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Job _____ Item No. _____

Motor Mount Kit Install WS-WL0848

- WVU-48
- WVU-96



UPDATE

Replacement procedure for the Wells WVU48 and WVU96 vent-less hood systems. This Procedure details removing the blower motor mount, and replacing it with a new blower motor mount. This pertains to units before 08/01/2017.

CAUTION

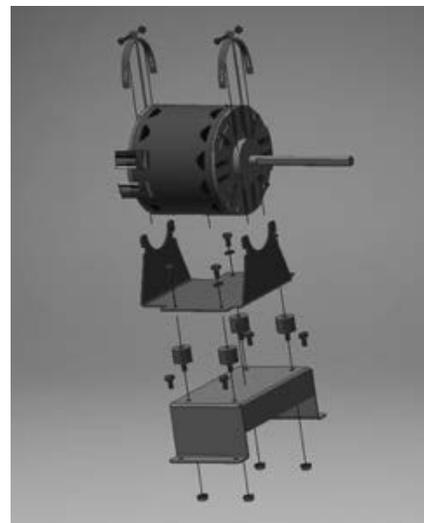
Use proper safety measures when performing this procedure. Ensure the unit is disconnected from the electrical supply.

REMOVAL PROCEDURE

1. Check the parts kit (WS-WL0848) to ensure all required hardware is available.
2. Check that all the proper tools required are available.

PARTS KIT #: WS-WL0848

Part No	Description	Qty
1 N1-WL0830	BLOWER ASSY	1
2 N1-WL0831	MOTOR MOUNT ASM,ISOLATION	1
3 N1-Z22130	ASSY, MOUNTING PLATE	1



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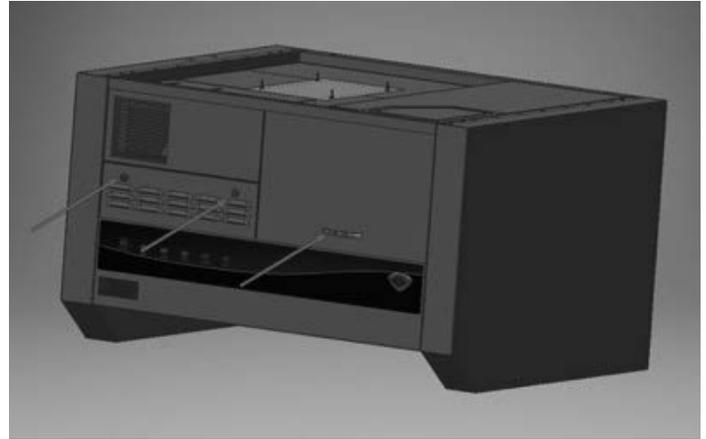


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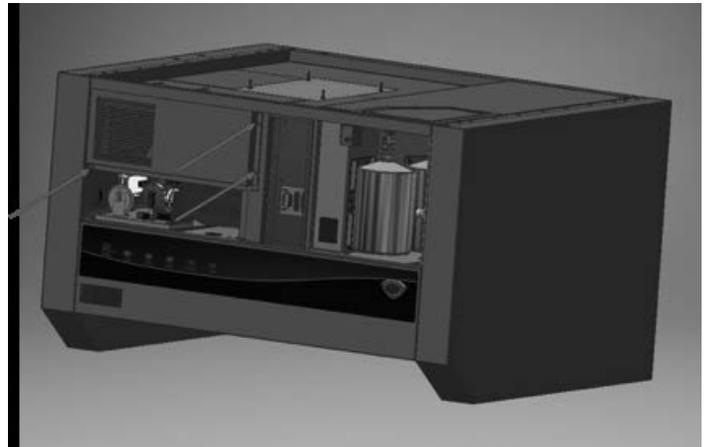
WVU48-WVU96 Motor Mount Kit Install WS-WL0848

REMOVAL PROCEDURE (CONTINUED)

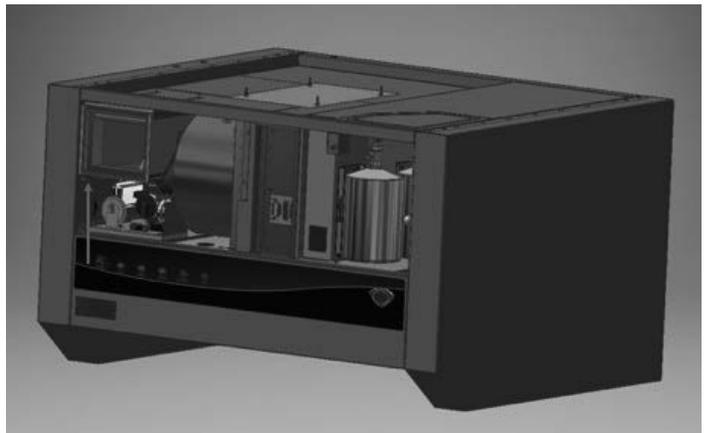
3. Remove the filter door.
4. Unlock the electrical access door assembly and remove it.



5. Remove the screws (3) on the front discharge panel. Save the hardware for reassembly.



6. Remove the front duct screw from the damper duct and slide the duct out the front. Save the hardware for reassembly.



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REMOVAL PROCEDURE (CONTINUED)

7. Remove the retaining screw on the internal control panel assembly and slide it partially out to access the electrical connections and vacuum hoses.

8. Remove the nuts on the vacuum switches, timer, and buzzer so the panel is able to be removed. Discard the old panel.

9. Place the sensors and vacuum pumps off to the sides.

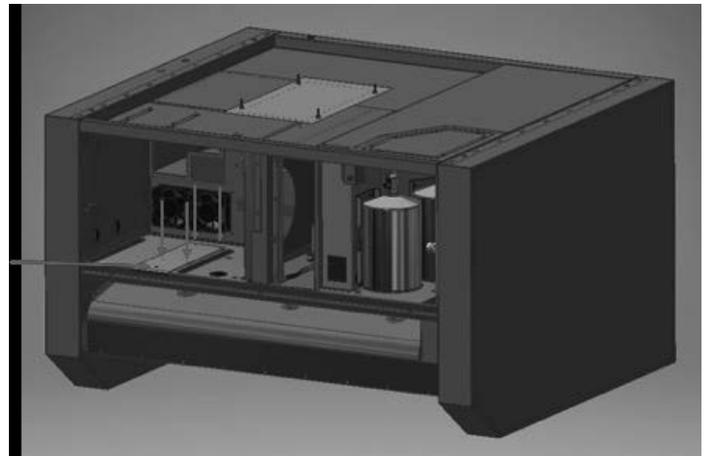
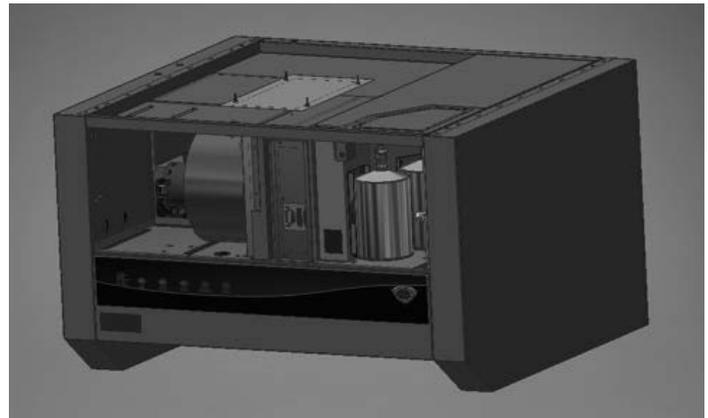
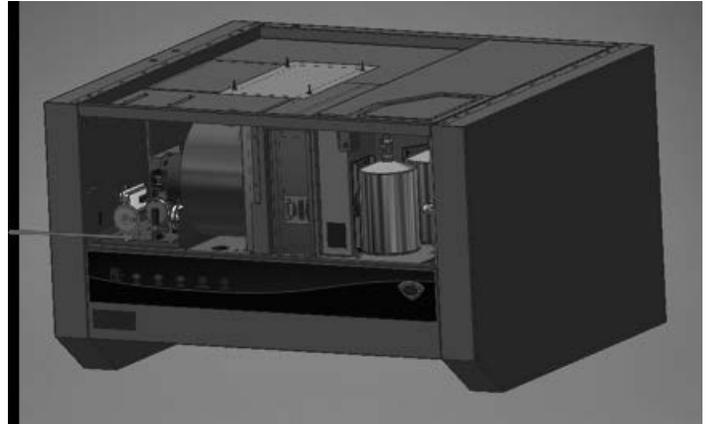
10. Remove the HEPA filter and set aside for later use.

11. Disconnect the motor power wiring.

12. Remove the bolts from the blower assembly and slide the blower out the front of the unit. Retain the bolt hardware for reassembly.

13. Remove the front panel assembly and place the drill fixture over the weld screw head. Center mark the mounting screws (4) and clearance them to 1/4-20 screw (0.257).

14. Drill the holes, be careful to not drill into the wiring or curved deck.



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INSTALL PROCEDURE

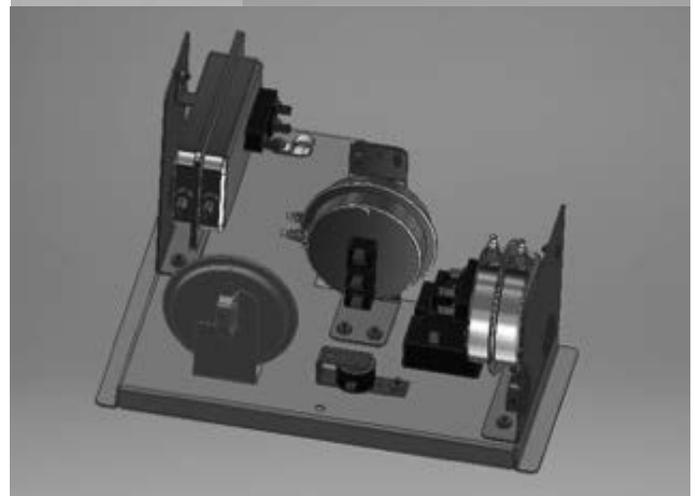
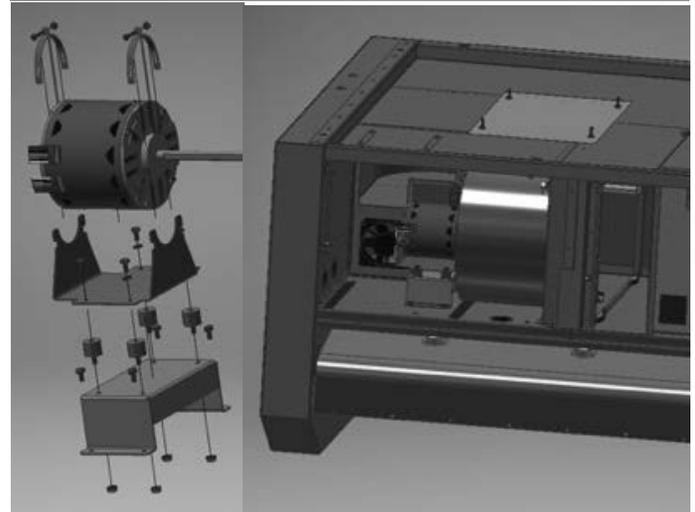
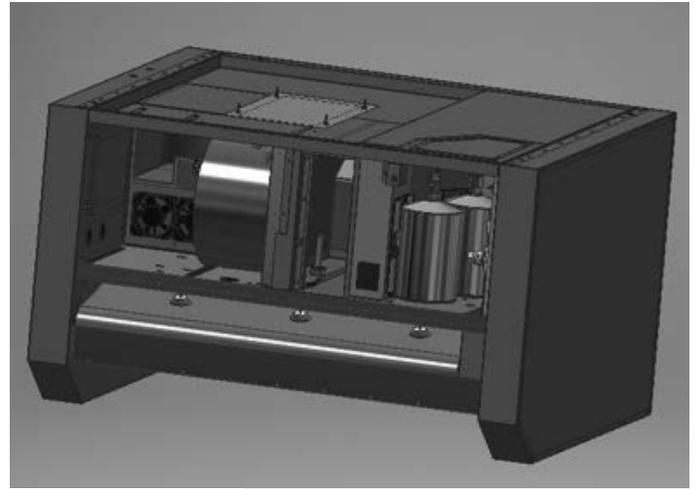
15. Install the new blower assembly in reverse of removal using the previous bolt hardware.

16. Assemble the blower motor to the motor mount as shown.

17. Install the motor mount and motor into unit by attaching the fan on the motor shaft before bolting down the unit.

18. Assemble the vacuum pumps electrical components to the component mount as shown.

19. Consult the vacuum or wiring diag if required.



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INSTALL PROCEDURE (CONTINUED)

20. Install the component bracket in the unit using the existing hardware.

21. Check that all vacuum lines and electrical connections are secure, not pinched, or kinked and do not rub on the motor.

22. Reinstall the filter

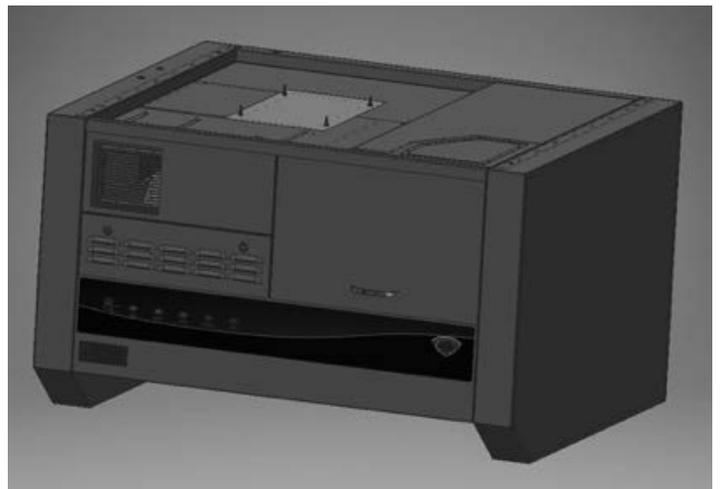
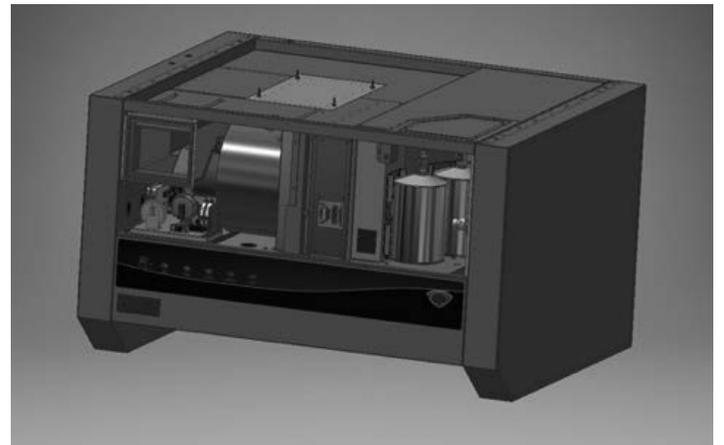
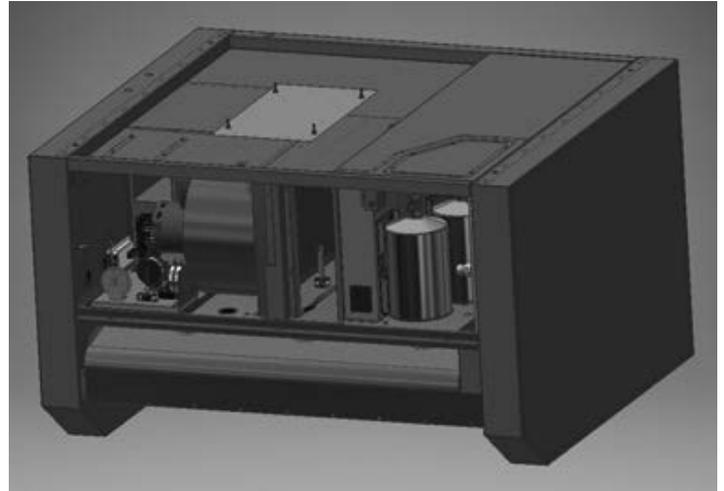
23. Reinstall the discharge duct using the existing hardware.

24. Reinstall the front discharge vent panel using the previous screws (4).

25. Reinstall the electrical access door and filter door.

26. Reconnect the unit to the power supply and verify the proper operation of the new motor.

27. The installation is now complete.



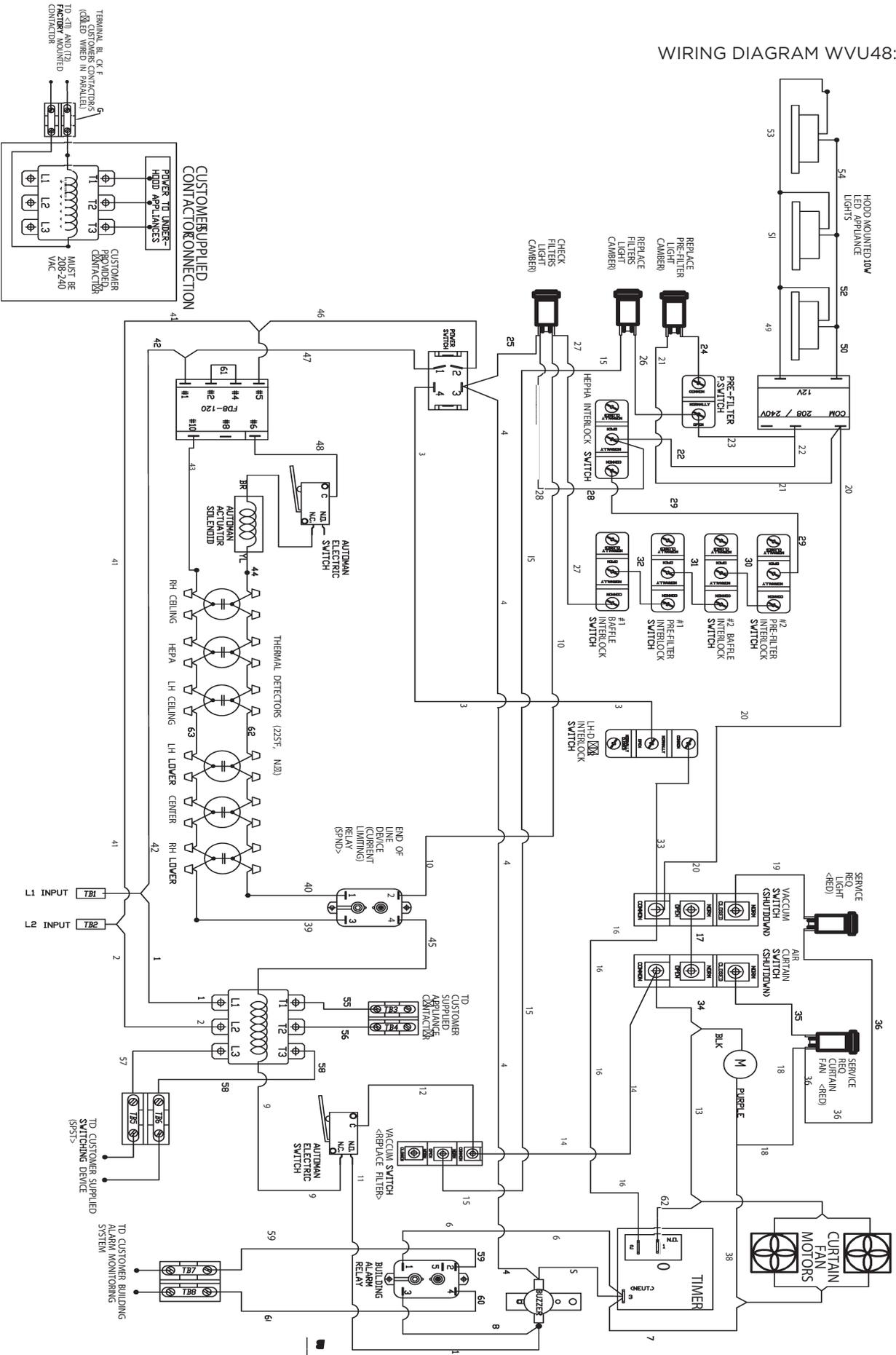
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WIRING DIAGRAM WVU48: SK2533-B



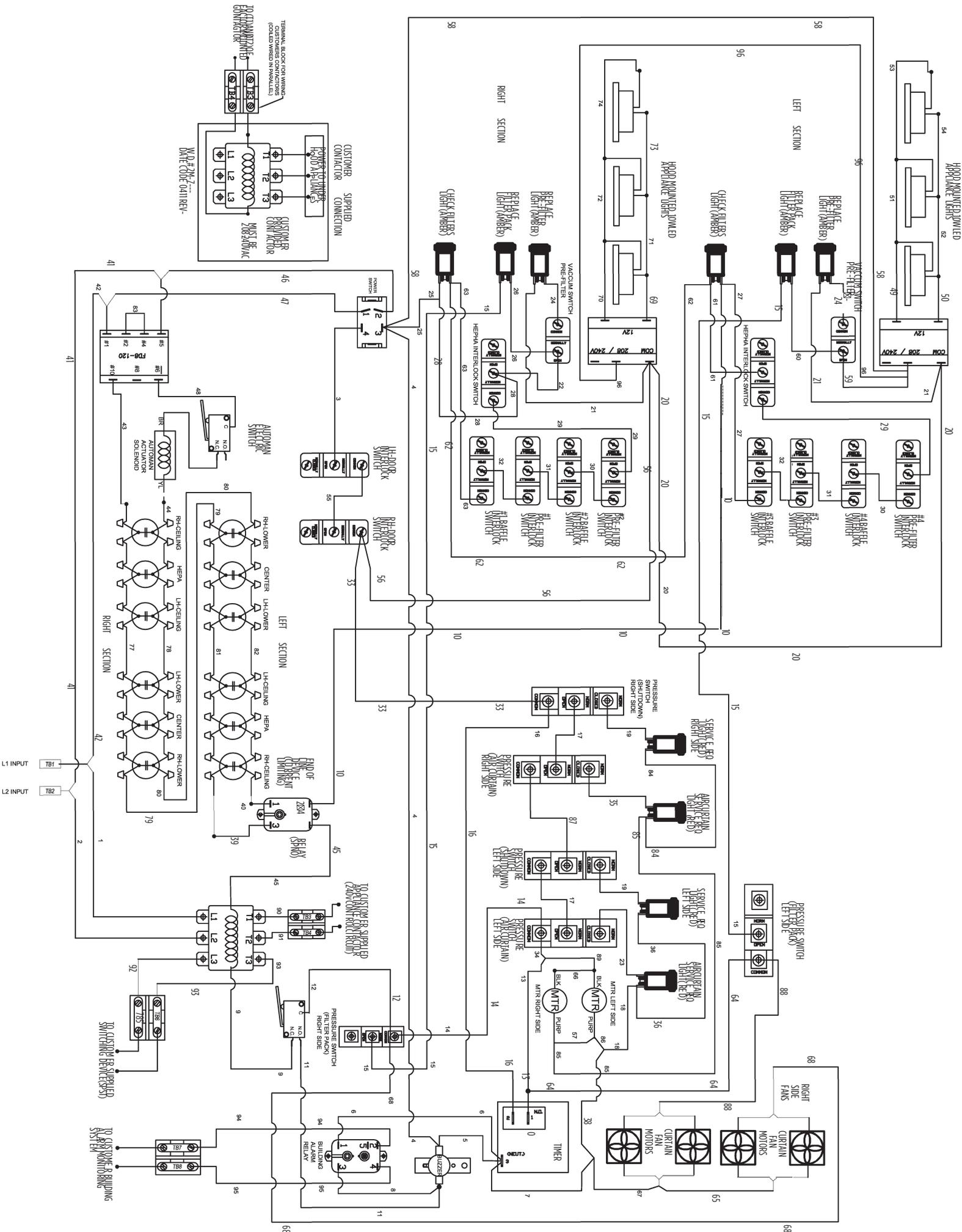
TERMINAL BLOCK F
CUSTOMER CONTRACTORS
(WIRING WHEED IN PARALLEL)
TD <17> AND (12)
FACTORY MOUNTED
CONNECTION

CUSTOMER SUPPLIED
CONTRACTOR CONNECTION

L1 INPUT
L2 INPUT

TD CUSTOMER SUPPLIED
SWITCHING DEVICE (SP15)

TD CUSTOMER BUILDING
ALARM MONITORING
SYSTEM





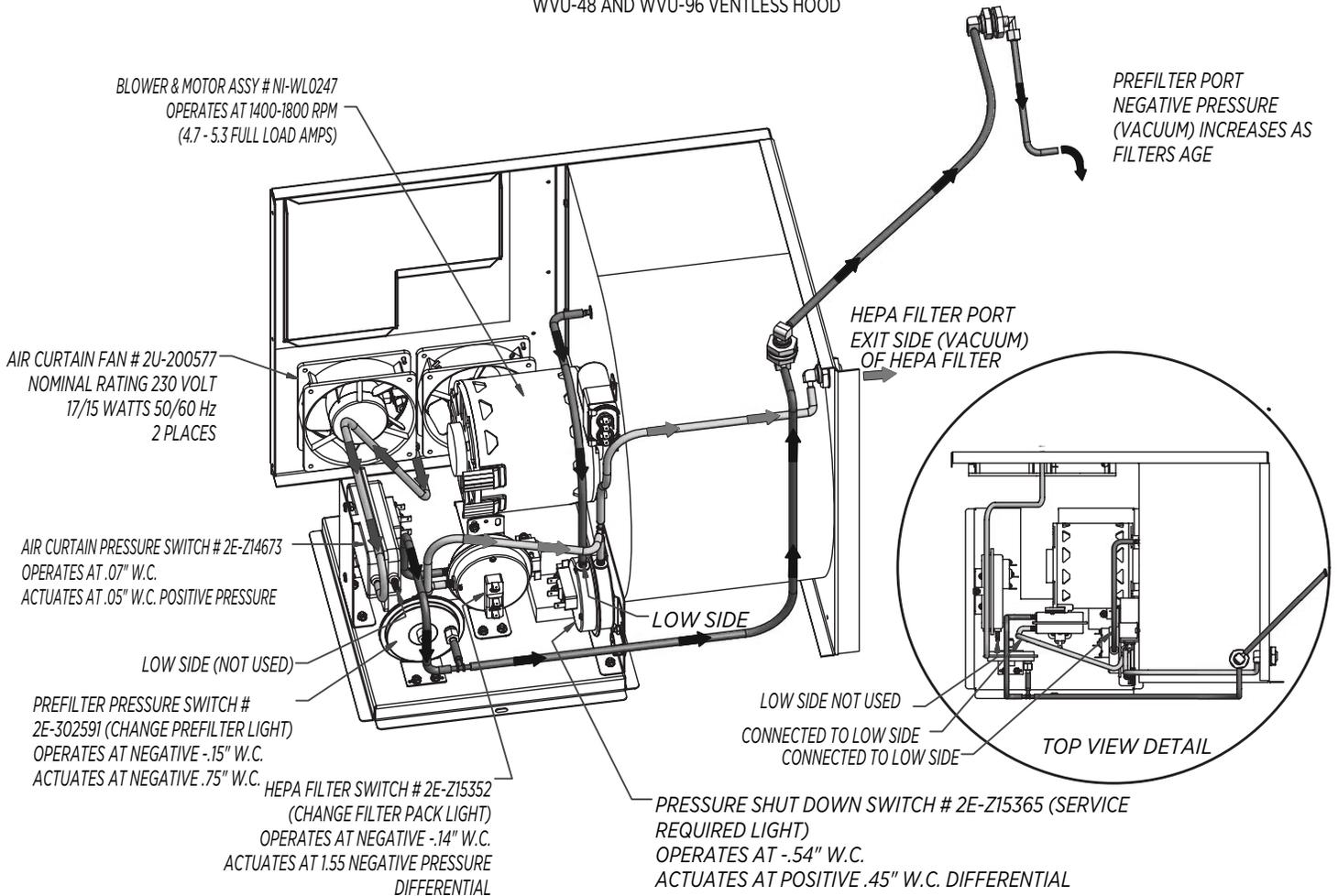
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VACUUM DIAGRAM

GENERAL NOTES:

1) ALL PRESSURE READINGS
SHOWN ARE WITH A NEW FILTER.

VACUUM SYSTEM DIAGRAM
WVU-48 AND WVU-96 VENTLESS HOOD



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