

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
0			No faults				
4	s,s,s,s,l,s,s		Current for combustion air motor too high	Combustion air motor or cable harness defective	Check / replace combustion air motor	Check / replace cable harness	Replace PCB
5	s,s,s,s,l,s,l		Current for combustion air motor too low	Combustion air motor or cable harness defective	Check / replace combustion air motor	Check / replace cable harness	Replace PCB
6	s,s,s,s,l,l,s		Current for combustion air motor too high	Combustion air motor or cable harness defective	Check / replace combustion air motor	Check / replace cable harness	Replace PCB
8	s,s,s,l,s,s,s	Recheck flash code	Electronic fault	Failure in electronic PCB	Restart heater	Replace PCB	
10	s,s,s,l,s,l,s		Plausibility of combustion air temperature sensor	Combustion air temperature sensor outside tolerance range	Check cable of combustion air temperature sensor	Check (read) / replace combustion air temperature sensor	
11	s,s,s,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
16	s,s,s,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
19	s,s,s,l,s,s,l,l		Plausibility of electronic	Heater does not match electronics (e.g. 6 kW PCB in 4 kW heater)	Install correct electronics		
20	s,s,s,l,s,l,s,s		Plausibility of NTC water temperature	Water temperature sensor outside tolerance range	Check cable of water temperature sensor	Check (read) / replace water temperature sensor 20 °C 12.6 kOhm 25 °C 10.0 kOhm 40 °C 5.0 kOhm 50 °C 3.3 kOhm	

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
21	s,s,s,l,s,l,s,l		Plausibility of NTC room temperature	Room temperature sensor outside tolerance range	Check cable of room temperature sensor	Check (read) / replace room temperature sensor 15 °C 16.2 kOhm 20 °C 12.6 kOhm 25 °C 10.0 kOhm	
22	s,s,s,l,s,l,s,l		Plausibility of NTC air temperature	Air temperature sensor outside tolerance range	Check cable of air temperature sensor	Check (read) / replace air temperature sensor 20 °C 124.9 kOhm 25 °C 100.0 kOhm 50 °C 36.0 kOhm	Check the thermostat plate / air temperature switch / air temperature sensor for damage caused by overheating => Inform the customer service
23	s,s,s,l,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
24	s,s,s,l,l,s,s,s		Current for circulating air motor too high	Circulating air motor defective	Check (apply 12 V) / replace circulating air motor	Replace PCB	
25	s,s,s,l,l,s,s,l		Current for circulating air motor too low	Circulating air motor or connection plug failure	Check / replace circulating air motor	Replace PCB	
26	s,s,s,l,l,s,l,s		Current for circulating air motor too high	Circulating air motor defective	Check (apply 12 V) / replace circulating air motor	- Replace current electronics for latest replacement PCB (from version 12A) - Or replace with new electronics (from 4/13 or from 6/13)	
28	s,s,s,l,l,s,s		Current for control panel too high	Control panel or control panel cable defective	Check / replace control panel cable	Replace control panel	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
29	s,s,s,l,l,l,s,l		Current for FrostControl heating element too high	Heating element or cable defective	Check / replace heating element	Replace PCB	
30	s,s,s,l,l,l,l,s		Current for solenoid valve 2 KW retaining coil too high	Solenoid coil or cable harness defective	Check / replace solenoid coil	Check / replace cable harness	Replace PCB
31	s,s,s,l,l,l,l,l		Solenoid valve 4 KW attracting coil current too high	Solenoid coil or cable harness defective	Check / replace solenoid coil	Check / replace cable harness	Replace PCB
32	s,s,l,s,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
33	s,s,l,s,s,s,s,l		Current for solenoid valve 2 KW restraining coil too high	Solenoid coil or cable harness defective	Check / replace solenoid coil	Check / replace cable harness	Replace PCB
34	s,s,l,s,s,s,l,s		Solenoid valve 4 KW restraining coil current too high	Solenoid coil or cable harness defective	Check / replace solenoid coil	Check / replace cable harness	Replace PCB
35	s,s,l,s,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
36	s,s,l,s,s,l,s,s		Current for ignitor too high	Ignitor or cable harness defective	Replace ignitor	Check / replace cable harness	Replace PCB
37	s,s,l,s,s,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
38	s,s,l,s,s,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
39	s,s,l,s,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
40	s,s,l,s,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
41	s,s,l,s,l,s,s,l		Electronic blocked	Electronic blocked: - Because the air temperature switch and / or water temperature switch opened during operation due to over-heating - Because the air temperature switch cable is damaged - Due to a short-circuit of the combustion air temperature sensor (corresponds to temperatures > 215 °C)	- Check the heater for overheating damage (heat exchanger, water storage tank, in case of frost damage also check the FrostControl, ..) - Check the thermostat plate / air temperature switch / cable / air temperature sensor for overheating damage	- Replace water temperature switch , air temperature switch if necessary	- Unlock the electronics with the Truma Diagnose Tool ("Lock" symbol bottom right) - Replace electronic PCB
42	s,s,l,s,l,s,l,s		Window switch open	- Window sensor recognises open window - Bridge for window switch on electronics interrupted	- Close window - Check / replace window switch with cable	Check secure fit / contact of bridge on PCB	Replace PCB
43	s,s,l,s,l,s,l,l		Over voltage higher than 15 V	12 V power supply failure	Recondition power supply 12 V	Replace PCB	
44	s,s,l,s,l,l,s,s		Under voltage lower than 10.5 V	12 V power supply failure	Recondition power supply 12 V	Replace PCB	
45	s,s,l,s,l,l,s,l		No 230 V supply to Combi E	230 V power supply failure	Check 230 V voltage	Water temperature switch reset / check 230 V	

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
46	s,s,l,s,l,l,s		1) Control panel Combi or power selector switch Combi E defective 2) Combustion air motor or circulating air motor defective 3) Battery earth to the minus terminal Combi defective	1) Control panel or control panel cable defective - Power selector switch Combi E or control panel connection cable defective 2) Combustion air motor defective - Cable harness defective - Electronics defective (paint spray in control panel socket) - Internal connection between the (+) carbon brushes and/or circulating air motor and circulating air motor casing via carbon dust 3) Earth connection from the power supply is missing	1) Replace Combi control panel / or cable - Replace power selector switch Combi E and or control unit connecting cable 2) Replace circulating air motor 3) Check earth connection (ground cable) of power supply	- Check supply line of combustion air motor - black cable for short-circuit to ground or red cable for interruption - Replace cable harness - (If cable harness not damaged, replace combustion air motor)	Check electronic PCB for paint spray in control panel socket (replace electronic PCB)
47	s,s,l,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
49	s,s,l,l,s,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
50	s,s,l,l,s,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
51	s,s,l,l,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
52	s,s,l,l,s,l,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
53	s,s,l,l,s,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
54	s,s,l,l,s,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
55	s,s,l,l,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
56	s,s,l,l,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
57	s,s,l,l,l,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
58	s,s,l,l,l,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
59	s,s,l,l,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
60	s,s,l,l,l,l,s,s		Voltage fluctuation	Power supply not constant	Recondition power supply 12 V	Replace PCB	
61	s,s,l,l,l,l,s,l		Failure due to ignition procedure	Ignition spark interfering with electronics	Ignitor must have orange label, otherwise replace ignitor	Check ignitor / flame rectification electrode cable for damage / replace	Replace PCB
62	s,s,l,l,l,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
63	s,s,l,l,l,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
64	s,l,s,s,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
65	s,l,s,s,s,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
66	s,l,s,s,s,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
67	s,l,s,s,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
68	s,l,s,s,s,l,s,s		Failure due to ignition procedure	Ignition spark interfering with electronics	Ignitor must have orange label, otherwise replace ignitor	Check ignitor / flame rectification electrode cable for damage / replace	Replace PCB
69	s,l,s,s,s,l,s,l		Monitoring the current of the circulating air motor	- Electronics defective - Circulating air motor defective	Replace PCB	Replace the circulating air motor	

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
70	s,l,s,s,s,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
71	s,l,s,s,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
72	s,l,s,s,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
73	s,l,s,s,l,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
74	s,l,s,s,l,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
75	s,l,s,s,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
76	s,l,s,s,l,l,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
77	s,l,s,s,l,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
78	s,l,s,s,l,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
79	s,l,s,s,l,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
80	s,l,s,l,s,s,s,s		Voltage fluctuation / failure due to ignition procedure	<ul style="list-style-type: none"> - Power supply not constant - Ignition spark interfering with electronics - The electrode cable and the combustion air motor cable may not cross 	<ul style="list-style-type: none"> - Apply clean 12 V power supply - Install earth cable, part no.: 34020-57000 (see also service info CB_110925) - Ignitor must have orange label, otherwise replace ignitor 	Replace the electronics if the error occurs again	
81	s,l,s,l,s,s,s,l		Failure due to ignition procedure	Ignition spark interfering with electronics	Install earth cable, part no.: 34020-57000 (see also service info CB_110925)	<ul style="list-style-type: none"> - Check ignitor / flame rectification electrode cable for damage / replace - Check / adjust plug distances 	Replace the old ignitor with a new one with a blue label and red point or a blue label and Index 05

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
82	s,l,s,l,s,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
83	s,l,s,l,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
84	s,l,s,l,s,l,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
85	s,l,s,l,s,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
86	s,l,s,l,s,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
87	s,l,s,l,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
88	s,l,s,l,l,s,s,s		Failure due to ignition procedure	Ignition spark interfering with electronics	Ignitor must have orange label, otherwise replace ignitor	Check ignitor / flame rectification electrode cable for damage / replace	Replace PCB
89	s,l,s,l,l,s,s,l		Monitoring the current of the combustion air motor	- Electronics defective - Combustion air motor defective	Replace PCB	Replace the combustion air motor	
90	s,l,s,l,l,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
91	s,l,s,l,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
92	s,l,s,l,l,l,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
93	s,l,s,l,l,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
94	s,l,s,l,l,l,l,s		Combustion air motor running at incorrect speed	Heater too hot or combustion air temperature sensor has incorrect value	Check heater for damage due to overheating	- Check gas supply - Check / replace circulating air motor, flue system and combustion air temperature sensor	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
96	s,l,l,s,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
97	s,l,l,s,s,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
98	s,l,l,s,s,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
99	s,l,l,s,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
100	s,l,l,s,s,l,s,s		- Cable harness fault - Magnetic coils short circuit	Short-circuit on solenoid coils	- Restart heater - Check solenoid coils for short-circuit / replace	Replace PCB	Check / replace cable harness
101	s,l,l,s,s,l,s,l		- Cable harness fault - Igniter short circuit	Short-circuit on the ignitor	- Restart heater - Check igniter for short-circuit / replace	Replace PCB	Check / replace cable harness
102	s,l,l,s,s,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
103	s,l,l,s,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
104	s,l,l,s,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
105	s,l,l,s,l,s,s,l		Electronic fault	Failure in electronic PCB	Replace PCB		
106	s,l,l,s,l,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
107	s,l,l,s,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
108	s,l,l,s,l,l,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
109	s,l,l,s,l,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
110	s,l,l,s,l,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
111	s,l,l,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
112	s,l,l,s,s,s,s		1) Flame not detected 2) Poor earth or battery earth to the minus terminal Combi defective	1) Flame out or not detected (error may only occur after 3 - 5 minutes) - Magnetic valve nozzle pipe canted 2) Earth connection from the power supply is poor or does not exist	1) - Check gas supply - Check installation of solenoid valve 2) Check earth connection of power supply	Install earth cable, part no.: 34020-57000 (see also service info CB_110925)	- Check exhaust gas system - Replace the ignitor plug kit - Replace the solenoid valve - Replace the electronics
113	s,l,l,s,s,s,l		Flame not expected	Ionization voltage present in standby mode	Check solenoid valve (stuck in open position)	Replace PCB	
114	s,l,l,s,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
115	s,l,l,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
116	s,l,l,s,l,s,s		Dirty supply voltage	AC components in power supply	Check power supply, AC components also possible through power supply units or solar systems	Only operate heater with battery	Replace PCB
117	s,l,l,s,l,s,l		Dirty supply voltage	AC components in power supply	Check power supply, AC components also possible through power supply units or solar systems	Only operate heater with battery	Replace PCB
118	s,l,l,s,l,s,s		RPM of combustion engine too low	Combustion air motor running too slowly or outside tolerance range	Replace electronic PCB (if the Index is lower than 4/12, 6/12)	Replace the combustion air motor	

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
119	s,l,l,l,s,l,l		RPM of combustion engine too high	- Combustion air motor running too fast or outside tolerance range - Ignition spark interfering with electronics	Ignitor must have orange label, otherwise replace ignitor	Check ignitor / flame rectification electrode cable for damage / replace	Replace combustion air motor and / or electronic PCB
120	s,l,l,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
121	s,l,l,l,s,s,l		Flame unstable	Flame unstable during operation	Check gas supply	Check flue system	- Change ignition plugs - Change electronics
122	s,l,l,l,s,l,s		- Gas pressure regulation system defective - Electronics defective	- Gas supply interrupted - Error in the electronics	Check / replace the gas pressure regulation system	- Restart the heater - Check the power supply	Replace PCB
123	s,l,l,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
124	s,l,l,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
125	s,l,l,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
126	s,l,l,l,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
127	s,l,l,l,l,l,l		Electronic defective or combustion air motor running at incorrect speed	- Failure in electronic PCB - Combustion air motor defective - Cable harness defective	Check / replace cable harness	Replace the combustion air motor	Replace PCB
128	l,s,s,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
129	l,s,s,s,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
130	l,s,s,s,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
131	l,s,s,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
133	l,s,s,s,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
134	l,s,s,s,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
135	l,s,s,s,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
136	l,s,s,l,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
137	l,s,s,l,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
138	l,s,s,l,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
139	l,s,s,l,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
140	l,s,s,l,l,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
141	l,s,s,l,l,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
142	l,s,s,l,l,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
143	l,s,s,l,l,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
144	l,s,l,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
145	l,s,l,s,s,s,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
146	l,s,l,s,s,l,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
147	l,s,l,s,s,l,l		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
148	I,s,s,I,s,I,s,s		Combustion air temperature sensor overheating	Electronic blocked: - Because the combustion air temperature sensor became too hot during operation due to over-heating - Due to a short-circuit of the combustion air temperature sensor	- Check the heater for overheating damage (heat exchanger, water storage tank, in case of frost damage also check the FrostControl, ..)	- Check / replace combustion air temperature sensor and cable harness - Check / replace circulating air motor	- Unlock the electronics with the Truma Diagnose Tool ("Lock" symbol bottom right) - Replace electronic PCB
149	I,s,s,I,s,I,s,I	(Cannot be read by the Truma Diagnose Tool because they are not TIN capable)	Water temperature switch over-temperature or air temperature switch over-temperature	Electronic blocked: - Because the air temperature switch and / or water temperature switch opened during operation due to over-heating - Because the air temperature switch cable is damaged - Due to a short-circuit of the combustion air temperature sensor (corresponds to temperatures > 215 °C)	- Check the heater for over-heating damage - Check the thermostat plate /air temperature switch / air temperature sensor for damage caused by overheating => Inform the customer service	- Check / replace the water temperature switch and water temperature sensor - Check / replace the air temperature switch / sensor and cable - Check / replace the circulating air motor	Replace PCB
150	I,s,s,I,s,I,I,s	(Cannot be read by the Truma Diagnose Tool because they are not TIN capable)	Air temperature switch over-temperature or water temperature switch over-temperature	Electronic blocked: - Because the air temperature switch and / or water temperature switch opened during operation due to over-heating - Because the air temperature switch cable is damaged - Due to a short-circuit of the combustion air temperature sensor (corresponds to temperatures > 215 °C)	- Check the heater for over-heating damage - Check the thermostat plate /air temperature switch / air temperature sensor for damage caused by overheating => Inform the customer service	- Check / replace the water temperature switch and water temperature sensor - Check / replace the air temperature switch / sensor and cable - Check / replace the circulating air motor	Replace PCB
160	I,s,I,s,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
161	I,s,I,s,s,s,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
162	I,s,I,s,s,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
163	I,s,I,s,s,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
164	I,s,I,s,s,I,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
165	I,s,I,s,s,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
166	I,s,I,s,s,I,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
167	I,s,I,s,s,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
168	I,s,I,s,I,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
169	I,s,I,s,I,s,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
170	I,s,I,s,I,s,I,s		Voltage fluctuation / failure due to ignition procedure	<ul style="list-style-type: none"> - Power supply not constant - Ignition spark interfering with electronics - The electrode cable and the combustion air motor cable may not cross 	<ul style="list-style-type: none"> - Apply clean 12 V power supply - Install earth cable, part no.: 34020-57000 (see also service info CB_110925) - Ignitor must have orange label, otherwise replace ignitor 	Replace the electronics if the error occurs again	
171	I,s,I,s,I,s,I,I		Failure due to ignition procedure	Ignition spark interfering with electronics	Ignitor must have orange label, otherwise replace ignitor	Check ignitor / flame rectification electrode cable for damage / replace	Replace PCB
172	I,s,I,s,I,I,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
173	I,s,I,s,I,I,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
174	I,s,I,s,I,I,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
175	I,s,I,s,I,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
176	I,s,I,I,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
177	I,s,I,I,s,s,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
178	I,s,I,I,s,s,I,s		Failure due to ignition procedure	Ignition spark interfering with electronics	Install earth cable, part no.: 34020-57000 (see also service info CB_110925)	- Check ignitor / flame rectification electrode cable for damage / replace - Check / adjust plug distances	Replace the old ignitor with a new one with a blue label and red point or a blue label and Index 05
180	I,s,I,I,s,I,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
181	I,s,I,I,s,I,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
182	I,s,I,I,s,I,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
183	I,s,I,I,s,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
184	I,s,I,I,I,s,s,s		Combustion air motor running at incorrect speed	Heater too hot or combustion air temperature sensor has incorrect value	Check heater for damage due to overheating	- Check gas supply - Check / replace circulating air motor, flue system and combustion air temperature sensor	Replace PCB
186	I,s,I,I,I,s,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
187	I,s,I,I,s,I,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
188	I,s,I,I,I,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
189	I,s,I,I,I,I,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
190	I,s,I,I,I,I,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
191	I,s,I,I,I,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
192	I,I,s,s,s,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
193	I,I,s,s,s,s,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
194	I,I,s,s,s,s,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
195	I,I,s,s,s,s,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
196	I,I,s,s,s,I,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
197	I,I,s,s,s,I,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
198	I,I,s,s,s,I,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
199	I,I,s,s,s,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
200	I,I,s,s,I,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
201	I,I,s,s,I,s,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
202	I,I,S,S,I,S,I,S		1) Flame not detected 2) Poor earth or battery earth to the minus terminal Combi defective	1) Flame out or not detected (error may only occur after 3 - 5 minutes) - Magnetic valve nozzle pipe canted 2) Earth connection from the power supply is poor or does not exist	1) - Check gas supply - Check installation of solenoid valve 2) Check earth connection of power supply	Install earth cable, part no.: 34020-57000 (see also service info CB_110925)	- Check exhaust gas system - Replace the ignitor plug kit - Replace the solenoid valve - Replace the electronics
203	I,I,S,S,I,S,I,I		Flame not expected	Ionization voltage present in standby mode	Check solenoid valve (stuck in open position)	Replace PCB	
206	I,I,S,S,I,I,I,S		Dirty supply voltage	AC components in power supply	Check power supply, AC components also possible through power supply units or solar systems	Only operate heater with battery	Replace PCB
207	I,I,S,S,I,I,I,I		Dirty supply voltage	AC components in power supply	Check power supply, AC components also possible through power supply units or solar systems	Only operate heater with battery	Replace PCB
208	I,I,S,I,S,S,S,S		RPM of combustion engine too low	Combustion air motor running too slowly or outside tolerance range	Replace electronic PCB (if the Index is lower than 4/12, 6/12)	Replace the combustion air motor	
209	I,I,S,I,S,S,S,I		RPM of combustion engine too high	- Combustion air motor running too fast or outside tolerance range - Ignition spark interfering with electronics	Ignitor must have orange label, otherwise replace ignitor	Check ignitor / flame rectification electrode cable for damage / replace	Replace combustion air motor and / or electronic PCB
210	I,I,S,I,S,S,I,S		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
211	I,I,S,I,S,S,I,I		Flame unstable	Flame unstable during operation	Check gas supply	Check flue system	- Change ignition plugs - Change electronics
212	I,I,S,I,S,I,S,S		- Gas pressure regulation system defective - Electronics defective	- Gas supply interrupted - Error in the electronics	Check / replace the gas pressure regulation system	- Restart the heater - Check the power supply	Replace PCB
213	I,I,S,I,S,I,S,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
214	I,I,S,I,S,I,I,S		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
215	I,I,S,I,S,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
216	I,I,S,I,I,S,S,S		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
217	I,I,S,I,I,S,S,I		Electronic defective or combustion air motor running at incorrect speed	- Failure in electronic PCB - Combustion air motor defective - Cable harness defective	Check / replace cable harness	Replace the combustion air motor	Replace PCB
218	I,I,S,I,I,S,I,S		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
219	I,I,S,I,I,S,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
220	I,I,S,I,I,I,S,S		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
221	I,I,S,I,I,I,S,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
223	I,I,S,I,I,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
224	I,I,I,S,S,S,S,S		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
225	I,I,I,S,S,S,S,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
226	I,I,I,s,s,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
227	I,I,I,s,s,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
228	I,I,I,s,s,I,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
229	I,I,I,I,s,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
230	I,I,I,s,s,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
231	I,I,I,s,s,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
232	I,I,I,s,I,s,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
233	I,I,I,s,I,s,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
234	I,I,I,s,I,s,I,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
235	I,I,I,s,I,s,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
236	I,I,I,s,I,I,s,s		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
237	I,I,I,s,I,I,I		Electronic fault	Failure in electronic PCB	Restart heater	Check power supply	Replace PCB
238	I,I,I,s,I,I,I,s	(Cannot be read by the Truma Diagose Tool because they are not TIN capable)	Combustion air temperature sensor overheating	Electronic blocked: - Because the combustion air temperature sensor became too hot during operation due to over-heating - Due to a short-circuit of the combustion air temperature sensor	Check heater for damage due to overheating	- Check / replace combustion air temperature sensor and cable harness - Check / replace circulating air motor	Replace PCB

List of flash codes Combi (E)

Combi 4/08
V 01.00.61



#	Flashcode	Note	Error	Error information	1st action	2nd action	3rd action
239	I,I,I,s,I,I,I,I	(Cannot be read by the Truma Diagose Tool because they are not TIN capable)	Water temperature switch over-temperature or air temperature switch over-temperature	Electronic blocked: - Because the water temperature switch and / or air temperature switch opened during operation due to over-heating	- Check the heater for over-heating damage - Check the thermostat plate /air temperature switch / air temperature sensor for damage caused by overheating => Inform the customer service	- Check / replace the water temperature switch and water temperature sensor - Check / replace the air temperature switch / sensor and cable - Check / replace the circulating air motor	Replace PCB
240	I,I,I,I,s,s,s,s	(Cannot be read by the Truma Diagose Tool because they are not TIN capable)	Air temperature switch over-temperature or water temperature switch over-temperature	Electronic blocked: - Because the air temperature switch and / or water temperature switch opened during operation due to over-heating	- Check the heater for over-heating damage - Check the thermostat plate /air temperature switch / air temperature sensor for damage caused by overheating => Inform the customer service	- Check / replace the water temperature switch and water temperature sensor - Check / replace the air temperature switch / sensor and cable - Check / replace the circulating air motor	Replace PCB