Ecoflam

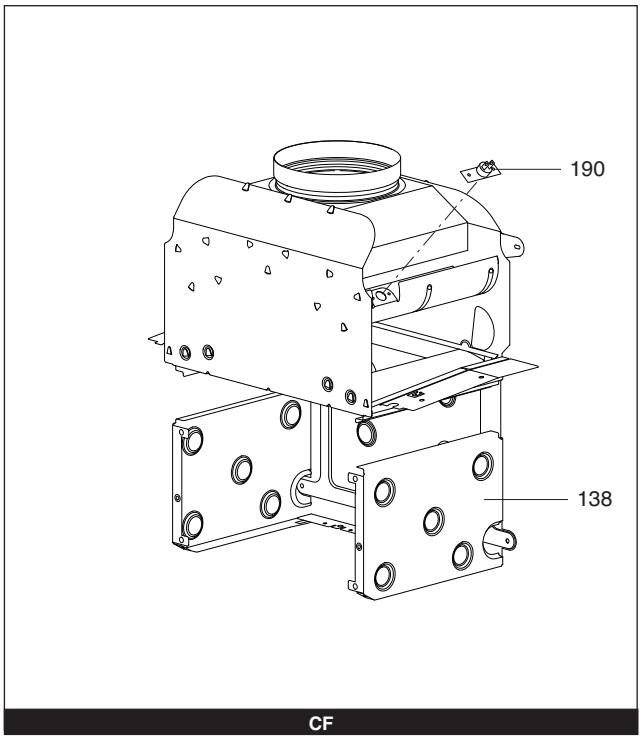
SPARE PARTS EXPLODED VIEW
GAS-WALL BOILER ATM. BURNER
Model
ECOSÍ

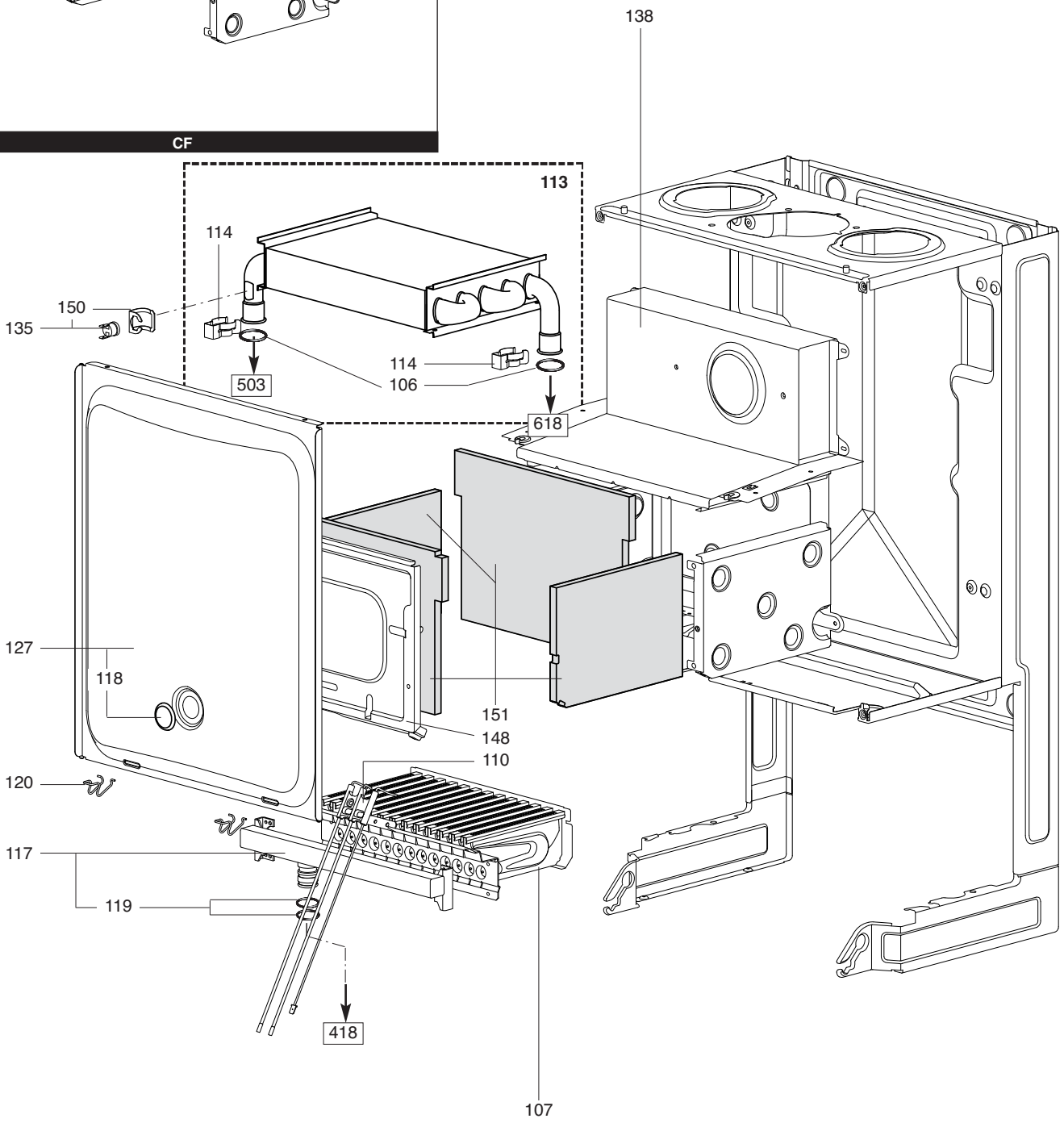
R8216203-05 - 28/04/2015

EN | FR | IT | ES | DE | NL

Col	Reference	Model type	Begin	End
1	3314025	ECOSI 25 CS CPR GPL	02-2008	05-2013
1	3314012	ECOSI 25 CS CPR MET	06-2008	05-2013
2	3314011	ECOSI 24 CA CPR MET	06-2008	05-2013
2	3314024	ECOSI 24 CA CPR GPL	02-2008	05-2011
3	3314013	ECOSI 30 CS CPR MET	06-2008	05-2013
3	3314026	ECOSI 30 CS CPR GPL	01-2009	05-2011
4	3314014	ECOSI 25 CS SP/A MET	06-2008	05-2013

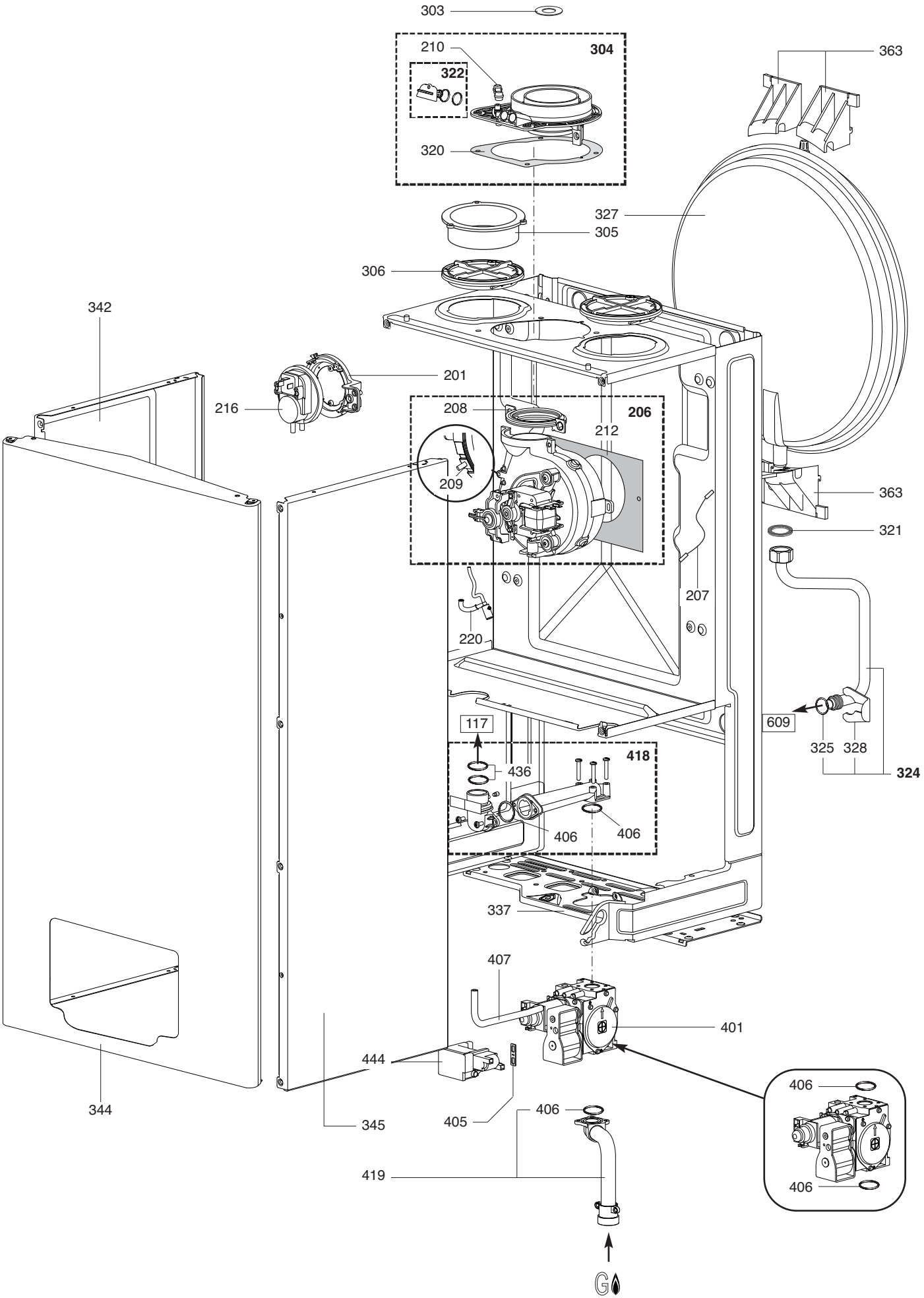
100





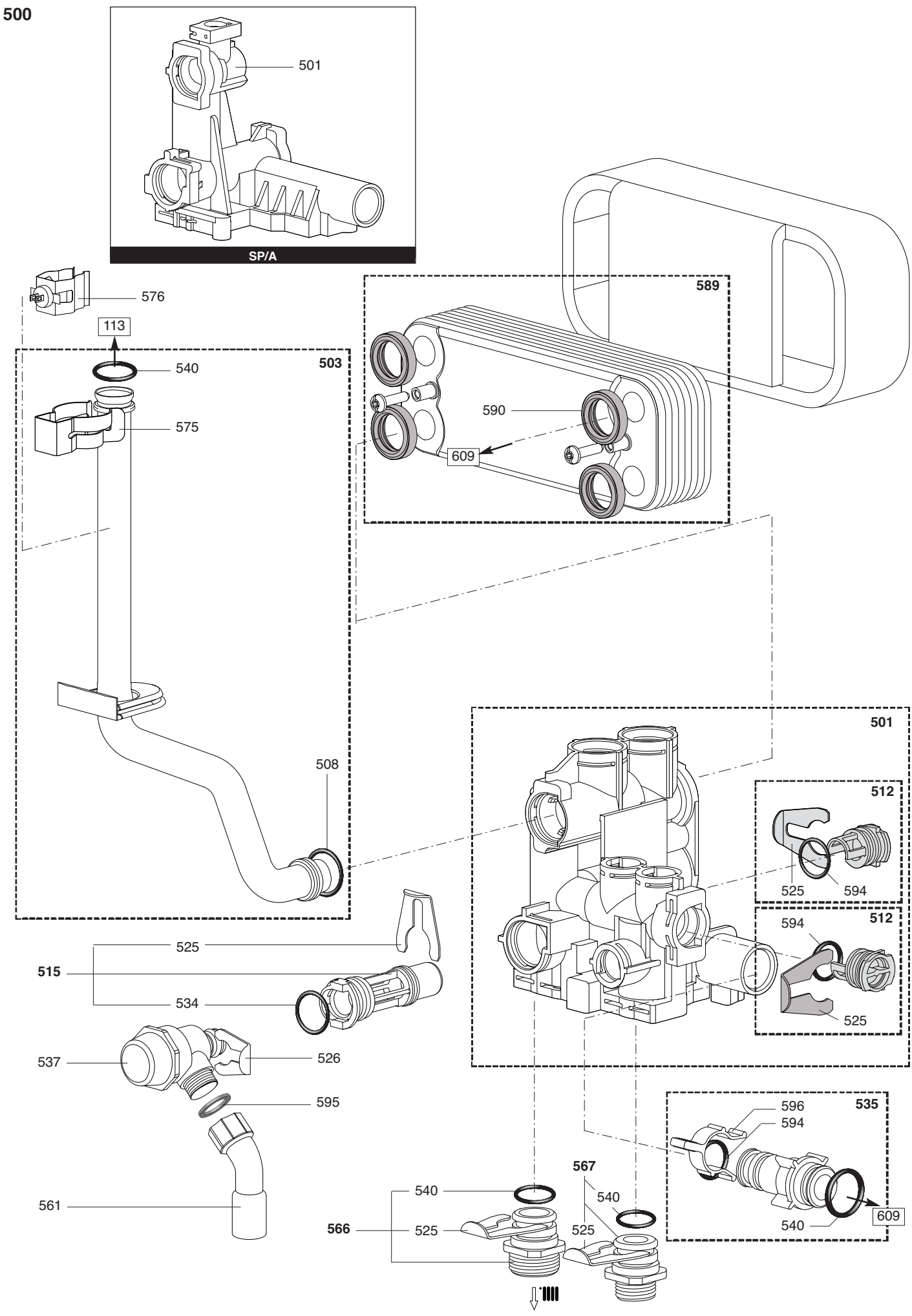
R8222081

	Description	Manf. Pt. N	Type	ECOSI 25 CS CPR	ECOSI 24 CA CPR	ECOSI 30 CS CPR	ECOSI 25 CS SP/A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0100	SEALED CASE																										
0106	O-RING 17.86X2.62	61308091						●	●	●	●																
0107	BURNER 11NP	65106294						●			●																
	BURNER 13NP	60001582							●																		
	BURNER 13NP	65104220								●																	
0110	ELECTRODE (IGNITION/IONIZATION)	65104549						●	●	●	●																
0113	HEAT EXCHANGER	65104246								●																	
	HEAT EXCHANGER	65104247							●																		
	HEAT EXCHANGER	65106297						●			●																
0114	CLIP	61307589						●	●	●	●																
0117	GAS MANIFOLD 11 INJ. D:0.80	65106605	LG					●																			
	GAS MANIFOLD 11 INJ. D:1.32	65106302	NG					●			●																
	GAS MANIFOLD 13 INJ. D:0.76	65104223	LG						●																		
	GAS MANIFOLD 13 INJ. D:0.80	65104225	LG							●																	
	GAS MANIFOLD 13 INJ. D:1.25	65104302	NG						●																		
	GAS MANIFOLD 13 INJ. D:1.32	65104226	NG							●																	
0118	SIGHT GLASS	65104232						●		●	●																
0119	O-RING 17.17X1.78	65104303						●	●	●	●																
0120	SPRING FRONT PANEL (KIT)	65107048						●		●	●																
0127	PANEL (FRONT - SEALED CHAMBER)	65105678-01						●		●	●																
0135	THERMOSTAT 102°	65104500						●	●	●	●																
0138	COMBUSTION CHAMBER 24/28 FF	65104219								●																	
	COMBUSTION CHAMBER 24/28 FF	65106295						●			●																
	COMBUSTION CHAMBER 24CF	65104218							●																		
0148	PANEL (COMBUSTION CHAMBER)	65104240							●																		
	PANEL (COMBUSTION CHAMBER)	65106296						●		●	●																
0150	CLIP	61010050						●	●	●	●																
0151	PANELS (KIT)	65104695							●	●																	
	PANELS (KIT)	65106298						●			●																
0190	THERMOSTAT 75-65°C	999539							●																		


303
210
304
322
320
363
327
305
306
342
201
216
208
206
212
209
363
321
207
220
609
325
328
324
117
418
436
406
406
337
407
401
444
345
405
406
419
406
406
G

R8222082

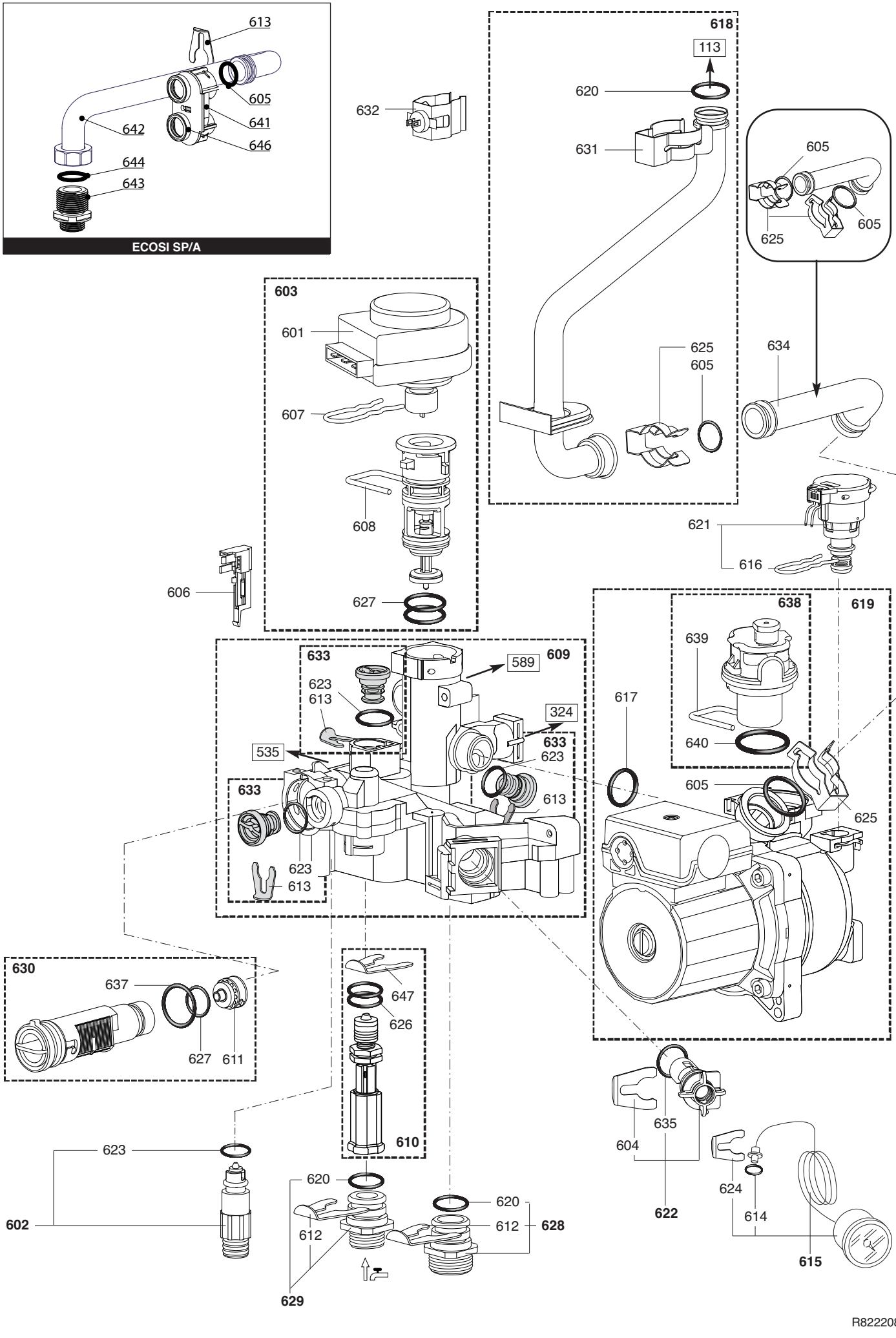
	Description	Manf. Pt. N	Type	ECOSI 25 CS CPR	ECOSI 24 CA CPR	ECOSI 30 CS CPR	ECOSI 25 CS SP/A	From	to
				1	2	3	4		
0200	**FAN ASSEMBLY**								
0201	SUPPORT (AIR PRESSURE SWITCH)	65104378		●		●	●		
0206	FAN	65104357		●			●		
	FAN	65104452				●			
0207	CABLE (EARTH - PUMP)	65107066		●		●			
	EARTH WIRE	65104286					●		
0208	FAN GASKET	65104257		●		●	●		
0209	VENTURI 15/24FF	65106516		●			●		
	VENTURI 28/30FF	65106515				●			
0210	AIR INTAKE COVER	573329		●		●	●		
0212	PANEL (INSULATION - FAN)	65104305		●		●	●		
0216	AIR PRESSURE SWITCH 50 Pa	65104671-01		●			●		
	AIR PRESSURE SWITCH 74 Pa	65104672-01				●			
0220	CONDENSATE TRAP	65104623		●		●	●		
0300	**CHASSIS-FRONT CASE**								
0303	RESTRICTOR KIT	60001598		●		●	●		
0304	FLUE (EXHAUST MANIFOLD/HEADER)	65105393		●		●	●		
0305	AIR RETURN MANIFOLD	65104710		●		●	●		
0306	AIR RETURN COVER	65104249		●		●	●		
0320	GASKET	60000317		●		●	●		
0321	GASKET 3/8»	573521		●	●	●	●		
0322	FLUE INTAKE PLUG	65104295		●		●	●		
0324	PIPE (EXPANSION VESSEL)	65104253		●	●	●	●		
0325	O-RING 8.9X2.7	61009834-14		●	●	●	●		
0327	EXPANSION VESSEL 8L	65104261		●	●	●	●		
0328	CLIP D:18	65104259		●	●	●	●		
0337	HYDRAULIC GROUP SUPPORT	65104311		●	●	●	●		
0342	CASE PANEL (L.H. SIDE)	65105676		●	●	●	●		
0344	CASE PANEL (FRONT)	65107093		●	●	●	●		
0345	CASE PANEL (R.H. SIDE)	65105677		●	●	●	●		
0363	EXPANSION VESSEL SUPPORT	65104696		●	●	●	●		
0400	**GAS SECTION**								
0401	GAS VALVE	65104254		●	●	●	●		
0405	GASKET (SPARK GENERATOR)	574279		●	●	●	●		
0406	O-RING 22.22X2.62	65104304		●	●	●	●		
0407	EPDM PIPE	65104296		●	●	●	●		
0418	PIPE (GAS VALVE/BURNER)	65104230		●	●	●	●		
0419	GAS TUBE	65104251		●	●	●	●		
0436	O-RING 17.17X1.78	65104303		●	●	●	●		
0444	SPARK GENERATOR	65104653		●	●	●	●		


500
501
SP/A
576
113
503
540
575
508
589
590
609
501
512
525
594
512
594
525
515
525
534
537
526
595
561
567
540
566
525
540
525
535
596
594
540
609

R8222083

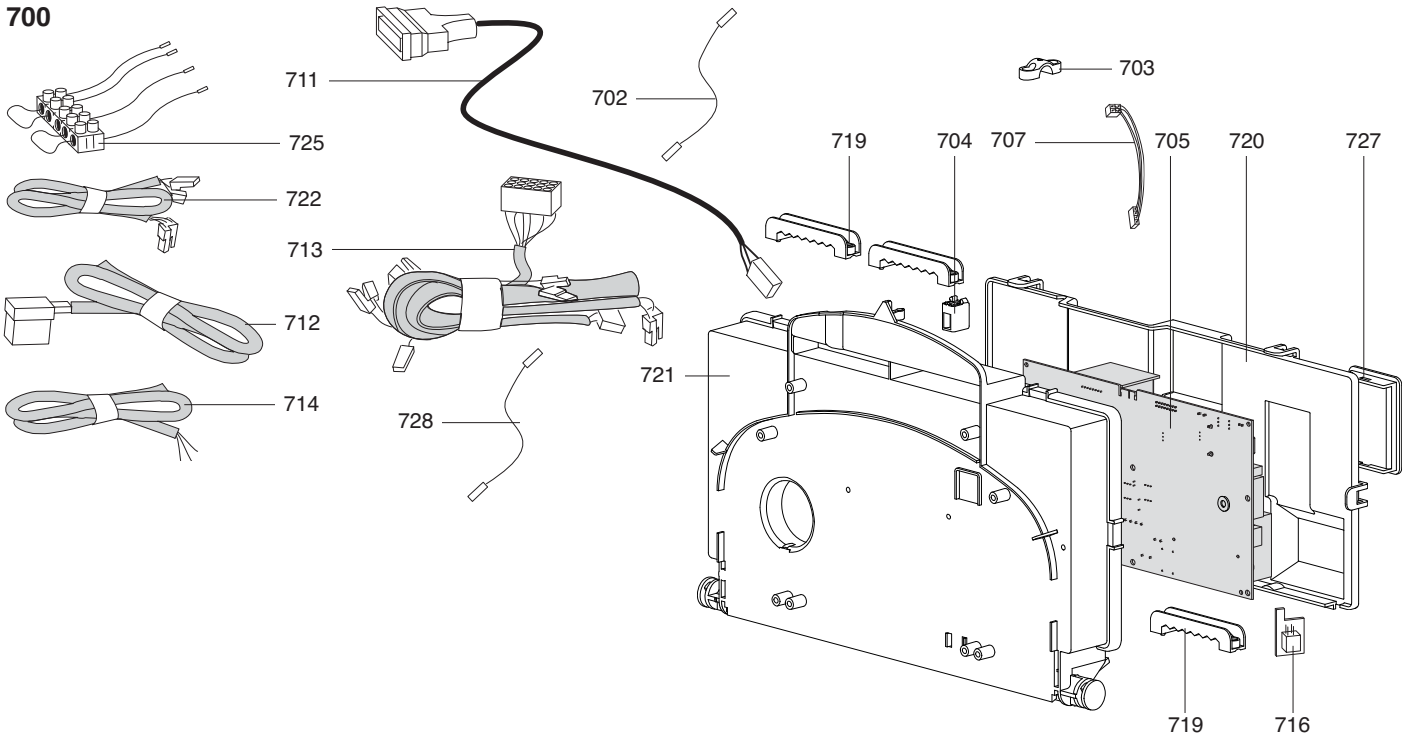
	Description	Manf. Pt. N	Type	ECOSI 25 CS CPR	ECOSI 24 CA CPR	ECOSI 30 CS CPR	ECOSI 25 CS SP/A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
				1	2	3	4															31	
0500	**FLOW GROUP**																						
0501	FLOW GROUP	65105091-01					●																
	FLOW GROUP	65104312		●	●	●																	
0503	PIPE (C.H. FLOW)	65104252			●	●																	
	PIPE (C.H. FLOW)	65106309		●			●																
0508	O-RING 17.04X3.53	65104262		●	●	●	●																
0512	PLUG	65104445		●	●	●	●																
0515	BY-PASS	65104336		●	●	●	●																
0525	CLIP D:18	65104259		●	●	●	●																
0526	CLIP D:10	65104260		●	●	●	●																
0534	O-RING 17.96X2.62	65104337		●	●	●	●																
0535	BY-PASS PIPE	65104340		●	●	●	●																
0537	PRESSURE RELIEF VALVE (3 BAR)	61312668		●	●	●	●																
0540	O-RING 17.86X2.62	61308091		●	●	●	●																
0561	PIPE (SAFETY VALVE)	65104447		●	●	●	●																
0566	UNION (3/4»)	65104326		●	●	●	●																
0567	UNION (1/2»)	65104327		●	●	●																	
0575	CLIP	61307589		●	●	●	●																
0576	TEMPERATURE PROBE + CLIP KIT	990686-01		●	●	●	●																
0589	SANITARY HEAT EXCHANGER (16 P.)	65104333		●	●	●																	
0590	EXCHANGER GASKET	65104334		●	●	●																	
0594	O-RING 15.54X2.62	65104325		●	●	●	●																
0595	SHEET GASKET D: 13.9-10.4-1.5	60061853-02		●	●	●	●																
0596	CLIP (BY-PASS PIPE)	65104700		●	●	●	●																

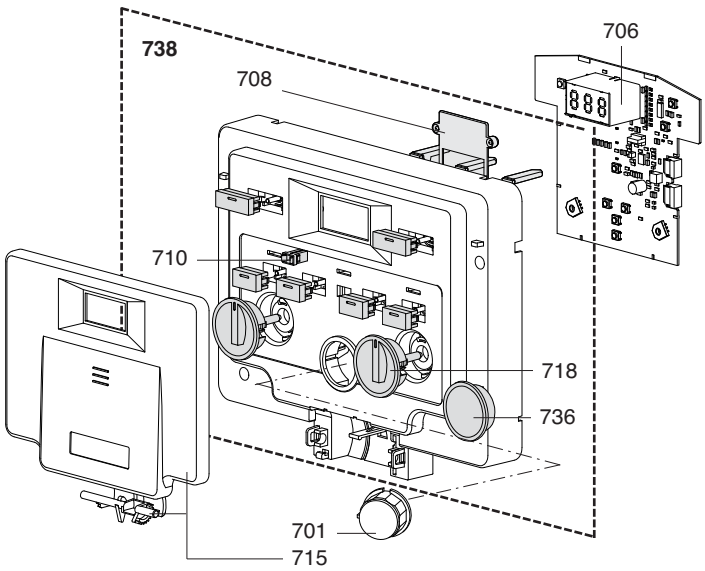
600



R8222084

	Description	Manf. Pt. N	Type	ECOSI 25 CS CPR	ECOSI 24 CA CPR	ECOSI 30 CS CPR	ECOSI 25 CS SP/A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
				1	2	3	4																
0600	RETURN GROUP																						
0601	MOTOR (3-WAY VALVE)	61302483-01		●	●	●																	
0602	KIT DRAIN SCREW	60001385		●	●	●	●																
0603	MOTOR + SPRING 3 WAY VALVE KIT	60001583		●	●	●																	
	PLUG	65105093					●																
0604	CLIP	65104331		●	●	●	●																
0605	O-RING 17.04X3.53	65104262		●	●	●	●																
0606	SENSOR (REED)	65104323		●	●	●																	
0607	CLIP	65104332		●	●	●																	
0608	CLIP	65104316		●	●	●	●																
0609	RETURN GROUP	65104335		●	●	●	●																
0610	FILLING TAP KIT	65114261		●	●	●	●																
0611	RIDUCTORS (KIT)	65104318		●	●	●																	
0612	CLIP D:18	65104259		●	●	●	●																
0613	CLIP D:10	65104260		●	●	●	●																
0614	O-RING 5.7X1.9	61009834-10		●	●	●	●																
0615	PRESSURE GAUGE	60000725		●	●	●	●																
0616	CLIP	65104322					●																
0617	O-RING 21.89X2.62	65104320		●	●	●	●																
0618	PIPE (C.H. RETURN)	60001271			●	●																	
	PIPE (C.H. RETURN)	60001276		●			●																
0619	PUMP 5M 2V	65104319		●	●	●	●																
0620	O-RING 17.86X2.62	61308091		●	●	●	●																
0621	LOW PRESSURE SWITCH	65105090		●	●	●	●																
0622	WATER FILTER	60001372		●	●	●	●																
0623	O-RING 9.19X2.62	65104313		●	●	●	●																
0624	CLIP	65100680			●																		
0625	CLIP	60000309		●	●	●	●																
0626	O-RING 7.65X1.78	65104329		●	●	●	●																
0627	O-RING 23.47X2.62	65104315		●	●	●	●																
0628	UNION (3/4»)	65104326		●	●	●	●																
0629	UNION (1/2»)	65104327		●	●	●	●																
0630	D.H.W. PLUG	65105179					●																
	FLOW METER	65104317		●	●	●																	
0631	CLIP	61307589		●	●	●	●																
0632	TEMPERATURE PROBE + CLIP KIT	990686-01		●	●	●	●																
0633	PLUG	65104377		●	●	●	●																
0635	O-RING 15.54X2.62	65104325		●	●	●	●																
0637	O-RING 16,5X1,6	65105180					●																
0638	AUTO AIR VENT WITH O-RING	65104703	WILO	●	●	●	●																
0639	U-CLIP	65104704		●	●	●	●																
0640	O-RING 3X35 EPDM 75 SH	65104705		●	●	●	●																
0641	INTERFACE 'System +' Open	60001365	SYST. +				●																
	INTERFACE 'System' Close	65105181	SYST.				●																
0642	TUBO SYSTEM	60001366					●																
0643	UNION (3/4»-1/2»)	60001367					●																
0644	SHEET GASKET D: 24-14-1.5	60061855-17					●																
0646	EXCHANGER GASKET	65104334					●																
0647	CLIP	65104339		●	●	●																	

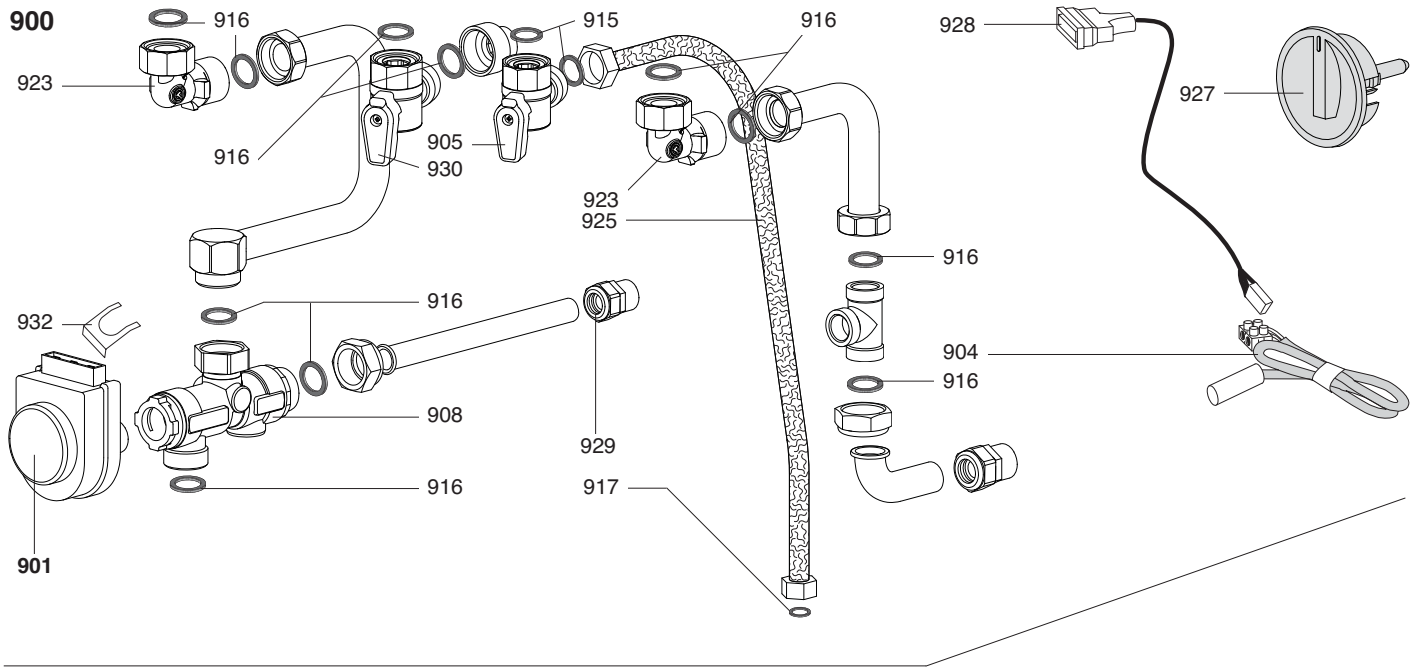

700
711
725
722
713
712
714
728
702
703
719
704
707
705
720
727
721
719
716

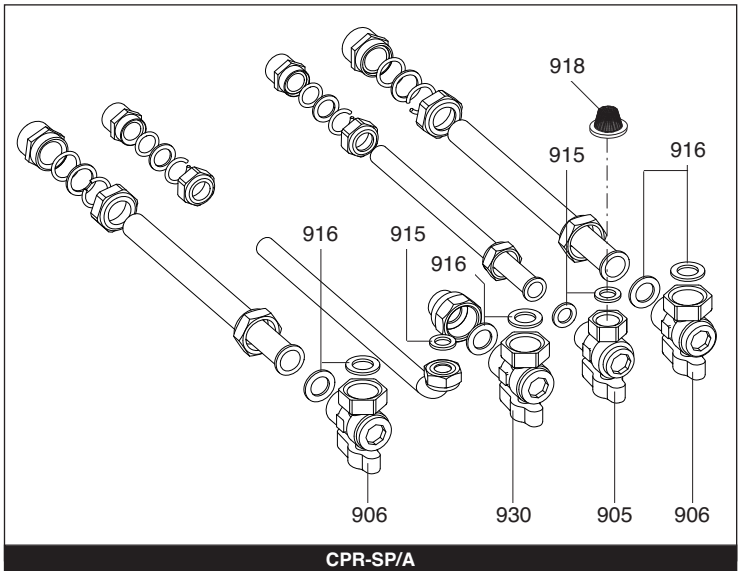

738
706
708
710
718
736
701
715

R8222085

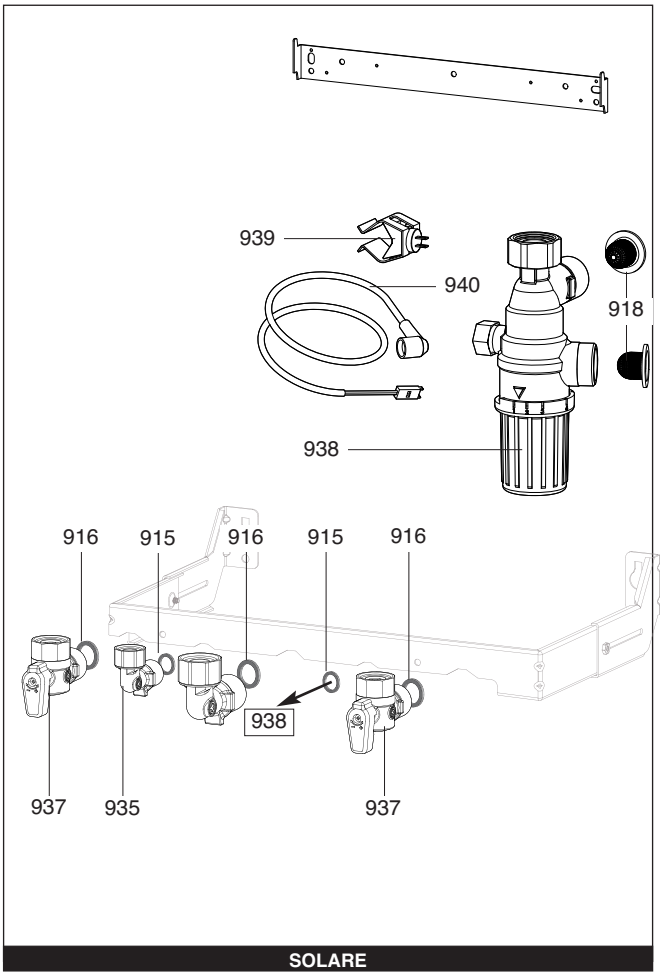
	Description	Manf. Pt. N	Type	ECOSI 25 CS CPR 1	ECOSI 24 CA CPR 2	ECOSI 30 CS CPR 3	ECOSI 25 CS SP/A 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0700	**ELECTRICAL BOX**																						
0701	PRESSURE GAUGE	60000725		●	●	●	●																
0702	CABLE (EARTH - PUMP)	65107066		●	●	●	●																
0703	CABLE CLAMP	571562		●	●	●	●																
0704	PUSH	65104228		●	●	●	●																
0705	P.C.B. (MAIN)	65109313-03		●	●	●	●																
0706	PRINTED CIRCUIT BOARD (DISPLAY)	65109572		●	●	●	●																
0707	DISPLAY WIRING - 5 WIRES BLUES	60000746	/ CN02	●	●	●	●																
0708	DISPLAY GLASS	65107092		●	●	●	●																
0710	PUSH (CASE DOOR)	65100676		●	●	●	●																
0711	3-WAY VALVE CABLE	65104523	/ CN09	●	●	●																	
0712	PUMP 2V CABLE 5M	65104520	WILO	●	●	●	●																
0713	NTC - PRES. SENSOR - GAS VALVE CABLE	60000840	/ CN04	●	●	●																	
	NTC - PRES. SENSOR - GAS VALVE CABLE	60001369	/ CN04				●																
0714	FEEDER 240V	60000993	/ CN20	●	●	●	●																
0715	FRONT COVER	65107087		●	●	●	●																
0718	KNOB	65107090		●	●	●	●																
0719	CABLE CLAMP	65103377		●	●	●	●																
0720	CONTROL PANEL COVER (REAR)	65104293		●	●	●	●																
0721	CONTROL PANEL	65104300		●	●	●	●																
0722	FAN CABLE	65107270	/ CN10	●		●	●																
	FLOW METER CABLE	60000813	/ CN14	●	●	●																	
	NTC - OVERHEAT THER. - PRES SWITCH CABLE	60000814	/ CN22	●		●	●																
	NTC PROBE - OVERHEAT THERMOSTAT CABLE	65104708	/ CN22		●																		
0725	ROOM THERMOSTAT CABLE	60001253	/ CN25	●	●	●	●																
0727	INSPECTION COVER	65104294		●	●	●	●																
0728	CABLE (IONIZATION ELECTRODE)	65104518	/ CN05	●	●	●	●																
0736	PLUG	65107105					●																
0738	CONTROL PANEL (COMPLETE)	65107086		●	●	●	●																

900





CPR-SP/A

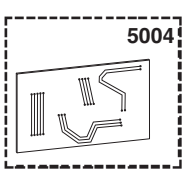


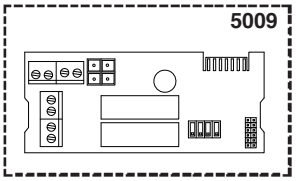
SOLARE

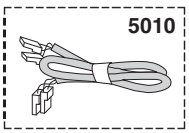
5000

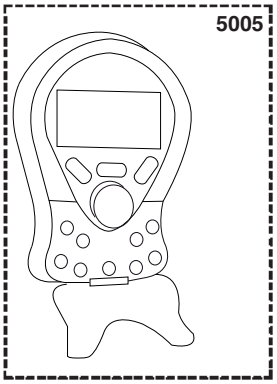
NAT > B/P

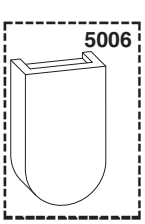
B/P > NAT

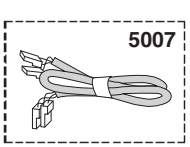


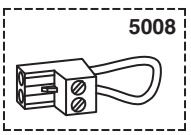












R8222086

	Description	Manf. Pt. N	Type	ECOSI 25 CS CPR	ECOSI 24 CA CPR	ECOSI 30 CS CPR	ECOSI 25 CS SP/A	From	to
				1	2	3	4		
0900	**JIG PLATE & PIPE FITTING**								
0901	MOTOR (3-WAY VALVE)	997147					●		
0902	SAFETY VALVE (1/2» 7 BAR)	65105630					●		
0904	WIRING (PROBE)	65105629					●		
0905	TAP (1/2»)	65105098		●	●	●	●		
0906	TAP (3/4»)	65104694		●	●	●			
0908	3-WAY VALVE GROUP	999608					●		
0914	REDUCER	65102380					●		
0915	GASKET 1/2»	573528		●	●	●	●		
0916	GASKET 3/4»	573520		●	●	●	●		
0917	GASKET 3/8»	573521					●		
0918	D.H.W. INLET FILTER	995304		●	●	●	●		
0923	UNION	65105631		●	●	●	●		
0924	LOCK NUT 1/2»	569794					●		
0925	FLEXIBLE PIPE	65105632					●		
0927	KNOB	65107090					●		
0928	3-WAY VALVE CABLE	65106156					●		
0929	UNION 3/4»	65104546					●		
0930	TAP (3/4»)	65105097		●	●	●	●		
0931	PIPE (SAFETY VALVE OUTLET)	65105398					●		
0932	FIXING CLIP (MOTOR)	997077					●		
0935	HOT WATER CONNECTION	60000891		●	●	●	●		
0937	WATER FLOW & RETURN SERVI. TAP	60000885		●	●	●	●		
0938	THERMOSTATIC MIXING VALVE	60001081		●	●	●	●		
0939	TEMPERATURE PROBE + CLIP	65105079		●	●	●	●		
0940	SOLAR SENSOR CABLE	60001374	/ CN17	●	●	●	●		
5000	**ACCESSORY**								
5001	BURNER JET FULL KIT (LPG)	65106690-01	LG	●	●	●	●		
5002	BURNER JET FULL KIT (NG)	65106691-01	NG	●	●	●	●		
5004	P.C.B (CLIP-IN) E-BUS	65109108		●	●	●	●		
5005	ELCO REMOTE CONTROL	65107094-01		●	●	●	●		
5006	OUTSIDE HEAT SENSOR	65109110		●	●	●	●		
5007	CLIP-IN E-BUS WIRING	65105169	/ CN11	●	●	●	●		
5008	CONNECTOR (ROOM THERMOSTAT)	990381		●	●	●	●		
5009	P.C.B. (CLIP-IN HI-LO ZONES)	65106892		●	●	●	●		
5010	CLIP-IN COMMUNICATION WIRING	65106893	/ CN24	●	●	●	●		

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

- 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
- 1 → Month of manucfacture

19 Characters : 08 05 0013199 900640031

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

20 Characters : 3675007 XX 2 07 070 00315

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

21 Characters : 3675007 XX 07 070 0000315

- 0000315 → Sequencial number
- 070 → Manufacturing day
- 07 → Year of manufacture
- 3675007 → Product reference

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.