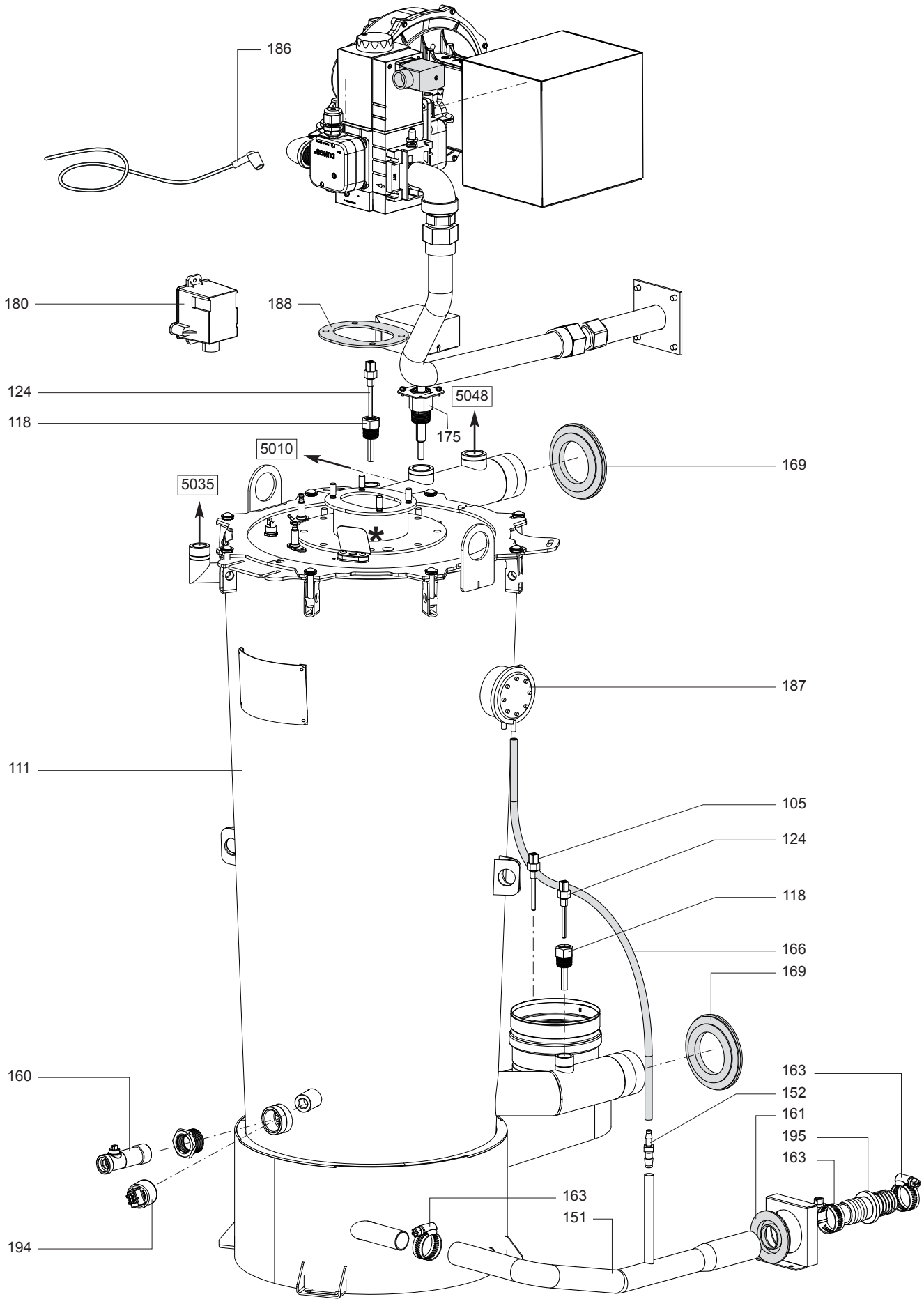
SPARE PARTS EXPLODED VIEW
GAS-STANDING CONDENSING BOILER

Model

TFTN 500-850.

R8219101-04 - 16/05/2025

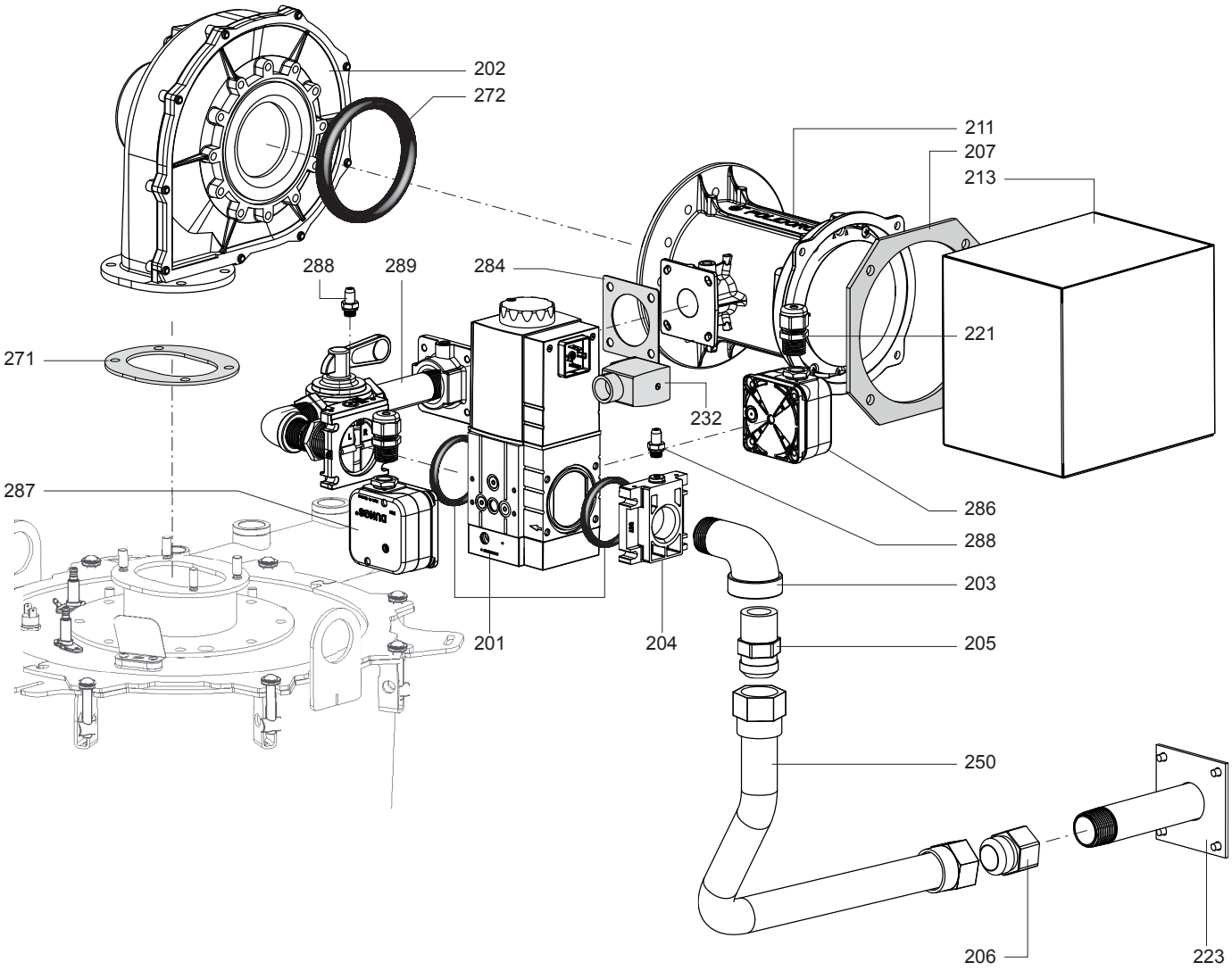
Col	Reference	Model type	Begin	End
1	3260165	TFTN500.	07-2023	-
2	3260166	TFTN600.	07-2023	-
3	3260167	TFTN725.	07-2023	-
4	3260168	TFTN850.	07-2023	-


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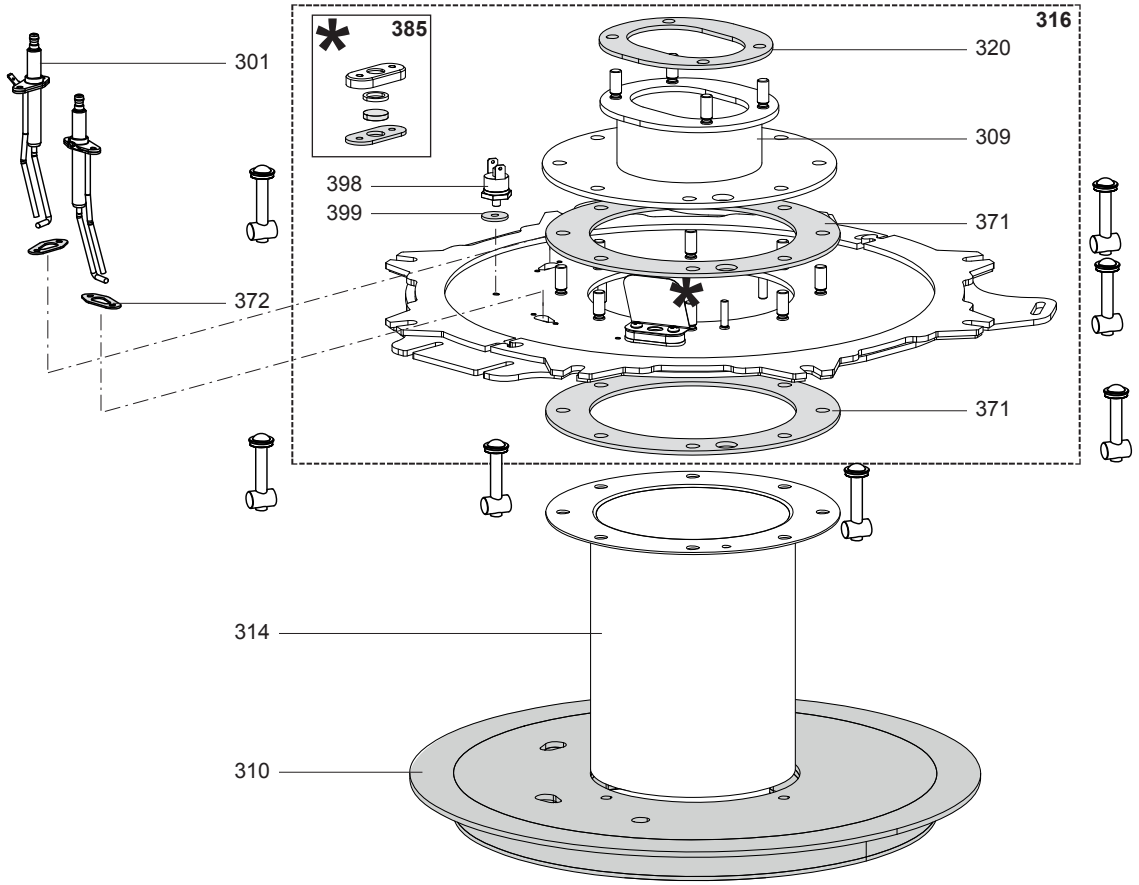
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	Description	Manf. Pt. N	Type	TFTN500. TFTN600. TFTN725. TFTN850. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	From	to
0100	**EXCHANGER**					
0105	NTC FLUE SENSOR 4X45 1/4 10K3 SS	64980174		● ● ● ●		
0111	HEAT EXCHANGER ASSEMBLY	64980802		●		
	HEAT EXCHANGER ASSEMBLY	64980805		●		
	HEAT EXCHANGER ASSEMBLY	64980828		● ●		
0118	SENSOR THERMOWELL, FULL SS AISI 316L	6000085314		● ● ● ●		
0123	AUTO AIR VENT, 1/2" NPT	64980459		● ● ● ●		
0124	SENSOR DUPLEX 2X10KOHM NTC ¼"BSP	6008531501		● ● ● ●		
0151	CONDENSATE TUBE	64980766		● ● ● ●		
0152	CONNECTOR TUBING 3/8 in x 1/4 in, barbed	64980244		● ● ● ●		
0160	DRAIN VALVE	64980748		● ● ● ●		
0161	GROMMET	64980635		● ● ● ●		
0163	HOSE CLAMP 11-16-1 1-2	6000083718		● ● ● ●		
0166	APS TUBE	64980643		● ● ●		
0169	GROMMET	64980764		● ●		
	GROMMET	64980803		● ●		
0175	LWCO KIT, FTG	6008636201		● ● ● ●		
0180	SPARK GENERATOR	64980469		● ● ● ●		
0186	CABLE (IGNITION ELECTRODE)	64980470		● ● ● ●		
0187	AIR PRESSURE SWITCH	65118678		● ● ● ●		
0188	GASKET (FAN)	6500811700		● ● ●		
	GASKET (FAN)	6500811800		●		
0194	WATER PRESSURE SENSOR	64980500		● ● ● ●		
0195	BARB FITTING	64980767		● ● ● ●		

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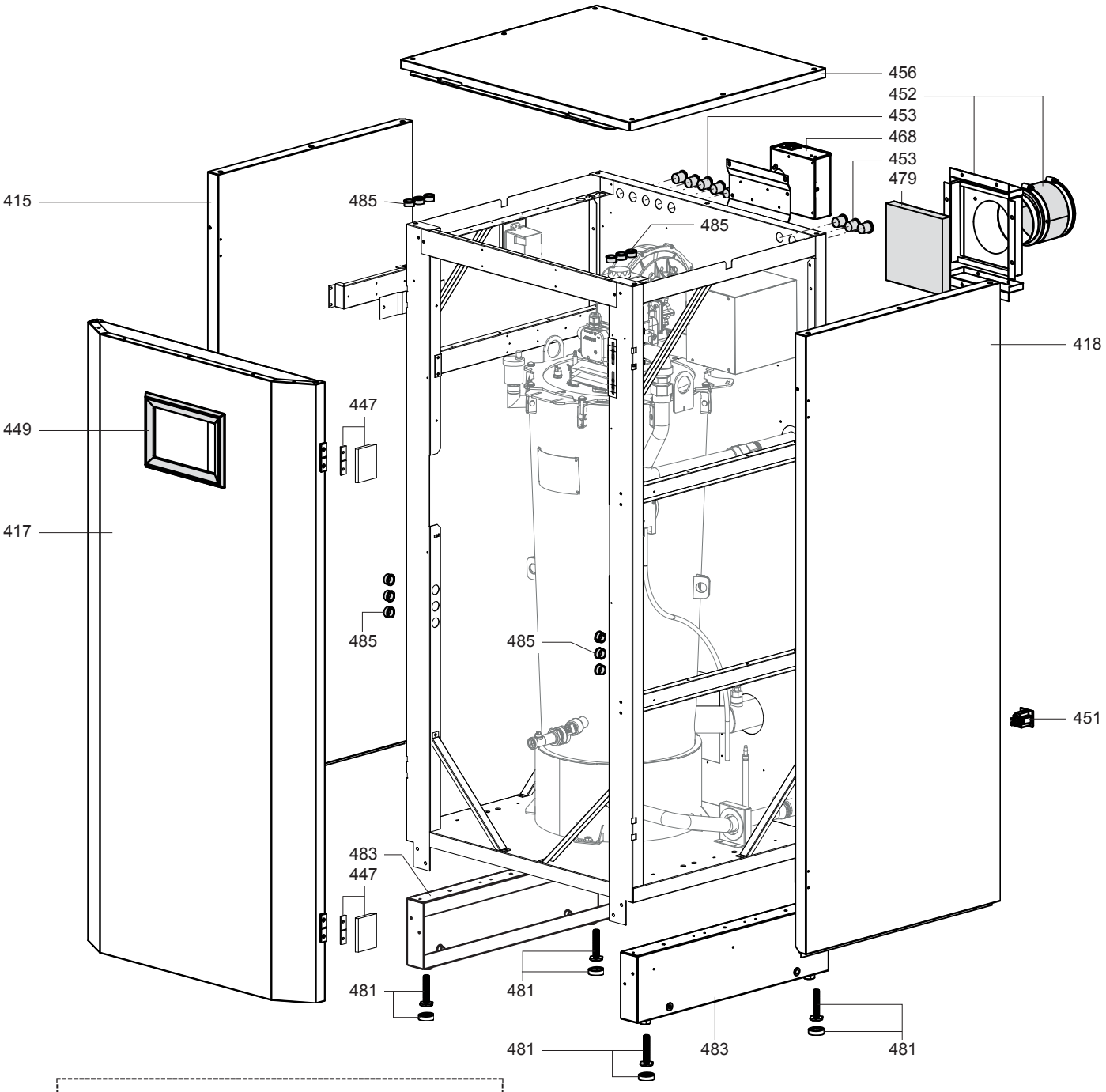


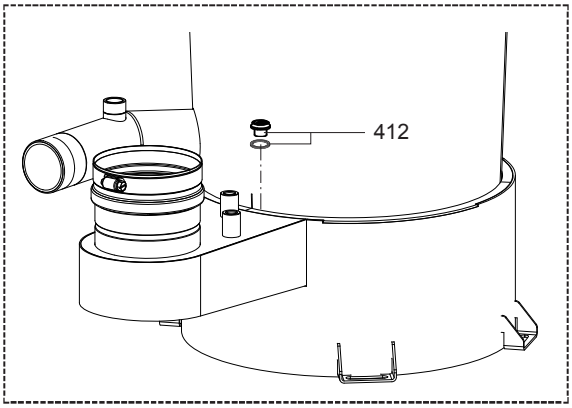
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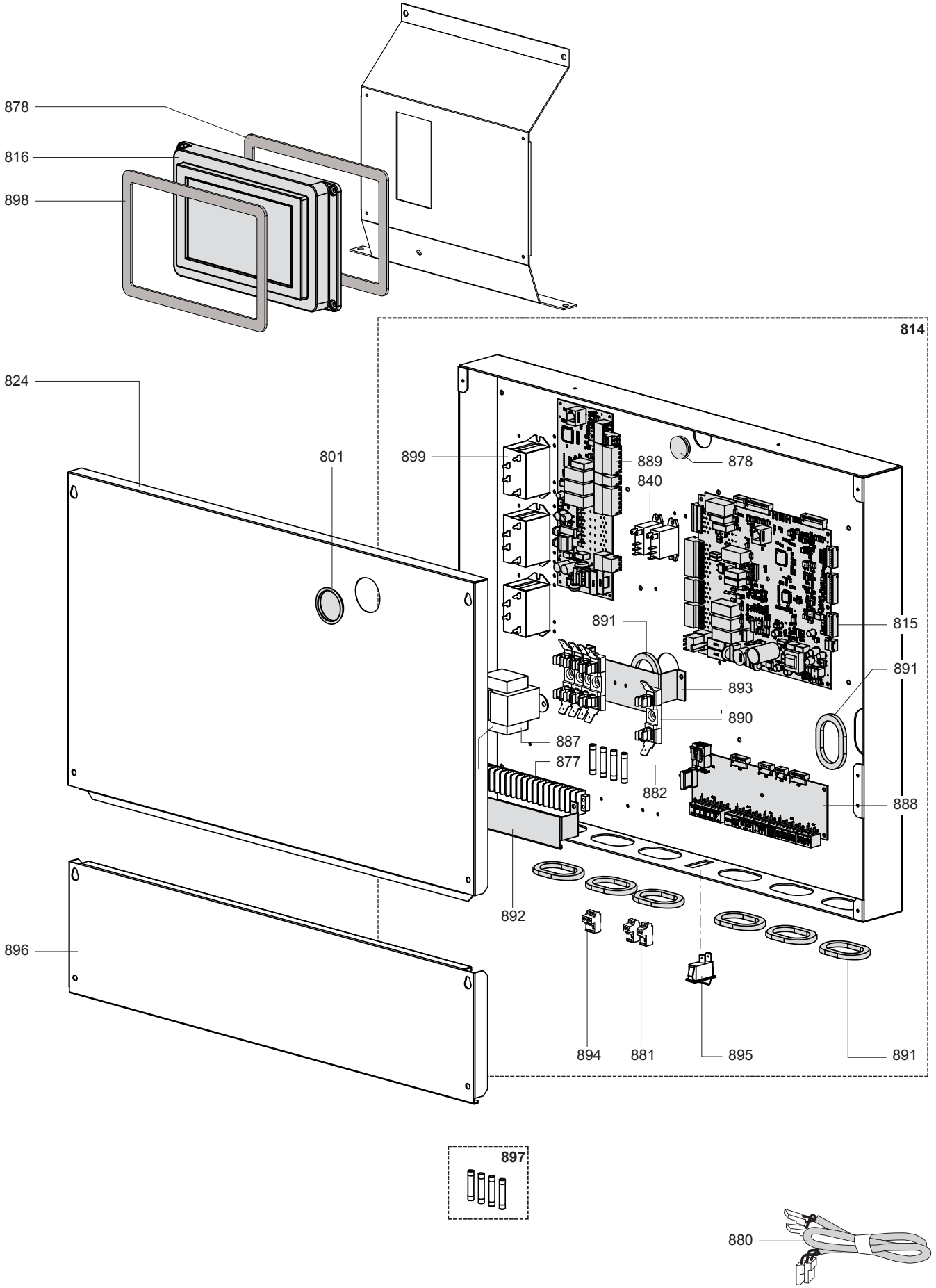
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	Description	Manf. Pt. N	Type	TFTN500.	TFTN600.	TFTN725.	TFTN850.	From	to
				1	2	3	4		
0200	**GAS SECTION**								
0201	GAS VALVE	64980752		●	●	●	●		
0202	FAN EBM PGT500-600-725	64980749		●	●	●			
	FAN Nautilair 8.9 120VAC	6500812800					●		
0203	ELBOW (GAS SUPPLY LINE)	64980754		●	●				
	ELBOW (GAS SUPPLY LINE)	64980826				●	●		
0204	FLANGE (GAS VALVE INLET)	64980755		●	●				
	FLANGE (GAS VALVE INLET)	64980796				●	●		
0205	MNPT X FLARE ADAPTER (GAS SUPPLY LINE)	64980757		●	●				
	MNPT X FLARE ADAPTER (GAS SUPPLY LINE)	64980799				●	●		
0206	FNPT X FLARE ADAPTER (GAS SUPPLY LINE)	64980758		●	●				
	FNPT X FLARE ADAPTER (GAS SUPPLY LINE)	64980797				●	●		
0207	GASKET (SILENCER-VENTURI)	64980768		●	●	●	●		
0211	LP CONVERSION KIT	64980743		●	●				
	LP CONVERSION KIT	64980801				●	●		
	VENTURI NG	64980750		●	●				
	VENTURI NG	64980795				●	●		
0213	SILENCER ASSEMBLY	64980763		●	●	●	●		
0221	CONDUIT CONNECTOR	64980822		●	●	●	●		
0223	GAS INLET ADAPTER	64980760		●	●				
	GAS INLET ADAPTER	64980823				●	●		
0232	CABLE SOCKET	64980821		●	●	●	●		
0250	FLEX PIPE (GAS SUPPLY LINE)	64980756		●	●				
	FLEX PIPE (GAS SUPPLY LINE)	64980794				●	●		
0271	GASKET (FAN)	6500811700		●	●	●			
	GASKET (FAN)	6500811800					●		
0272	O-RING (BLOWER INLET)	6000084084		●	●	●	●		
0284	GASKET, GAS INLET FLANGE	6000084087		●	●	●	●		
0286	HIGH GAS PRESSURE SWITCH	6500802100		●	●	●	●		
0287	GAS PRESSURE SWITCH (LOW)	64980745		●	●	●	●		
0288	BLEED SCREW (GAS VALVE FLANGE)	64980781		●	●	●	●		
0289	GAS LINE ASSY (GV/MIXER)	64980759		●	●				
	GAS LINE ASSY (GV/MIXER)	64980792				●	●		
0300	**BURNER HEAD**								
0301	ELECTRODE (IGNITION)	64980747		●	●	●	●		
0309	FAN PLATE	64980789		●	●				
	FAN PLATE	64980808					●		
	FAN PLATE	64980810				●			
0310	PIONEER REFRACTORY. PGT550	6500645300		●	●				
	PIONEER REFRACTORY. PGT700-850	6500645400				●	●		
0314	BURNER	6500806100				●	●		
	BURNER	6500809300		●	●				
0316	BURNER TOP PLATE	64980783		●	●				
	BURNER TOP PLATE	64980806				●			
	BURNER TOP PLATE	64980807					●		
0320	GASKET (FAN)	6500811700		●	●	●			
	GASKET (FAN)	6500811800					●		
0371	GASKET (BURNER)	6500801200		●	●	●	●		
0372	GASKET (ELECTRODE)	6500991800		●	●	●	●		
0385	SIGHT GLASS ASSMBLY	6000085641		●	●	●	●		
0398	THERMAL SWITCH, TOP PLATE	64980506		●	●	●	●		
0399	GASKET, THERMAL SWITCH TO TOP PLATE	64980507		●	●	●	●		


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	Description	Manf. Pt. N	Type	TFTN500. TFTN600. TFTN725. TFTN850. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	From	to
0400	**FRONT CASE**					
0412	FLUE TEST PORT	64980753		● ● ● ●		
0415	PANEL, LEFT SIDE	64980778		● ● ● ●		
0417	CASE PANEL (FRONT)	64980762		● ● ● ●		
0418	PANEL, RIGHT SIDE	64980777		● ● ● ●		
0447	DOOR LATCH	64980238		● ● ● ●		
0449	HMI BEZEL	64980505		● ● ● ●		
0451	RECEPTACLE, 120VAC	6000084423		● ● ● ●		
0452	AIR INLET ASSEMBLY	64980775		● ● ● ●		
0453	PLUG, 7/8 in BLACK DOME	6000084095		● ● ● ●		
0456	TOP PANEL	64980776		● ● ● ●		
0468	LWCO KIT, FTG	6008636201		● ● ● ●		
0479	AIR FILTER	64980751		● ● ● ●		
0481	LEG LEVELER	6000085355		● ● ● ●		
0483	LEG	64980786		● ● ● ●		
0485	GROMMET	64980761		● ● ● ●		

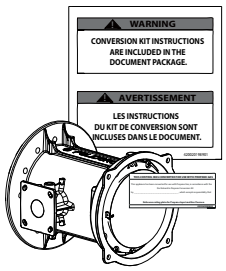

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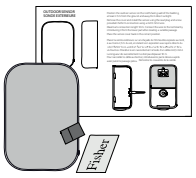
	Description	Manf. Pt. N	Type	TFTN500. TFTN600. TFTN725. TFTN850. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	From	to
0800	**ELECTRICAL BOX**					
0801	PLUG, CONTROL PANEL COVER	64980504		● ● ● ●		
0814	CONTROL PANEL (WITH HARNESS AND PCBS)	6500943000		● ● ● ●		
0815	MAIN PCB, ACP CONTROLLER ACP	6500814800		● ● ● ●		
0816	HMI, TFTN TOUCHSCREEN 7 in	64980468		● ● ● ●		
0824	COVER, CONTROL PANEL	64980770		● ● ● ●		
0840	RELAY, GAS VALVE	64980791		● ● ● ●		
0877	BARRIER, HIGH VOLT FIELD CONNECTION	64980536		● ● ● ●		
0878	GASKET, HMI AME	6500591700		● ● ● ●		
	GROMMET 1 in	64980267		● ● ● ●		
0880	WIRING, AUX1 PUMP	64980725		● ● ● ●		
	WIRING, AUX2 PUMP	64980726		● ● ● ●		
	WIRING, AUX2 PUMP/TRANSFOR.	64980727		● ● ● ●		
	WIRING, BLWR/VAR PUMP CTRL	64980728		● ● ● ●		
	WIRING, DHW PUMP	64980729		● ● ● ●		
	WIRING, EBUS, FIELD SENSORS	64980730		● ● ● ●		
	WIRING, FLAME SENSOR	64980731		● ● ● ●		
	WIRING, GAS VALVE	64980724		● ● ● ●		
	WIRING, GAS-IGNITER-LWCO	64980732		● ● ● ●		
	WIRING, GND	64980733		● ● ● ●		
	WIRING, HMI	64980734		● ● ● ●		
	WIRING, POWER SUPPLY	64980735		● ● ● ●		
	WIRING, WI-FI	64980736		● ● ● ●		
	WIRING, WPS, APS, TEMP/SW	64980737		● ● ● ●		
	WIRING, ZONE OUTPUTS	64980738		● ● ● ●		
	WIRING, ZONE SUPPLY	64980739		● ● ● ●		
0881	CONNECTOR 2P	65111933		● ● ● ●		
0882	FUSE, 2A, 32V, PLUG STYLE	64980476		● ● ● ●		
	FUSE, 2A, ZONE CONTROLLER, C3Z	64980480		● ● ● ●		
	FUSE, 5A, ZONE PUMPS	64980478		● ● ● ●		
	FUSE, 6.3A, MAIN PCB, ACP	64980479		● ● ● ●		
0887	TRANSFORMER 24V, 40VA	64980471		● ● ● ●		
0888	PCB, LOW VOLTAGE CONNECTION	64980475		● ● ● ●		
0889	PCB, 3-ZONE CONTROLLER	6500801400		● ● ● ●		
0890	FUSES HOLDER	64980477		● ● ● ●		
0891	WIRING GROMMET (45 mm)	64980526		● ● ● ●		
0892	COVER, HIGH VOLTAGE BARRIER	64980723		● ● ● ●		
0893	BRACKET, FUSE HOLDER	64980525		● ● ● ●		
0894	CONNECTOR 3P (x5)	65111934-01		● ● ● ●		
0895	ROCKER SWITCH 20A @125VAC, E- SWITCH	6000085970		● ● ● ●		
0896	COVER, FIELD WIRING	64980784		● ● ● ●		
0897	SPARE FUSE KIT (2 EACH)	6500939900		● ● ● ●		
0898	GASKET, HMI TO FRONT COVER	64980503		● ● ● ●		
0899	RELAY, PUMP, OMRON, ISOLATION 30A 120VAC	6000087558		● ● ● ●		

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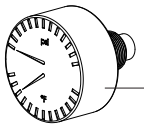


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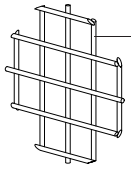




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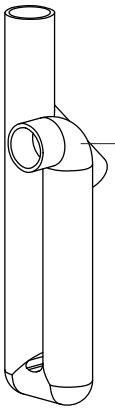
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Gas Vent Directly Below
Keep Free of Obstructions

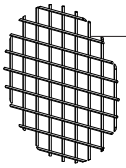
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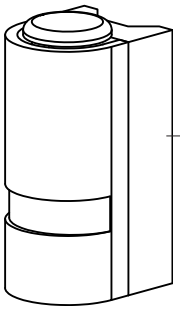
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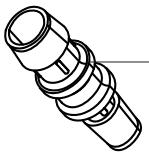




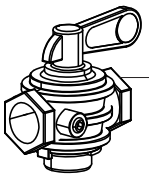
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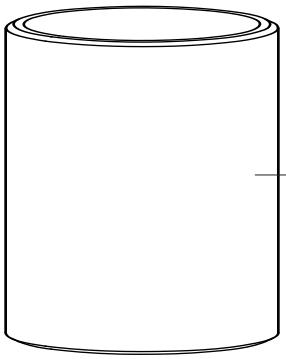
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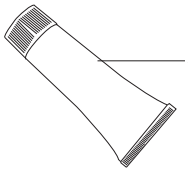
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	Description	Manf. Pt. N	Type	TFTN500.	TFTN600.	TFTN725.	TFTN850.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	From	to
5000	**JIG PLATE & PIPE FITTING**																										
5001	LP CONVERSION KIT	64980743						●	●																		
	LP CONVERSION KIT	64980801								●	●																
5002	OUTDOOR SENSOR	64980218						●	●	●	●																
5003	RELIEF VALVE3-4M X1FM,50 PSI	6000084088						●	●	●	●																
5010	TRIDICATOR 80PSI, 250F, TRX-FTX	6000086804						●	●	●	●																
5022	INSTALLATION KIT BOX	64980740						●	●																		
	INSTALLATION KIT BOX	64980798								●	●																
5025	ROUND MESH, VENT SCREEN (3.375 in)	64980212						●	●																		
	VENT SCREEN, 6.5 STAINLESS STEEL MESH	6000086234								●	●																
5031	DECAL, GAS VENT DIRECTLY BELOW	6000083008						●	●	●	●																
5032	CONDENSATE DRAIN TUBE	64980742						●	●	●	●																
5040	VENT SCREEN, 4.375 STAINLESS STEEL MESH	6000086233						●	●	●	●																
5044	SENSOR, SYSTEM PIPE SENSOR	6000084010						●	●	●	●																
5045	CONNECTOR TUBING	64980741						●	●	●	●																
5048	MANUAL SHUTOFF VALVE FTG1.2-1.4 IN.	6000085312								●	●																
	MANUAL SHUTOFF VALVE, 1" F NPT	6000084025						●	●																		
5049	THERMAL COMP.TASSERON 10PK (THXPAST)	6000085316						●	●	●	●																
5061	4" CPVC	64980744						●	●																		
	6" CPVC	64980800								●	●																
5062	HOSE CLAMP 11-16-1 1-2	6000083718						●	●	●	●																

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

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