



POWDER COATING BOOTH START-UP PROCEDURE

1. All Powder-X Coating Systems manufactured equipment requires initial start-up and dialing in by a licensed electrician and a licensed GAS/HVAC professional. The license number of the start-up personnel will be required on the Warranty Validation form. Failure to complete this form and provide complete information on the licensed professionals doing the start-up will void all warranties.
2. Locate the Warranty Validation Form in the Owner's Manual.
3. Make sure the main powder is hooked up to the control panel
4. Make sure the separate single phase (for control voltage and lights) is hooked up to the control panel.
5. Make sure power has been pulled from the main control panel to the duct fan.
6. Make sure power has been pulled from the main control panel to the booth lights.
7. Hook up the tubes to the Magnahelic gauges located on the control panel. Each gauge will have a tube that goes before the filters (which is the low pressure or (-) port) and a tube that goes after the filters (which is the high pressure or (+) port)
8. The low pressure for main filters is inside the booth directly in front of the pre-filters. The high pressure for the main filters is behind the pocket filters.
9. Set the pressure on the Main Filter Pressure. Do this by blowing air thru the tube in the + port WHILE HOLDING DOWN the SP1 button on the back of the gauge. When the gauge reads 2, hold pressure steady until the LED flashing stops.
10. Set the pressure on the Final Filter Pressure. Do this by blowing air thru the tube in the + port WHILE HOLDING DOWN the SP1 button on the back of the gauge. When the gauge reads 3, hold pressure steady until the LED flashing stops.
11. For more details on setting Magnehelic gauges, go to www.dwyer-inst.com. Find Bulletin B-37-A on setting MP Mini-Photohelic Differential Pressure Switches. There is also a copy of this in your Owner's Manual.

12. Ensure the booth has been caulked completely inside and out of the collector box. Air leakage around the filters will cause premature failure of the filters.
13. Make sure the filters are installed correctly.
14. Check the rotation of the Duct Fan.
15. Read and follow the Booth Maintenance Schedule located inside the Owner's Manual.