

ELECTRONIC CONTROL TERMINOLOGY & COMPONENT DESCRIPTIONS

All Wolf wall ovens utilize an electronic control system. The electronic control system monitors, regulates and controls a variety of functions. The control system also displays error codes to identify possible problems with the unit. The table below defines some of the basic electronic control system terminology and describes some of the electronic system components. An understanding of the following information is needed in order to comprehend the input operations and functions of the electronic control system.

<u>Term / Component</u>	<u>Definition / Description</u>
Oven Controller.....	The printed circuit board containing the microprocessor and logic inputs which communicates with the oven display, keyboard, stepper motor control board.
Relay Board.....	The printed circuit board containing the microprocessor, relays and electrical connections which control and monitor functions and operations of the unit.
Oven Display.....	A vacuum fluorescent display which shows oven temperature, cooking modes, error codes, cook times and stop time.
Stepper Motor Control Board.....	The printed circuit board containing a transformer and logic control to drive the stepper motor.
Control Panel Assembly.....	The head assembly containing the oven display(s) and keyboard.
Relays.....	The electrical components on the relay board that switch other components in the unit ON and OFF when instructed to do so by the microprocessor.
Microprocessor.....	An electrical component on the control board which receives electrical signals from other components, processes that information, then sends an electrical signal to the relays on the board to open or close, and other components in the unit to switch on or off.
Keyboard.....	An assembly of glass and mylar which connects into the upper oven display.
Error Codes.....	Number or word description which appears on the oven display if the unit experiences specific problems related to electrical signals supplied by the electrical components.
MDL.....	Motor door latch assembly which incorporates the latch motor drive, unlatch switch, latch switch and door switch.
RTD.....	The oven(s) temperature sensing device.
DLB.....	A component on the relay board which is a relay that connects and disconnects the L2 line to the elements when energized by logic from the oven controller.