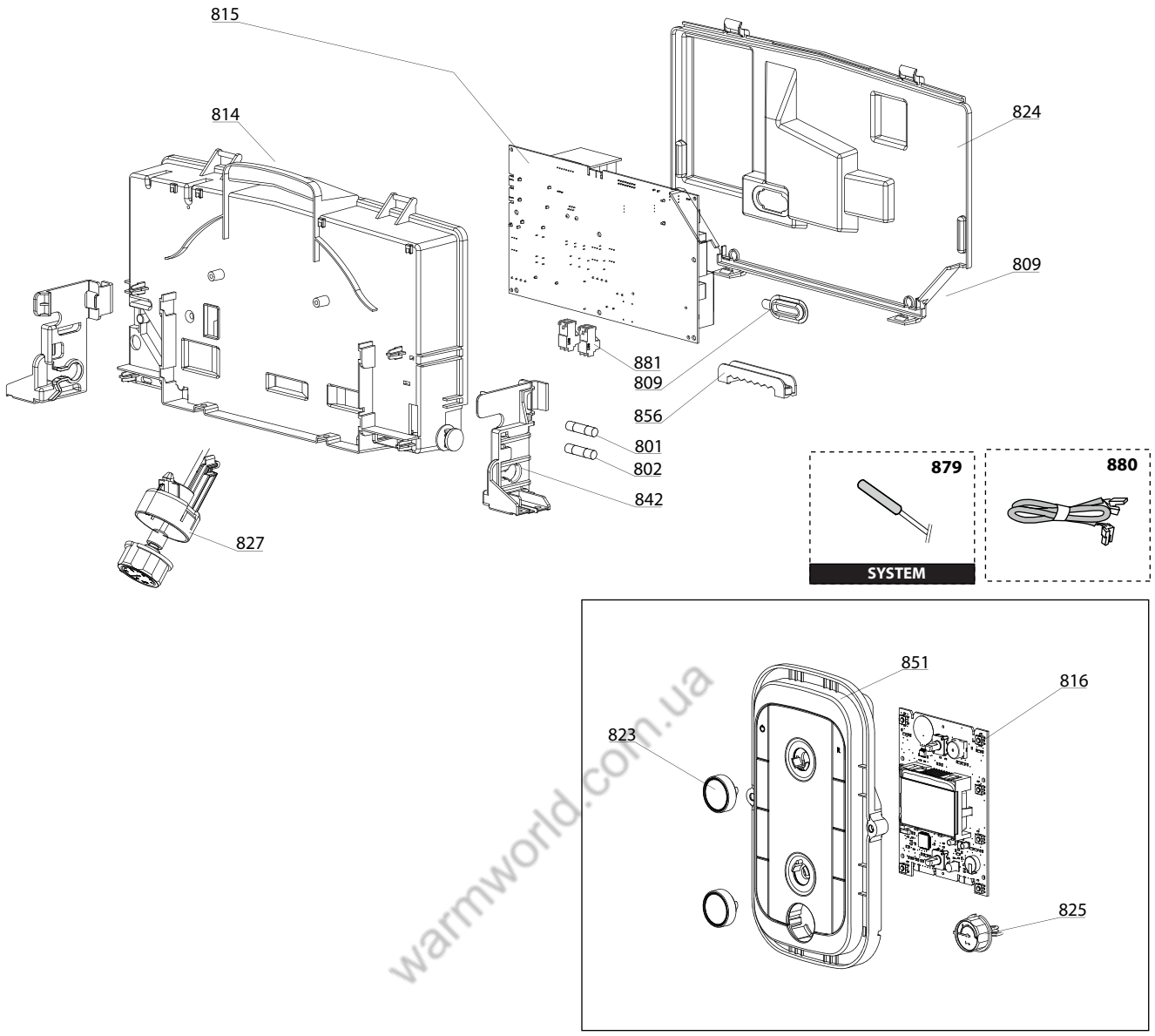

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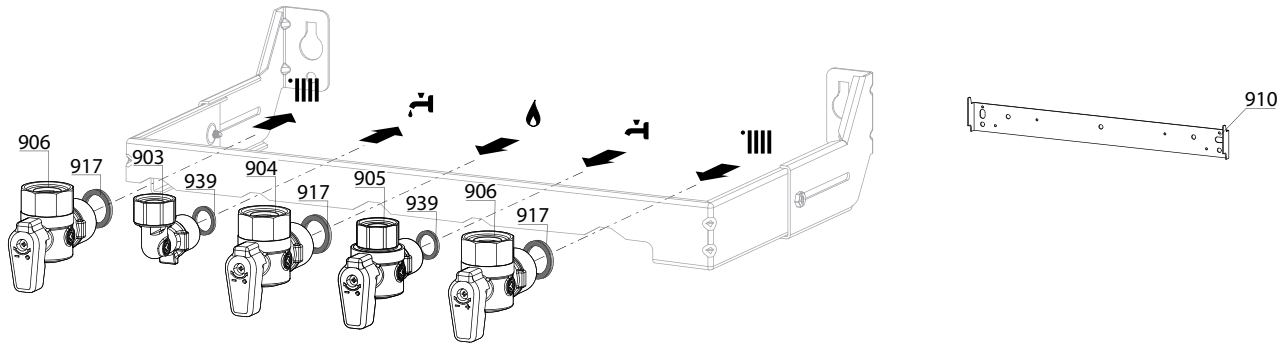
900



5000

5001			5002		
Transf. gaz Conv. gas Trasf. gas Transf. gas	>	G31 (LPG - GPL)	Transf. gaz Conv. gas Trasf. gas Transf. gas	>	G20 (NAT - MET)

	Description	Manf. Pt. N	Type	PIGMA ULTRA 25 CF	PIGMA ULTRA 30 CF	PIGMA ULTRA 25 FF	PIGMA ULTRA 30 FF	PIGMA ULTRA 35 FF	PIGMA ULTRA SYS. 25 CF	PIGMA ULTRA SYS. 25 FF	PIGMA ULTRA SYS. 30 FF	PIGMA ULTRA SYS. 35 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		●	●	●	●	●	●	●	●	●		
0802	FUSE RIT. 1A25 P5.08 NO RIP	65119500		●	●	●	●	●	●	●	●	●		
0809	GROMMET (PCD TOOL ACCESS)	998382		●	●	●	●	●	●	●	●	●		
0814	CONTROL PANEL COVER (FRONT)	65115784		●	●	●	●	●	●	●	●	●		
0815	P.C.B. (MAIN)	65115783-02		●	●	●	●	●	●	●	●	●		
0816	P.C.B. (DISPLAY)	60002839-01		●	●	●	●	●	●	●	●	●		
0823	WHITE KNOB	60002840		●	●	●	●	●	●	●	●	●		
0824	CONTROL PANEL COVER (REAR)	65115820		●	●	●	●	●	●	●	●	●		
0825	PRESSURE GAUGE	60002838		●	●	●	●	●	●	●	●	●		
0827	SUPPORT (PRESSURE GAUGE)	65115809		●	●				●					
0842	SIDE COVER SUPPORT	65115810			●			●				●		
	SIDE COVER SUPPORT	65115811		●		●	●		●	●	●			
0851	FRONT CONTROL PANEL COMPLETE	60002842		●	●	●	●	●						
	FRONT CONTROL PANEL COMPLETE	60002844							●	●	●	●		
0856	CABLE CLAMP	65103377		●	●	●	●	●	●	●	●	●		
0879	BOILER THERMISTOR TEMP. SENSOR	60000454							●	●	●	●		
0880	3-WAY VALVE CABLE	65115790		●	●	●	●	●						
	3-WAY VALVE CABLE	65115937							●	●	●	●		
	CABLE (IONIZATION ELECTRODE)	60001883		●	●	●	●	●	●	●	●	●		
	DISPLAY WIRING - 5 WIRES BLUES	60000746		●	●	●	●	●	●	●	●	●		
	EARTH WIRE	65104286		●	●	●	●	●	●	●	●	●		
	FAN CABLE	60001902				●	●	●		●	●	●		
	FEEDER 240V	60001619		●	●	●	●	●	●	●	●	●		
	NTC - PRES SWITCH CABLE	65115787				●	●	●		●	●	●		
	NTC - PRES SWITCH CABLE	65115789		●	●				●					
	PUMP 1V CABLE WILO	65105081	WILO	●	●	●	●	●	●	●	●	●		
	PUMP CABLE 1V PANA.	65115788	PANA.	●	●	●	●	●	●	●	●	●		
0881	CONNECTOR 2P	65111933		●	●	●	●	●	●	●	●	●		
	CONNECTOR 3P (x5)	65111934-01		●	●	●	●	●	●	●	●	●		
0900	JIG PLATE & PIPE FITTING													
0903	HOT WATER CONNECTION	60000891		●	●	●	●	●	●	●	●	●		
0904	GAS SERVICE TAP	60000898		●	●	●	●	●	●	●	●	●		
0905	COLD WATER TAP	60000894		●	●	●	●	●	●	●	●	●		
0906	WATER FLOW & RETURN SERVI. TAP	60000885		●	●	●	●	●	●	●	●	●		
0910	WALL HOOK	60000625		●	●	●	●	●	●	●	●	●		
0917	SHEET GASKET D: 24-17-1.5	60061855-19		●	●	●	●	●	●	●	●	●		
0939	WASHER 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		●	●				●					

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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.

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IDENTIFICATION PLATE

SERIAL NUMBER

10 Characters : 04 05 125 011
- 011 → Sequencial number
- 125 → Manufacturing day
- 05 → Year of manufacture

11 Characters : 1 95 065004 - 31
- Month of manucfacture : from 1 to 9 ➟ Jan. to Sep., O ➟ Oct., N ➟ Nov., D ➟ Dec.
- 31 → Technical number of the appliance
- 065004 → Sequencial number
- 95 → Year of manufacture

19 Characters : 08 05 0013199 900640031
- 08 → Year of manufacture
- 05 → Month of manucfacture
- 0013199 → Product reference
- 900640031 → Sequencial number

20 Characters : 3675007 XX 2 07 070 00315
- 3675007 → Product reference
- XX → Millenium of manufacture
- 2 07 → Year of manufacture
- 070 → Manufacturing day
- 00315 → Sequencial number

21 Characters : 3675007 XX 07 070 0000315
- 3675007 → Product reference
- XX 07 → Year of manufacture
- 070 → Manufacturing day
- 0000315 → Sequencial number

The indications mentionned on the prices, commercial or technical literature and the scheme are written for your guidance and are available at a given time. The CONSTRUCTOR retains the power to modify the presentation, the form, the size, the conception or the material of the products.