














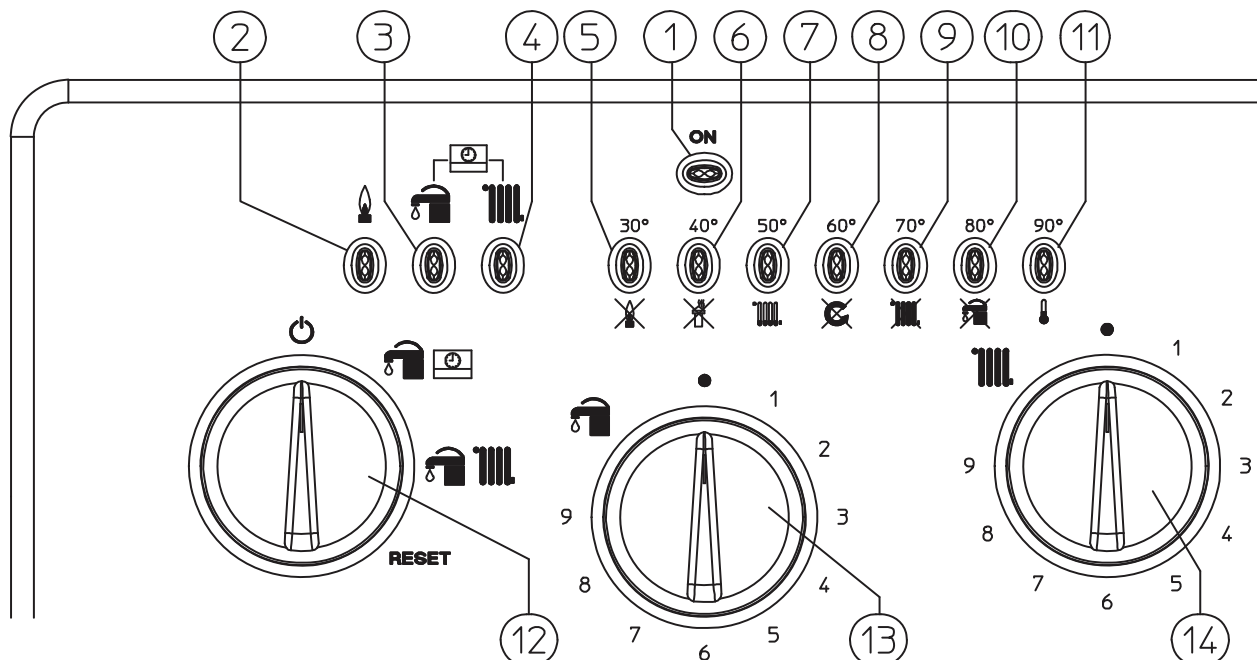


Fault Code	LED Flashing	Screen Display	CAR ^{v2} Remote Display	Cause / Remedy
No ignition block	LED 5 ()	30	E01	No Gas Lock out. (Could also be condensate blocked)
Flue pressure switch fault	LED 6 ()	40	E11	Check air pressure switch (hose). Hoses connect on the Right hand side
Insufficient system pressure	LED 7 ()	50	E10	Set gauge under boiler to 1.5 bar
Circulation insufficient	LED 8 ()	60	E27	Check pump spindle valves on, check air locks, open auto air vent
Flow probe fault	LED 9 ()	70	E05	Check NTC probe connection on the top right hand side of the heat exchanger. If fault continues, service technician is required.
Domestic hot water probe fault	LED 10 ()	80	E06	Check flow sensor on top Right hand side of heat exchanges is connected
Safety thermostat (overheating), flue thermostat or control fault	LED 11 ()	90	E02	Flue thermostat overheating. Turn main switch (12) to reset position or use the reset key on the CAR ^{v2} . If fault continues, service technician is required.
Contact resistance block	LED 6 () and 10 () simultaneous flashing	40/80	E02 and E04 alternating flashing	Safety thermostat overheating. Turn main switch (12) to reset position. If fault continues, service technician is required.
Flame rectification fault	LED 2 () and LED 11 () simultaneous flashing	 /90	E02 and E20 alternating flashing	Flame detection fault. Turn main switch (12) to reset position. If fault continues, service technician is required.
Comando Remoto communication RS232 offline	LEDs 3 and 4 alternating flashing ()	 / 	E31	Turn main switch (12) to reset position. If the CAR ^{v2} is not detected upon re-starting, the boiler will default to local operating mode



No:	Description	✓ when complete
1	Read the instruction manuals supplied with this boiler carefully	
2	Before installing the boiler, flush out the pipes until clean water is achieved. If replacing an old boiler, Hunt Heating recommends a power flush	
3	Turn off all services to the boiler - water, gas and power. Install the boiler as shown in the instructions following and connect all services.	
4	Turn on water to fill system, check for leaks regularly and bleed air from all points. Bleed the air from all of the pumps in the system and rotate the impeller shaft.	
5	Check that all radiator valves are open, all lock shields are removed and the thermostatic valve heads are fully open.	
6	Turn ON gas, bleed air out at the isolation valve union. Reseal and check for gas leaks.	
7	Turn electricity on at the power point. At the front panel of the boiler, set the temperature setting to the lowest setting, switch boiler to ON position.	
8	Turn the room thermostat to the manual ON position and set the temperature to a high level so that it does not switch off during the commissioning phase. The thermostat will unusually click and show an Indicator in the window.	
9	Boiler should start fan, pump and ignite gas. If it fails the first few times this may just be residual air in the gas line. A noisy water pump indicates there is air in the water pipes.	
10	Boiler lights and heats the water. Check gas flame in the correct colour and for gas and water leaks as the system heats up.	
11	Check that heat is circulating to all radiators through the manual or thermostatic radiator valve located on the flow pipe (unless reverse thermostatic valves)	
12	Allow the boiler to heat up to the set temperature and switch off. Re-adjust the boiler temperature to a mid temperature point. CAUTION, if this is connected to a floor heating system, the boiler should re light and increase the water temperature to the new setting.	
13	Check that all radiators are hot all the way up. If the radiator is cold at the top, then there is usually air in the radiator which you will need to bleed. Balance the system so that all radiators are hot as according to the radiator installation manual. Adjust the boiler water temperature	
14	Set the room thermostat to the correct times and temperatures according to the manufacturer's instructions.	
15	On completion of the commissioning phase, complete the information sheet at the front of this manual. Hand over the installation manual to the owner and demonstrate how the system works plus basic fault resolution and safety procedures. Make sure that this important document is kept in a safe accessible place.	

Connect CARV2 thermostat to terminals **42 & 43**.

Connect own after market thermostat to terminals **40 & 41**.

Make sure selector switch is set to correct position depending on which thermostat is installed.

