



Sequence of Operation

LG Multi V Back-up Compressor Operation

All MultiV outdoor Sync-II and Plus-II outdoor units have two compressors, a constant speed and an inverter driven. If the microprocessor controller senses a compressor is operating outside normal conditions, the MultiV outdoor unit will be shutdown and an error code will be displayed on all zone sensors notifying the building occupants of the air conditioning system malfunction.

Single Chassis Systems

Inverter compressor malfunction

To restart the system, turn the outdoor unit disconnect off, flip DIP switch #3 located on switch block 01B to the "ON" position. Switch block 01B can be accessed by removing the small access panel on the top right corner of the front of the unit. This will isolate the malfunctioning compressor from the algorithm. Turn the outdoor unit disconnect on. Restart the system by pressing the ON/OFF button on any zone controller.

Constant speed compressor malfunction

To restart the system, press the ON/OFF button on any zone controller.

Multiple Chassis Systems

Inverter compressor malfunction

To restart the system, turn all outdoor unit chassis disconnects off. The error code provided before powering down the system will identify which chassis (the main, sub-chassis #2 or sub-chassis #3) has the malfunctioning inverter compressor. Open the small access panel on the chassis in question and flip DIP switch #3 located on switch block 01B to the "ON" position. Switch block 01B can be accessed by removing the small access panel on the top right corner of the front of the unit. This will isolate the malfunctioning compressor from the algorithm. Turn all outdoor unit disconnects on. Restart the system by pressing the ON/OFF button on any zone controller.

Constant speed compressor malfunction

To restart the system, press the ON/OFF button on any zone controller.

All Systems

Following a restart, the system will operate normally for six hours. At the six hour mark the system will shut itself down again and will display the same error code on all zone sensors. The system can again be restarted from any zone sensor by pushing the On/Off button. System operation will be restored immediately. This procedure will be repeated until the unit is serviced and the DIP switch #3 setting is returned to the OFF position.