SPARE PARTS EXPLODED VIEW
GAS-STANDING CONDENSING BOILER

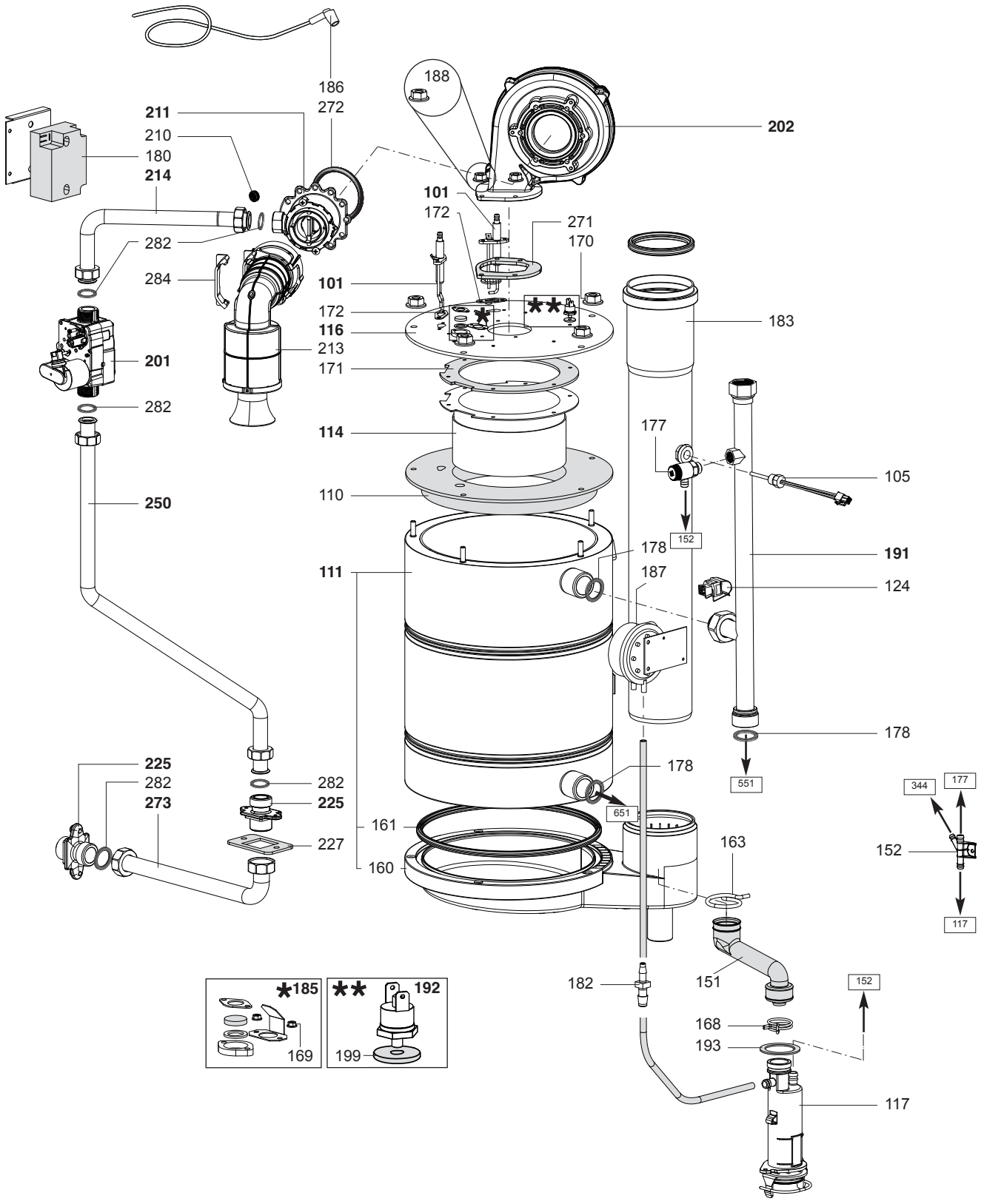
Model

NC085-199(C) COMPASS

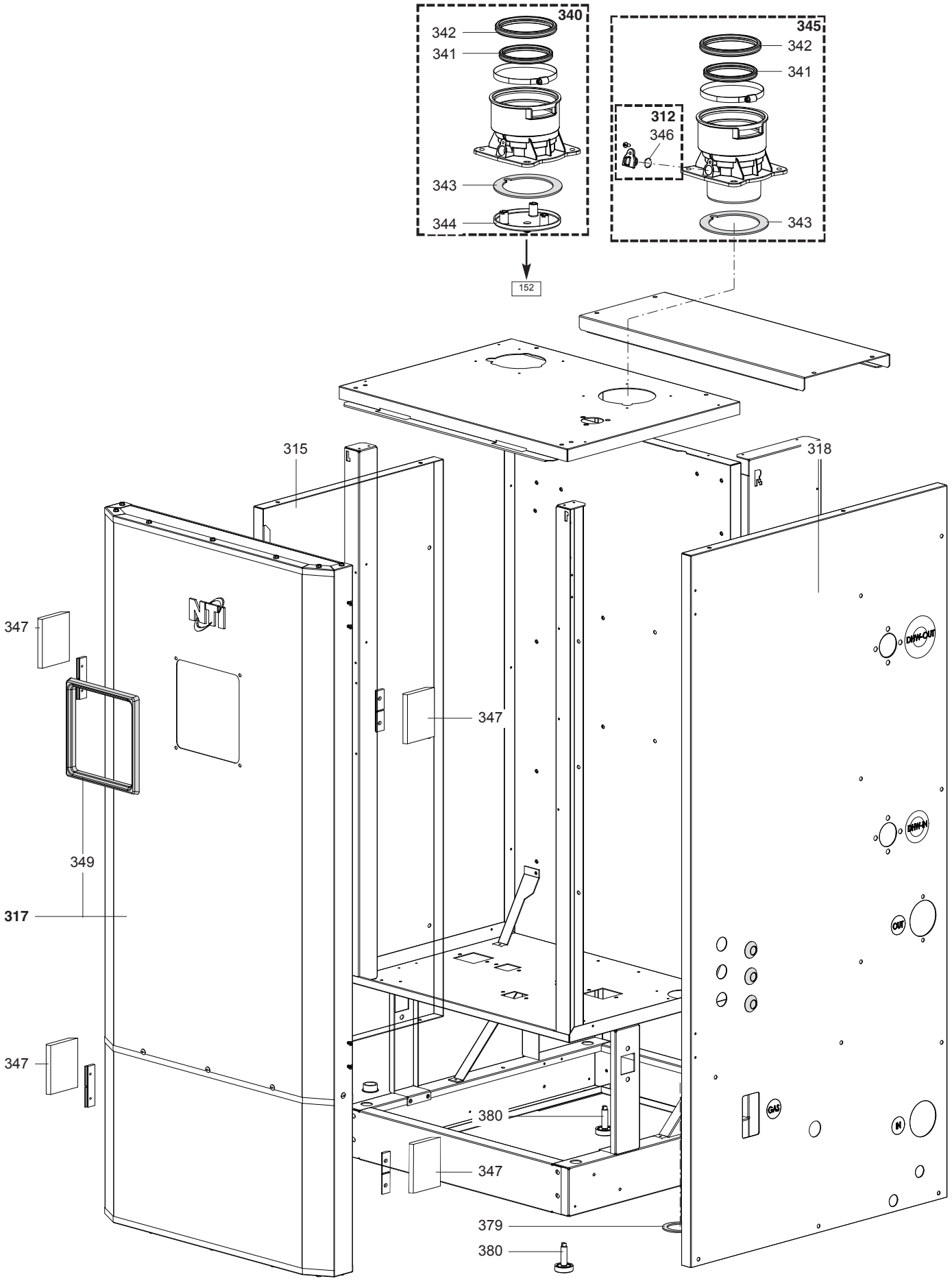
R8219272-01 - 15/04/2024

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Col	Reference	Model type	Begin	End
1	3260177	NC085 NTI COMPASS FIRE TUBE BOILER	04-2024	-
2	3260178	NC110 NTI COMPASS FIRE TUBE BOILER	04-2024	-
3	3260179	NC110C NTI COMPASS FIRE TUBE BOILER	04-2024	-
4	3260180	NC150 NTI COMPASS FIRE TUBE BOILER	04-2024	-
5	3260181	NC150C NTI COMPASS FIRE TUBE BOILER	04-2024	-
6	3260182	NC199 NTI COMPASS FIRE TUBE BOILER	04-2024	-
7	3260183	NC199C NTI COMPASS FIRE TUBE BOILER	04-2024	-

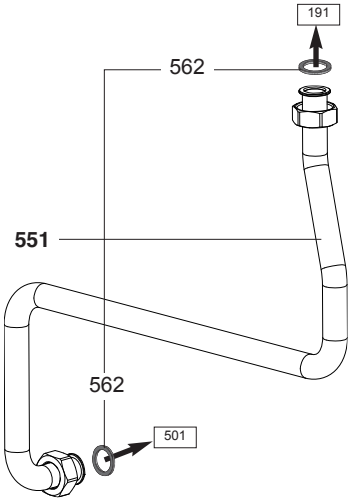

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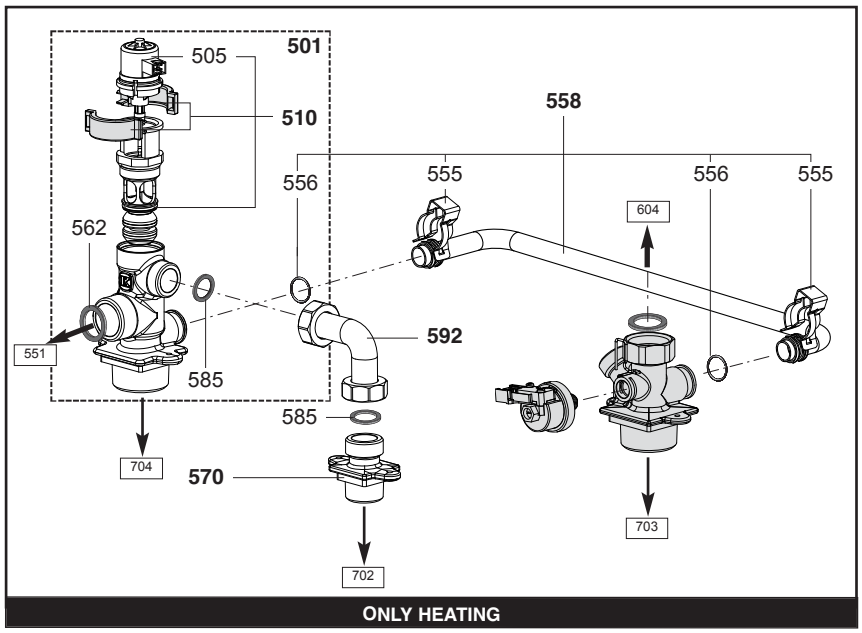
	Description	Manf. Pt. N	Type	NC085 COMPASS	NC110 COMPASS	NC110(C) COMPASS	NC150 COMPASS	NC150(C) COMPASS	NC199 COMPASS	NC199(C) COMPASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0100	**EXCHANGER BLOCK**																													
0101	IGNITION ELECTRODE	6500645000									●	●	●	●	●	●	●													
0105	NTC FLUE SENSOR 4X45 1/4 10K3 SS	64980174									●	●	●	●	●	●	●													
0110	INSULATION (BURNER DOOR DISC-VC30)	64980168									●	●	●																	
	INSULATION (BURNER DOOR DISC-VC45)	64980169												●	●															
	INSULATION (BURNER DOOR DISC-VC60)	64980170														●	●													
0111	HEAT EXCHANGER VC30 AIC	64980160									●	●	●																	
	HEAT EXCHANGER VC45 AIC	64980161												●	●															
	HEAT EXCHANGER VC60 AIC	64980162														●	●													
0114	BURNER VC30	64980158									●	●	●																	
	BURNER VC45/VC60	64980159												●	●	●	●													
0116	BURNER TOP PLATE	64980461									●	●	●																	
	BURNER TOP PLATE	64980462												●	●															
	BURNER TOP PLATE	64980463														●	●													
0117	CONDENSATE TRAP	64980219									●	●	●	●	●	●	●													
0124	TEMPERATURE PROBE + CLIP	990686-01									●	●	●	●	●	●	●													
0151	CONDENSATE DRAIN PIPE	64980178									●	●	●	●	●	●	●													
0152	COUPLING Y HOSE CONNECTOR	64980263									●	●	●	●	●	●	●													
0160	CONDENSATE DISH ONLY VC30	64980675									●	●	●																	
	CONDENSATE DISH ONLY VC45	6000086929												●	●															
	CONDENSATE DISH ONLY VC60	6000086930														●	●													
0161	GASKET (CONDENSATE DISH)	6000086932												●	●															
	GASKET (CONDENSATE DISH)	6000086933														●	●													
	GASKET (VC30 CONDENSATE DISH)	64980677									●	●	●																	
0163	CLAMP	64980243									●	●	●	●	●	●	●													
0168	HOSE CLAMP	60000533									●	●	●	●	●	●	●													
0169	NUT, SERRATED FLANGE M3	64980242									●	●	●	●	●	●	●													
0170	NUT, SERRATED FLANGE M6	64980246									●	●	●	●	●	●	●													
0171	GASKET (BURNER-VC30)	64980166									●	●	●																	
	GASKET (BURNER-VC45/VC60)	64980167												●	●	●	●													
0172	GASKET (ELECTRODE)	64980223									●	●	●	●	●	●	●													
0177	AIR VENT	64980150									●	●	●	●	●	●	●													
0178	GASKET, 1" Fibre AFM34/2 REINZ	64980701									●	●	●	●	●	●	●													
0180	SPARK GENERATOR	65119323									●	●	●	●	●	●	●													
0182	CONNECTOR TUBING 3/8 in x 1/4 in, barbed	64980244									●	●	●	●	●	●	●													
0183	FLUE PIPE (POLYPROPYLENE)	64980173									●	●	●	●	●	●	●													
0185	SIGHT GLASS (COMPLETE)	64980222									●	●	●	●	●	●	●													
0186	CABLE (IGNITION ELECTRODE)	64980171									●	●	●	●	●	●	●													
0187	AIR PRESSURE SWITCH	65118678									●	●	●	●	●	●	●													
0188	NUT, SERRATED FLANGE M5-08	64980241									●	●	●	●	●	●	●													
0191	PIPE (MANIFOLD)	64980154									●	●	●	●	●	●	●													
0192	PLUG (THERMAL SWITCH HOLE)	64980687									●	●	●	●	●	●	●													
0193	GASKET (CONDENSATE TRAP)	64980674									●	●	●	●	●	●	●													
0199	GASKET, THERMAL SWITCH TO TOP PLATE	64980507									●	●	●	●	●	●	●													
0200	**GAS SECTION**																													
0201	GAS VALVE, HONEYWELL KV4205	65118645									●	●	●	●	●	●	●													
0202	VENTILATOR	64980119														●	●													
	VENTILATOR	64980120									●	●	●	●	●															
0210	GAS DIAPHRAGM D: 6.40 (LP)	60001923									●	●	●	●	●															
	GAS DIAPHRAGM D: 6.90	60001924														●	●													
	GAS DIAPHRAGM D: 8.5 (NG)	65118713												●	●															
0211	MIXER 085-110 LP FT	64980100									●	●	●																	
	MIXER 150-150C LP FT	64980102												●	●															
	MIXER 199-199C LP FT	64980104														●	●													
	MIXER, 085-110-110C NG FT	64980124									●	●	●																	
	MIXER, 150-150C NG FT	64980125												●	●															
	MIXER, 199-199C NG FT	64980126														●	●													
0213	SILENCER	64980127									●	●	●	●	●	●	●													
0214	PIPE (GAS OUTLET) GV to mixer	6500711500									●	●	●																	
	PIPE (GAS VALVE-MIXER) stainless	64980664												●	●															
	PIPE (GAS VALVE-MIXER) stainless	64980680														●	●													
0225	ADAPTER, BRASS, M3-4NPTXM3-4G	6000086776									●	●	●	●	●	●	●													
0227	GASKET (GAS ADAPTER)	64980217									●	●	●	●	●	●	●													
0250	PIPE (GAS INLET) stainless	64980442									●	●	●	●	●	●	●													
0271	GASKET (BLOWER)	64980678														●	●													
	GASKET (VENTILATOR)	64980699									●	●	●	●	●															
0272	O-RING 165 NBR 70 Sh 61.91x3,53	60001878									●	●	●	●	●	●	●													
0273	PIPE (GAS)	6500706500									●	●	●	●	●	●	●													
0282	GASKET 3/4" th. 3 NBR TEFLON-YELLOW	64980284									●	●	●	●	●	●	●													
0284	SILENCER SPACER	6000086861									●	●	●	●	●	●	●													

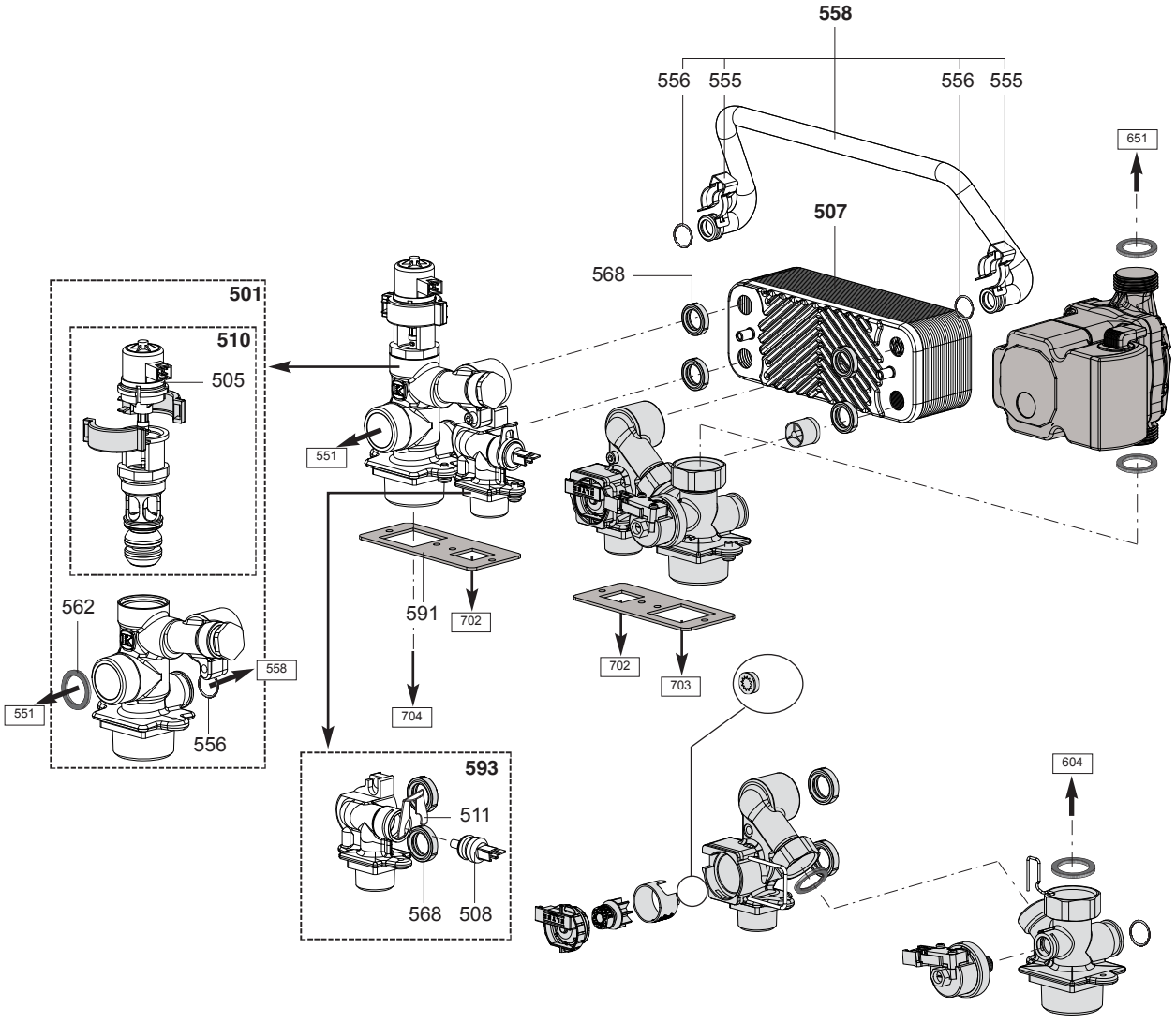

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GAS
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	Description	Manf. Pt. N	Type	NC085 COMPASS	NC110 COMPASS	NC110(C) COMPASS	NC150 COMPASS	NC150(C) COMPASS	NC199 COMPASS	NC199(C) COMPASS	From	to
				1	2	3	4	5	6	7	8 9 10 11 12 13 14 15 16 17 18	
0300	CHASSIS-FRONT CASE											
0312	FLUE TEST PORT PLUG	64980209		●	●	●	●	●	●	●		
0315	PANEL (L.H. SIDE) NC Combi	6500706900				●		●		●		
	PANEL (L.H. SIDE) NC non-combi	6500706800		●	●		●		●			
0317	PANEL (NC FRONT)	6500707000		●	●	●	●	●	●	●		
0318	PANEL (R.H. SIDE) NC combi	6500706700				●		●		●		
	PANEL (R.H. SIDE) NC non-combi	6500706600		●	●		●		●			
0340	ADAPTOR (AIR INLET)	64980206		●	●	●	●	●	●	●		
0341	SEAL GASKET OUTLET 80	64980237		●	●	●	●	●	●	●		
0342	GASKET D90 EPDM SH.A PEROX	64980207		●	●	●	●	●	●	●		
0343	FOAM FLUE GAS ADAPTOR	64980208		●	●	●	●	●	●	●		
0344	TRAY CONDENS	64980233		●	●	●	●	●	●	●		
0345	ADAPTOR (FLUE OUTLET)	64980210		●	●	●	●	●	●	●		
0346	O-RING SEAL 2,7X8,9 EPDM PEROX 70 Sh.	64980236		●	●	●	●	●	●	●		
0347	DOOR LATCH	64980238		●	●	●	●	●	●	●		
0349	BEZEL	6500605300		●	●	●	●	●	●	●		
0379	GASKET (CONDENSATE TRAP)	64980674		●	●	●	●	●	●	●		
0380	LEG, LEVELER ASSMBLD, 3-8-16 X 1.5	6000084072		●	●	●	●	●	●	●		

500

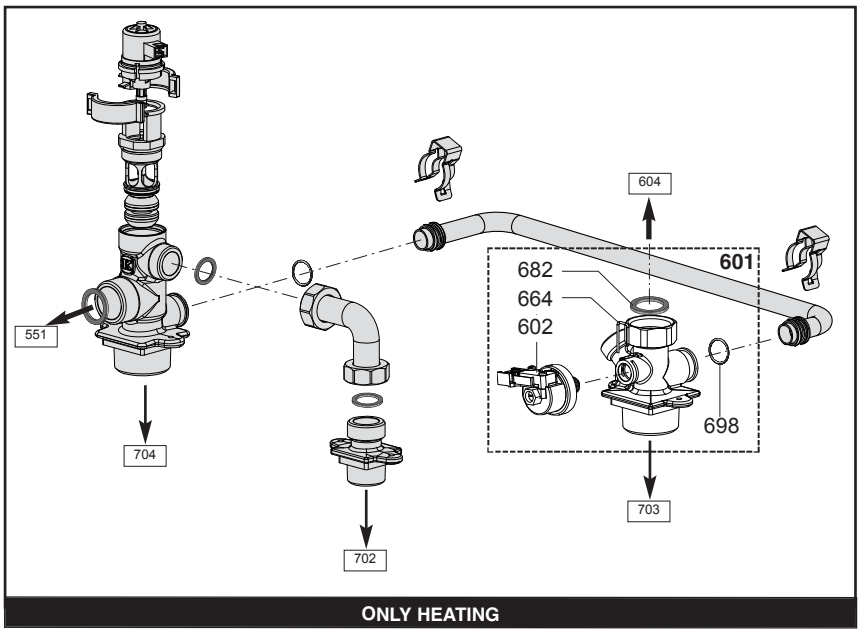




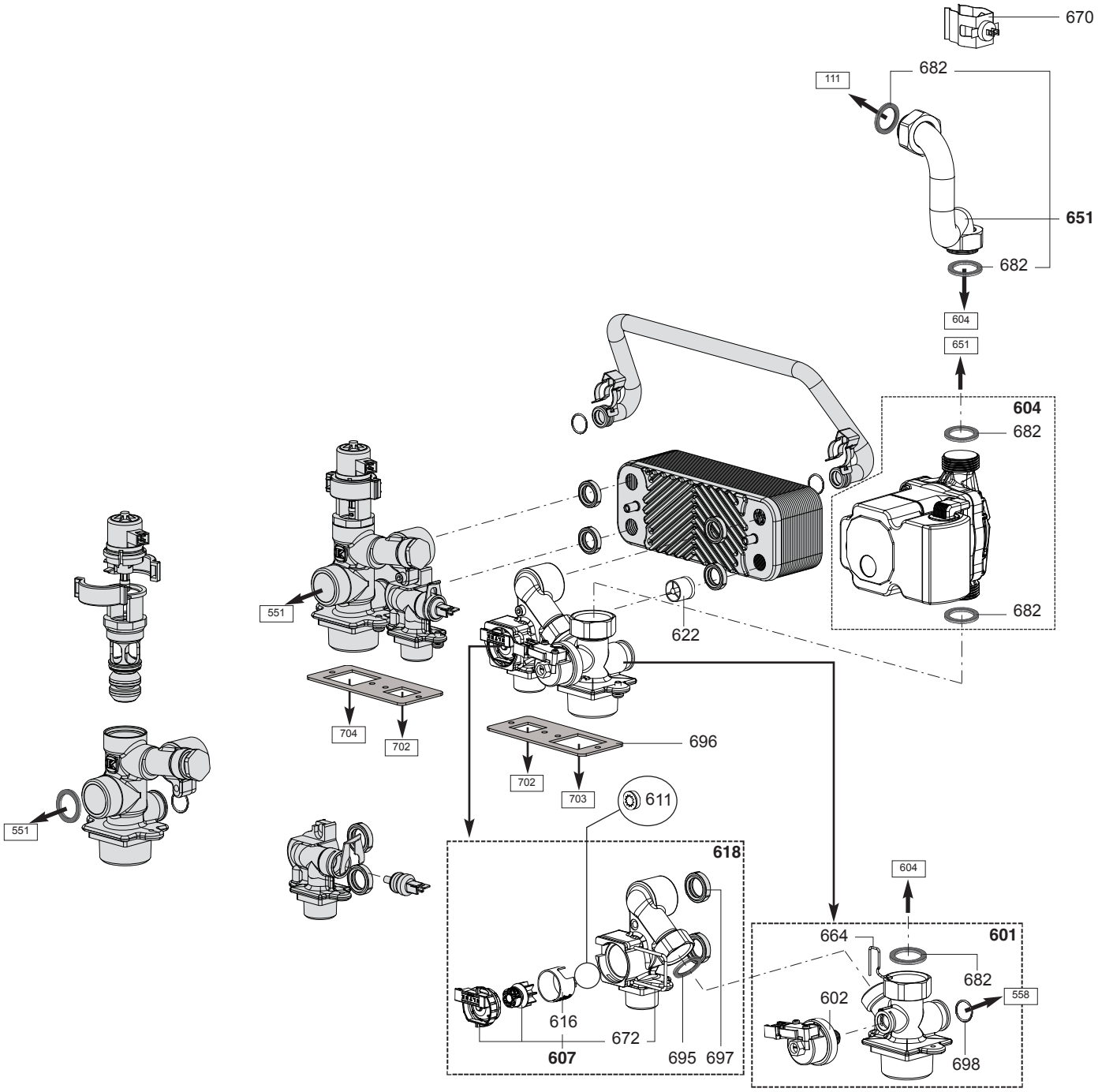


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	Description	Manf. Pt. N	Type	NC085 COMPASS	NC110 COMPASS	NC110(C) COMPASS	NC150 COMPASS	NC150(C) COMPASS	NC199 COMPASS	NC199(C) COMPASS	31	
				1	2	3	4	5	6	7	From	to
0500	FLOW GROUP											
0501	GROUP (3 WAY VALVE)	64980860				●		●		●		
	GROUP (3 WAY VALVE-SYSTEM)	64980859		●	●		●		●			
0505	MOTOR (3-WAY VALVE) steel shaft Moons	64980862		●	●	●	●	●	●	●		
0507	SANITARY HEAT EXCHANGER (27 P.)	64980203				●		●		●		
0508	SENSOR (NTC)	65121175				●		●		●		
0510	3-WAY VALVE (MOTOR MOONS+CARTDR.)	64980861		●	●	●	●	●	●	●		
0511	CLIP D:12	65104339				●		●		●		
0551	PIPE (C.H. OUTLET)	64980156		●	●	●	●	●	●	●		
0555	CLIP (BY-PASS PIPE-SYSTEM)	64980186		●	●	●	●	●	●	●		
0556	O-RING 13.95 X 2.62	64980202		●	●	●	●	●	●	●		
0558	BY-PASS PIPE	64980187		●	●		●		●			
	BY-PASS PIPE	64980197				●		●		●		
0562	GASKET, 1" Fibre AFM34/2 REINZ	64980701		●	●	●	●	●	●	●		
0568	EXCHANGER GASKET	65114928				●		●		●		
0570	CONNECTION M 3/4 NPT - M 3/4 G	64980188		●	●	●	●	●	●	●		
0585	GASKET 3/4 INCH (AFM34/2 REINZ)	573520		●	●		●		●			
0591	GASKET (HYDROBLOCK)	64980250		●	●	●	●	●	●	●		
0592	PIPE (CH OUTLET)	64980189		●	●		●		●			
0593	GROUP (DHW OUTLET)	64980194				●		●		●		



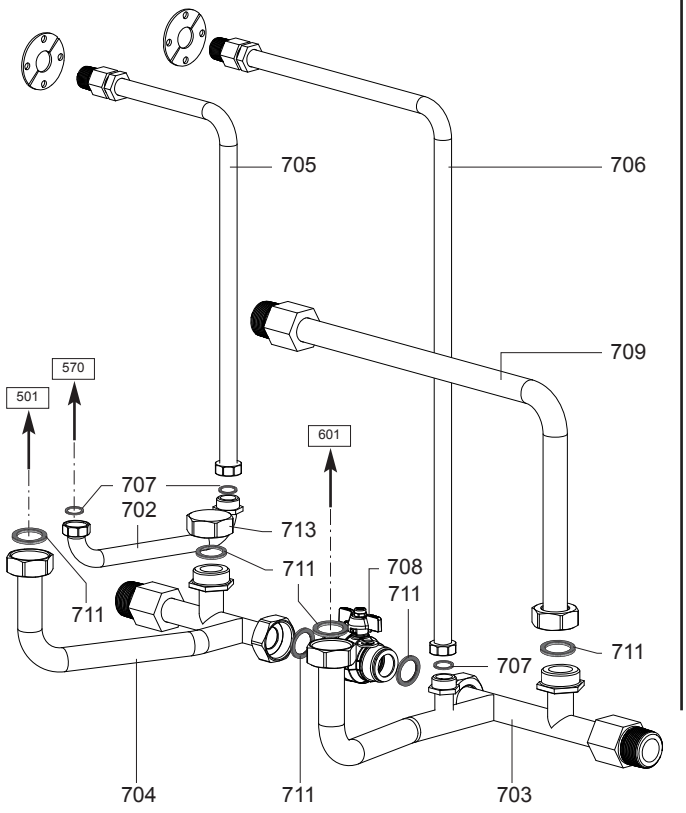
ONLY HEATING



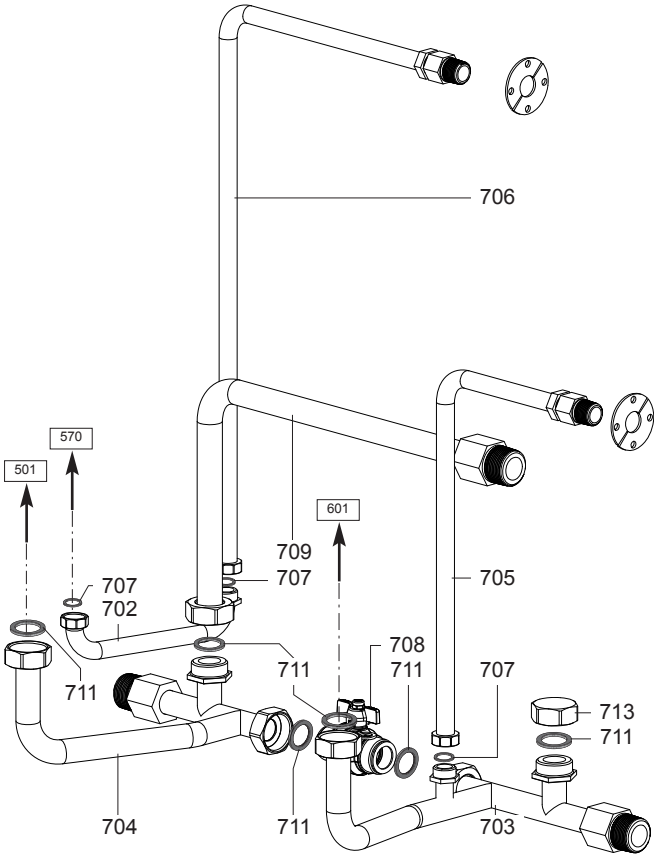
	Description	Manf. Pt. N	Type	NC085 COMPASS	NC110 COMPASS	NC110(C) COMPASS	NC150 COMPASS	NC150(C) COMPASS	NC199 COMPASS	NC199(C) COMPASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0600	RETURN GROUP																													
0601	GROUP (PUMP)	6500682300									●	●		●		●														
	GROUP (PUMP-COMBI)	64980221											●		●		●													
0602	PRESSURE SWITCH (PROPORTIONAL)	65115793									●	●	●	●	●	●	●													
0604	PUMP ES2 3VK 63-7C-C US VER STEP2	6500706000									●	●	●	●	●	●	●													
0607	FLOW METER	64980195											●		●		●													
0611	DHW FLOW RESTRICTORS (KIT)	64980196											●		●		●													
0616	DHW FILTER	64980266											●		●		●													
0618	GROUP (COLD WATER INLET)	64980220											●		●		●													
0622	BY-PASS	64980204									●	●	●	●	●	●	●													
0651	PIPE (C.H. RETURN)	64980155									●	●	●	●	●	●	●													
0664	CLIP	65104322									●	●	●	●	●	●	●													
0670	TEMPERATURE PROBE + CLIP	990686-01									●	●	●	●	●	●	●													
0672	CLIP (FLOW METER)	64980200											●		●		●													
0682	GASKET, 1" Fibre AFM34/2 REINZ	64980701									●	●	●	●	●	●	●													
0695	GASKET 3/4 INCH (AFM34/2 REINZ)	573520									●	●	●	●	●	●	●													
0696	GASKET (HYDROBLOCK)	64980250									●	●	●	●	●	●	●													
0697	EXCHANGER GASKET	65114928											●		●		●													
0698	O-RING 13.95 X 2.62	64980202											●		●		●													

NC085-NC110-NC150-NC199

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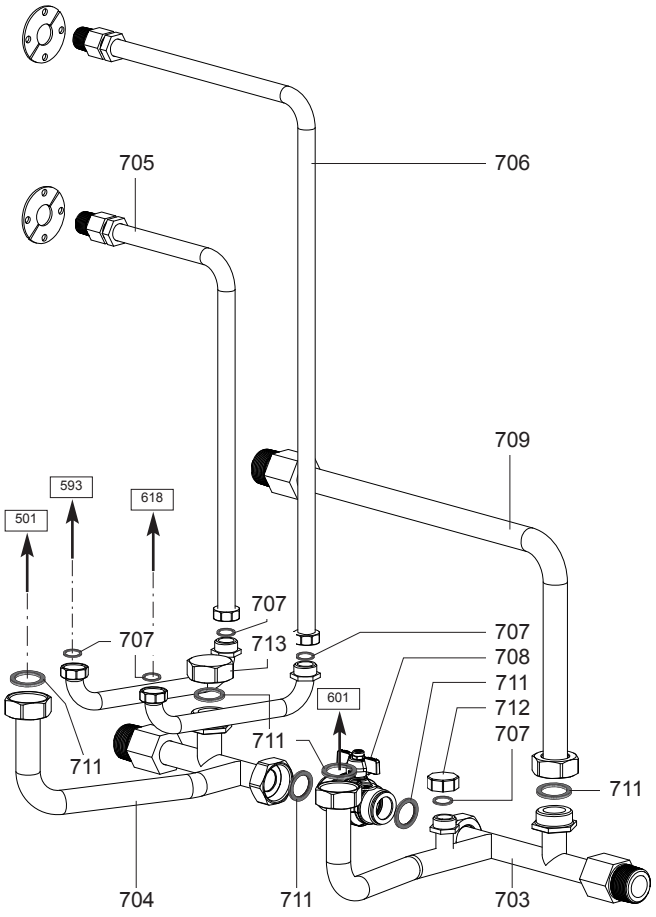


RIGHT

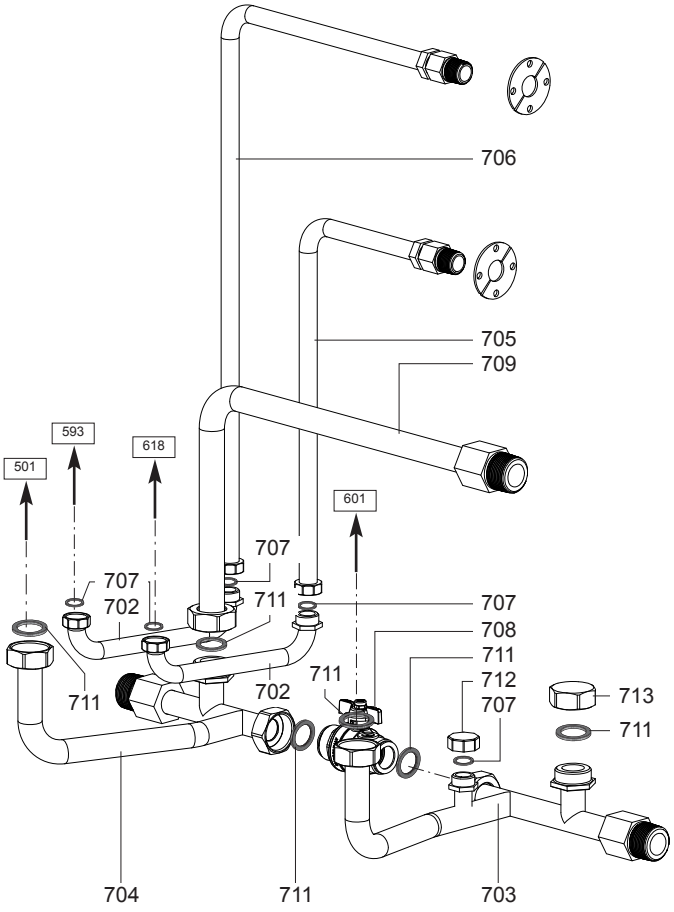


NC110C-NC150C-NC199C

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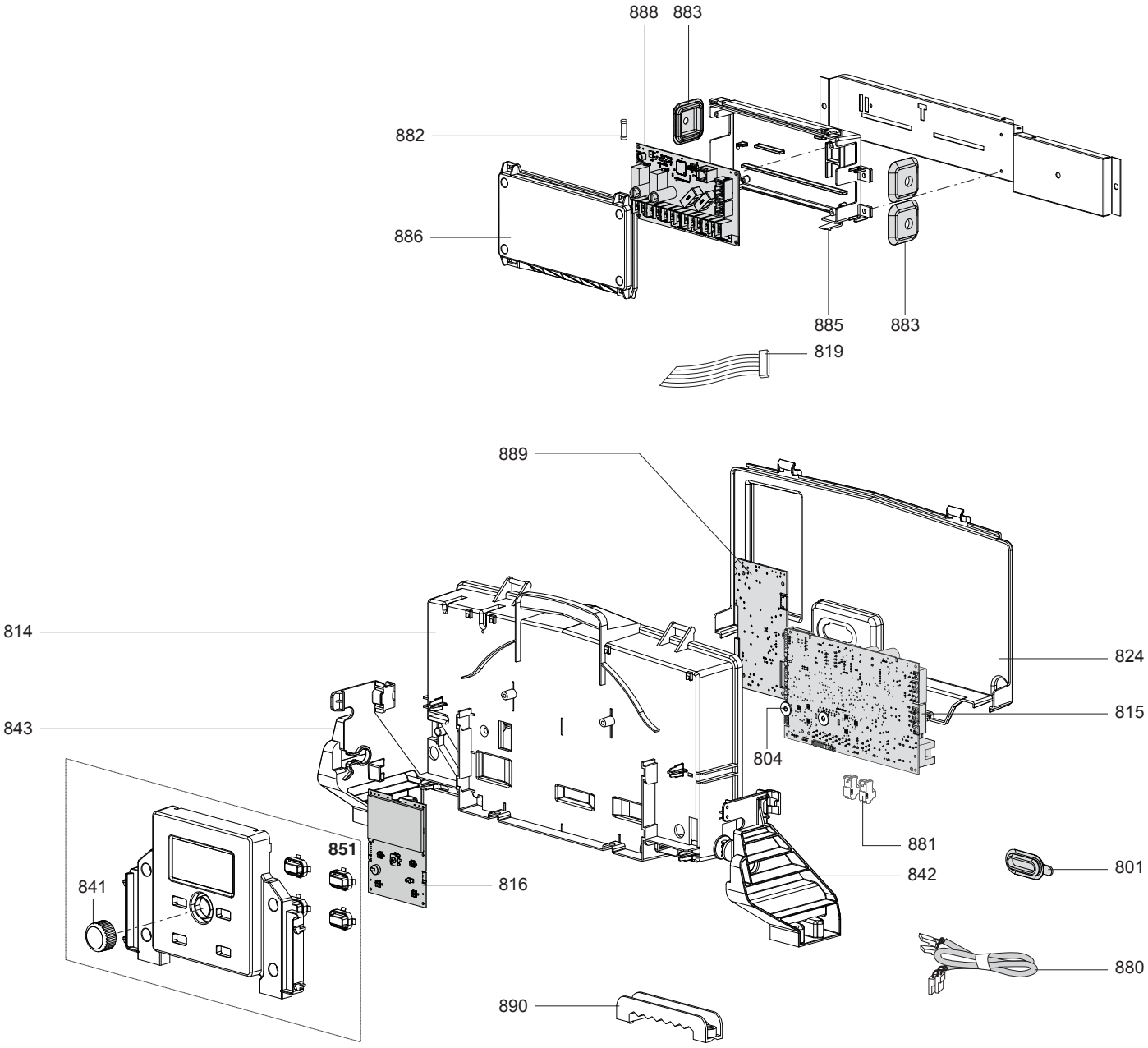


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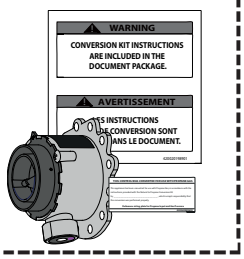
	Description	Manf. Pt. N	Type	NC085 COMPASS	NC110 COMPASS	NC110(C) COMPASS	NC150 COMPASS	NC150(C) COMPASS	NC199 COMPASS	NC199(C) COMPASS	8	9	10	11	12	13	14	15	16	17	18	From	to
				1	2	3	4	5	6	7													
0702	NC Lower Return Pipe (water)	6500707100		●	●	●	●	●	●	●													
0703	PIPE (LL HEADER-RETURN PIPE)	6500707200		●	●	●	●	●	●	●													
0704	PIPE LL-HEADER SUPPLY PIPE	6500707300		●	●	●	●	●	●	●													
0705	PIPE (DHW SUPPLY-RETURN SHORT)	6500707500		●	●	●	●	●	●	●													
0706	PIPE (DHW SIDE SUPPLY/RETURN)	6500707600		●	●	●	●	●	●	●													
0707	GASKET 3/4 INCH (AFM34/2 REINZ)	573520		●	●		●		●														
0708	ISOLATION VALVE, 1 ¼" M BSPP	64980719		●	●	●	●	●	●	●													
0709	PIPE (CH SUPPLY RETURN)	6500709500		●	●	●	●	●	●	●													
0710	WATER/GAS GASKET 1 INCH	569387		●	●	●	●	●	●	●													
0711	GASKET 1-1/4 IN (REINZ AFM 34/2)	6500709600		●	●	●	●	●	●	●													
0712	CAP, BRASS 3-4 STRAIGHT	6000087105		●	●		●		●														
0713	CAP (BRASS 1.25 BSSP)	6500708000		●	●	●	●	●	●	●													


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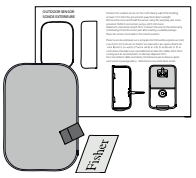
	Description	Manf. Pt. N	Type	NC085 COMPASS	NC110 COMPASS	NC110(C) COMPASS	NC150 COMPASS	NC150(C) COMPASS	NC199 COMPASS	NC199(C) COMPASS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
0800	**ELECTRICAL BOX**																													
0801	GROMMET(PCD TOOL ACCESS)	998382									●	●	●	●	●	●	●													
0804	CARD FIXING WASHER	65112054									●	●	●	●	●	●	●													
0814	CONTROL PANEL BASE	64980075									●	●	●	●	●	●	●													
0815	P.C.B. (MAIN)	6500604600									●	●	●	●	●	●	●													
0816	P.C.B. (DISPLAY)	6500604400									●	●	●	●	●	●	●													
0819	WIRING (WIFI)	6500670000									●	●	●	●	●	●	●													
0824	CONTROL PANEL COVER	64980402									●	●	●	●	●	●	●													
0841	DIAL	6500604500									●	●	●	●	●	●	●													
0842	CONTROL PANEL HINGE (R.H.Side)	64980234									●	●	●	●	●	●	●													
0843	CONTROL PANEL HINGE (L.H.Side)	64980235									●	●	●	●	●	●	●													
0851	CONTROL PANEL	6500679900									●	●	●	●	●	●	●													
0880	3-WAY VALVE CABLE	6500666100									●	●		●		●													
	3-WAY VALVE CABLE	6500670100											●		●		●													
	BLOWER POWER PIGTAIL (NRG118 TO NRG 128)	64980249														●	●													
	CABLE (BOILER POWER SUPPLY)	64980248									●	●	●	●	●	●	●													
	CABLE (DETECTION ELECTRODE)	64980097									●	●	●	●	●	●	●													
	CABLE (FAN-POWER SUPPLY)	6500670200									●	●	●	●	●	●	●													
	CABLE (JUNCTION BOX POWER SUPPLY)	6500669900									●	●	●	●	●	●	●													
	CABLE (PUMP 5M PWM TACO)	65118695									●	●	●	●	●	●	●													
	CABLE (PWM)	6500680100									●	●	●	●	●	●	●													
	CABLE (SPARK GENERATOR)	64980080									●	●	●	●	●	●	●													
	DISPLAY WIRING - 5 WIRES BLACK L=1000	6500719800									●	●	●	●	●	●	●													
	GAS VALVE CABLE	64980109									●	●	●	●	●	●	●													
	WIRING (FLUE SENS.-APS-DEL./RETURN NTC)	6500689400									●	●	●	●	●	●	●													
	WIRING (PUMP)	6500669800									●	●	●	●	●	●	●													
0881	CONNECTOR 2P	65111933									●	●	●	●	●	●	●													
0882	FUSE 5X20 RIT. 5 A 250V	65119782									●	●	●	●	●	●	●													
0883	GROMMET	6500604900									●	●	●	●	●	●	●													
0885	JUNCTION BOX BASE	6500605900									●	●	●	●	●	●	●													
0886	JUNCTION BOX COVER	6500605800									●	●	●	●	●	●	●													
0888	P.C.B. (JUNCTION BOX)	6500605700									●	●	●	●	●	●	●													
0889	P.C.B. (WIFI-REM4)	65120352-02									●	●	●	●	●	●	●													
0890	CABLE CLAMP	65103377									●	●	●	●	●	●	●													

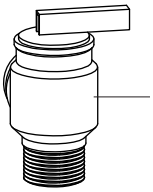
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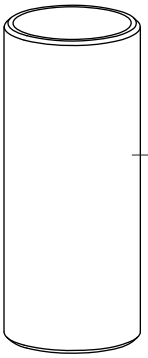


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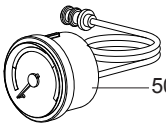




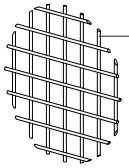
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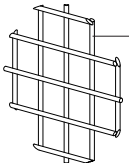
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5010



5023



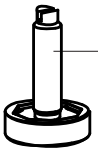
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5031

Gas Vent Directly Below
Keep Free of Obstructions

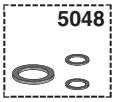


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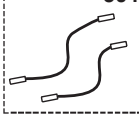


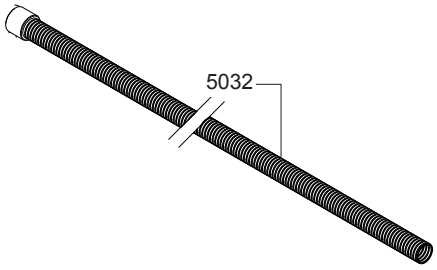
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5049





5032

	Description	Manf. Pt. N	Type	NC085 COMPASS	NC110 COMPASS	NC110(C) COMPASS	NC150 COMPASS	NC150(C) COMPASS	NC199 COMPASS	NC199(C) COMPASS	From	to
				1	2	3	4	5	6	7		
5000	JIG PLATE & PIPE FITTING											
5001	CONVERSION KIT (150 KW - LP)	6500690300					●	●				
	CONVERSION KIT (199 KW - LP)	6500690600							●	●		
	CONVERSION KIT (85-->110 KW - LP)	6500690100		●	●	●						
5002	OUTDOOR SENSOR	64980218		●	●	●	●	●	●	●		
5003	PRESSURE RELIEF VALVE	65118683		●	●	●	●	●	●	●		
5005	CPVC PIPE 3 in, SYSTEM 636, 5 in LONG	64980094		●	●	●	●	●	●	●		
5010	PRESSURE/TEMPERATURE GAUGE	65118685		●	●	●	●	●	●	●		
5022	INSTALLATION KIT (NC085-110/c)	6500707700		●	●	●						
	INSTALLATION KIT (NC150/c)	6500707800					●	●				
	INSTALLATION KIT (NC199/c)	6500707900							●	●		
5023	ROUND MESH,VENT SCREEN (2.25 in)	64980211		●	●	●	●	●				
5025	ROUND MESH, VENT SCREEN (3.375 in)	64980212		●	●	●	●	●	●	●		
5031	GAS VENT DIRECTLY BELOW DECAL	64980098		●	●	●	●	●	●	●		
5032	PLASTIC PIPE CONDENSATE DRAIN	65117092		●	●	●	●	●	●	●		
5046	TEE STRAIGHT 1.25IN X 0.5IN	6500708100		●	●	●	●	●	●	●		
5047	LEG, LEVELER ASSMBLD, 3-8-16 X 1.5	6000084072		●	●	●	●	●	●	●		
5048	ACCESSORIES KIT NC SPARE WATER GASKETS	6500719300		●	●	●	●	●	●	●		
5049	KIT JUMPER WIRES	6500452800		●	●	●	●	●	●	●		

IDENTIFICATION PLATE

SERIAL NUMBER

16 Characters : 21 03 31 20 XX 153101

- 21 — Fixed reference
- 03 — Month of manufacture
- 31 — Day of manufacture
- 20 — Year of manufacture
- XX — Sequencial number
- 153101 — Sequencial number

21 Characters : 3675007 XX 07 070 0000315

- 3675007 — Product reference
- 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.