

Job Name: _____ Model # _____ Serial # _____

Service Technician: _____ Customer: _____ Date: _____

Item Description	Reading or Setting	Comments	Months Of Operation				Completion
			1	3	6	12	Date & Initials
1. Inspect door seal. Check for proper seating, damage or tears.			X				
2. Inspect hinges and door operation – Check for cracked hinges or worn bushings, doors should open easily and close securely, without jerking or slamming.			X				
3. Inspect magnehelic gauge. Monitor the gauge in operation, an increase in static pressure drop of more than double that of the filter’s initial static pressure drop measurement, could indicate filter replacement is required. Refer to: Instructions V-30, HEPA FILTER INFORMATION.			X				
4. Open control compartment. Inspect controllers & electrical components, compartment cooling fan and the cooling intake air opening. Make sure they are clean and free of dirt or dust buildup, or any obstructions. Make sure terminals and connections are tight. DE-ENERGIZE LINE POWER PRIOR TO CLEANING!				X			
5. Remove interior work chamber panel and inspect the heater, fan/s and housing. Make sure they are clean and free of dirt or dust buildup, or of any obstructions. Wipe down with IPA and lint free cloth. DE-ENERGIZE LINE POWER PRIOR TO CLEANING!					X		

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			1	3	6	12	Date & Initials
6. Inspect perforated walls, interior oven surfaces and exhaust opening. Make sure they are clean and free of dirt or dust buildup, or of any obstructions. Wipe down with clean, damp, lint free cloth.							
7. Open back control compartment. Inspect recirculation motor housing and housing vents. Make sure they are clean and free of dirt or dust buildup to insure motor does not over heat. Check seals around wires and ports. DE-ENERGIZE LINE POWER PRIOR TO CLEANING!					X		
8. Inspect all electrical connections. Wiring terminations should be secure; fuse holders should hold fuses securely in place.					X		
9. Inspect all electrical grounding connections. Wiring terminations should be secure and verify grounding integrity of grounding system.					X		
10. Inspect the instrumentation. Check the process, and hi-limit temperature controller calibration with an input signal from a certified thermocouple simulator. If re-calibration is necessary, follow the calibration procedure in Instruction Manual.					X		
11. Inspect the instrumentation. Check the hi-limit temperature controller; verify it is functioning properly. Lower the setpoint to 150°F, then attempt to ramp the process temperature to 200°F. The hi-limit should trip around 150°F.					X		

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12. Inspect the instrumentation. Check the hi-limit temperature controller; verify it is functioning properly. Lower the setpoint to 150°F, then attempt to ramp the process temperature to 200°F. The hi-limit should trip around 150°F.					X		
13. Measure time to temperature with oven empty and at ambient temperature, ramp oven to normal operation temperature, record time in minutes. Causes for increased ramp times are; changes in fresh-air or exhaust damper settings, reversed recirculation blower fan rotation, reduced heater output, restriction in recirculation blower fan or ductwork.					X		
14. Lubricate door latch and hinges with two (2) to three (3) drops of SAE #20 non-detergent oil. Clean up any excess oil.					X		
15. Measure and record the line and control voltages. If the voltage is +/-10% of the specification on the equipment nameplate discontinue use and take corrective action.	L1= L2= L3= X1=					X	
16. Check the rotation of the recirculation fan. Verify it is rotating in the proper direction.	CCW				X		
17. Measure and record recirculation fan motor amps. This will give a rough indication of fan efficiency; a reduction in motor amps of more than 15% at ambient temperature, could indicate improper loading or a restriction in the recirculation blower fan or ductwork.	T1= T2= T3=					X	
18. Measure and record heater amps. This will give a rough indication of heater performance. A reduction in heater amps of more than 15% at ambient temperature would indicate a heating system malfunction.	H1= H2=					X	