



**Fans must be plugged into 3 separate circuits!**

Set up the fans and gauges according to the diagram above:

1. Set up fans in the doorway
2. Connect each variable speed drive to a fan using the umbilical cord from the drive
3. Connect one end of each umbilical cord (yellow and green tubes, Ethernet cable) to each variable speed drive
  - a. Connect the other end of the umbilical cord tubing to each DM-2 gauge (do not connect Ethernet cables to gauges)
4. Connect each umbilical cord Ethernet cable to the fan splitter (or use extra cables outside of the umbilical cord between variable speed drive and splitter (as seen above))
  - a. T-connect the red tubing from each of the gauges together
  - b. T-connect the blue tubing from each of the gauges together
  - c. Pass the red tube through the port in the panel and toss away from
5. Connect each DM-2 gauge to the computer via USB cable
6. Start MultiFanTestic (make sure the DM-2 driver has been installed before beginning test)
  - a. Click **[Find Gauges]**: each of the 3 gauges should appear with serial numbers; note the serial number of the "#1 Fan" gauge (this is the primary gauge)
  - b. Connect the primary gauge to the fan splitter via Ethernet cable
  - c. Click **[Start Auto-Test]** to begin an automatic test run

