



LENNOX POWERED BY SAMSUNG DOWNFLOW CONVERSION KIT

(MMPD/MMLD Single Zone and MMPD/MMLD Multi-Zone)

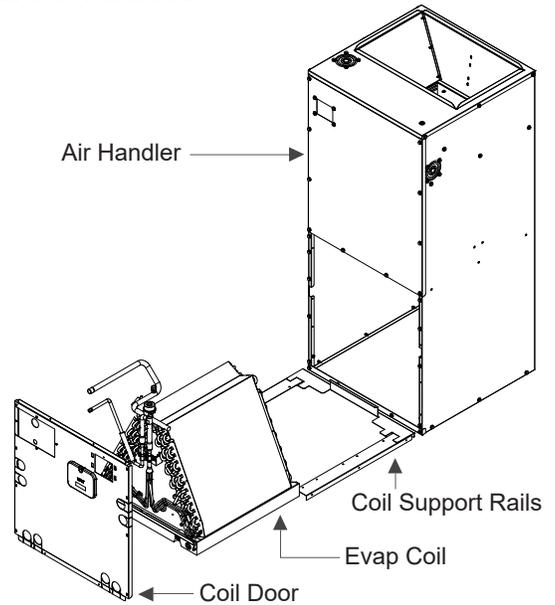
INSTALLATION MANUAL

VDK-1W
VDK-2W
VDK-3W

VDK-1W, VDK-2W, VDK-3W Downflow Conversion Kit Installation Manual

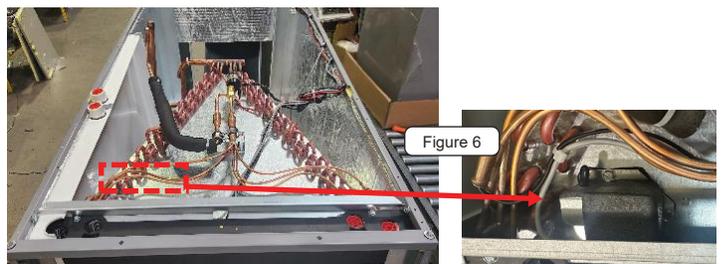
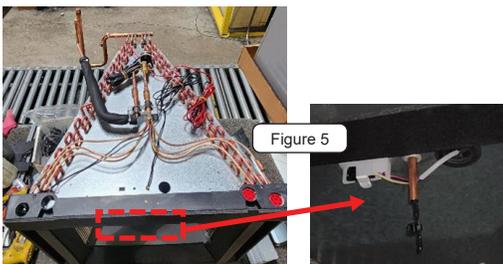
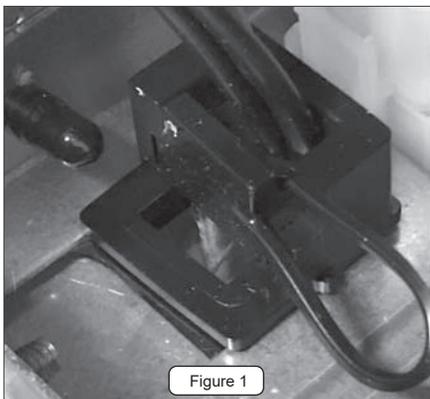
CONVERSION KIT	MODEL NO.	ZONE
VDK-1W	MMD012M6-1P	MULTI
	MMD018M6-1P	MULTI
	MMD024M6-1P	MULTI
VDK-2W	MMD018S6-1P	SINGLE
	MMD024S6-1P	SINGLE
	MMD030S6-1P	SINGLE
	MMD036S6-1P	SINGLE
VDK-3W	MMD048S6-1P	SINGLE

Table data applies to both MMLD and MMPD models.



DISASSEMBLY INSTRUCTIONS:

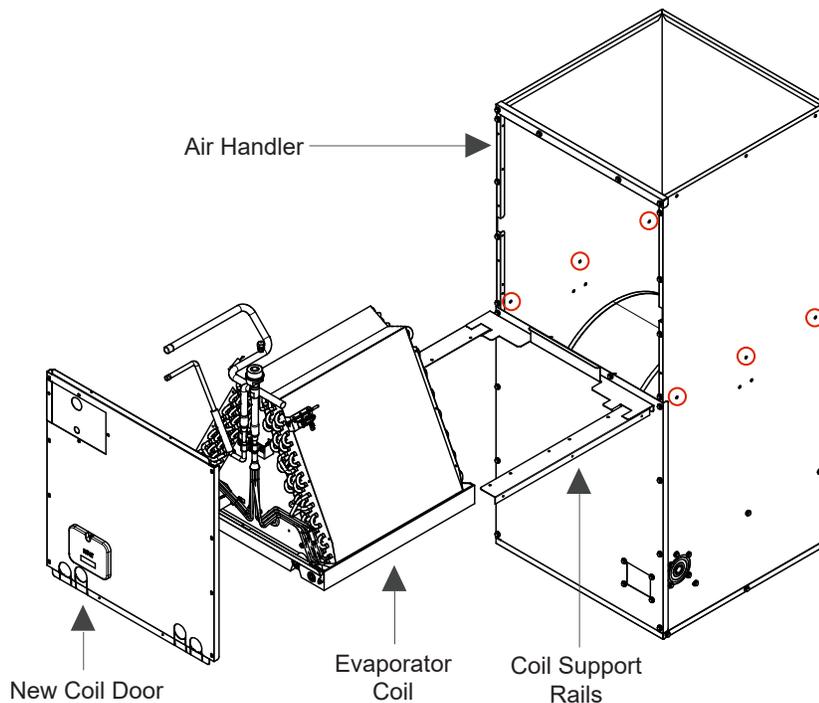
- Remove and discard:** Remove the evaporator coil door panel. Do not reuse. A new panel is included in the downflow kit
- Disconnect Sensors:** Remove temperature and humidity sensors from holders (see figure 5).
VRF Models Only: Unplug the EEV from the PCB. Open the pull restraint between the control box and blower to safely pull the plug through (see figure 1).
- R32 Sensor (VDK-2W & VDK-3W Models): Unscrew the sensor holder and remove the R32 sensor (see figure 6).
- Pull the Wi-Fi wire through the wiring hole, and remove the Wi-Fi module.
- Remove six screws (three on each side of the unit), securing the support rails.
- Retain Hardware:** Keep the rails and screws; they are required for re-assembly.



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ASSEMBLY INSTRUCTIONS:

1. Invert the unit 180° and secure the retained support rails into the six provided holes located just above the blower.
 2. Slide the evaporator coil assembly into the coil section after the rails are fastened.
- NOTE:** Evaporator coil must be installed in original "A" configuration. Use two self-tapping screws (provided) to secure the front brace to unit frame.
3. Reinstall the coil sensors into their original locations and plug the EEV connector back into PCB (VRF models only). For installation of the room temperature sensor (black wire) and humidity sensor (light gray wire), refer to step 6 on the following page.
 4. Put Wi-Fi module into the cover case aligning with the hole on the new coil door.
 5. Reinstall the R32 sensor holder and sensor with the original two screws (only applies to models that use VDK-2W & VDK-3W).
 6. Route all wires along the edge and out of the way ensuring they will not be pinched during reassembly.



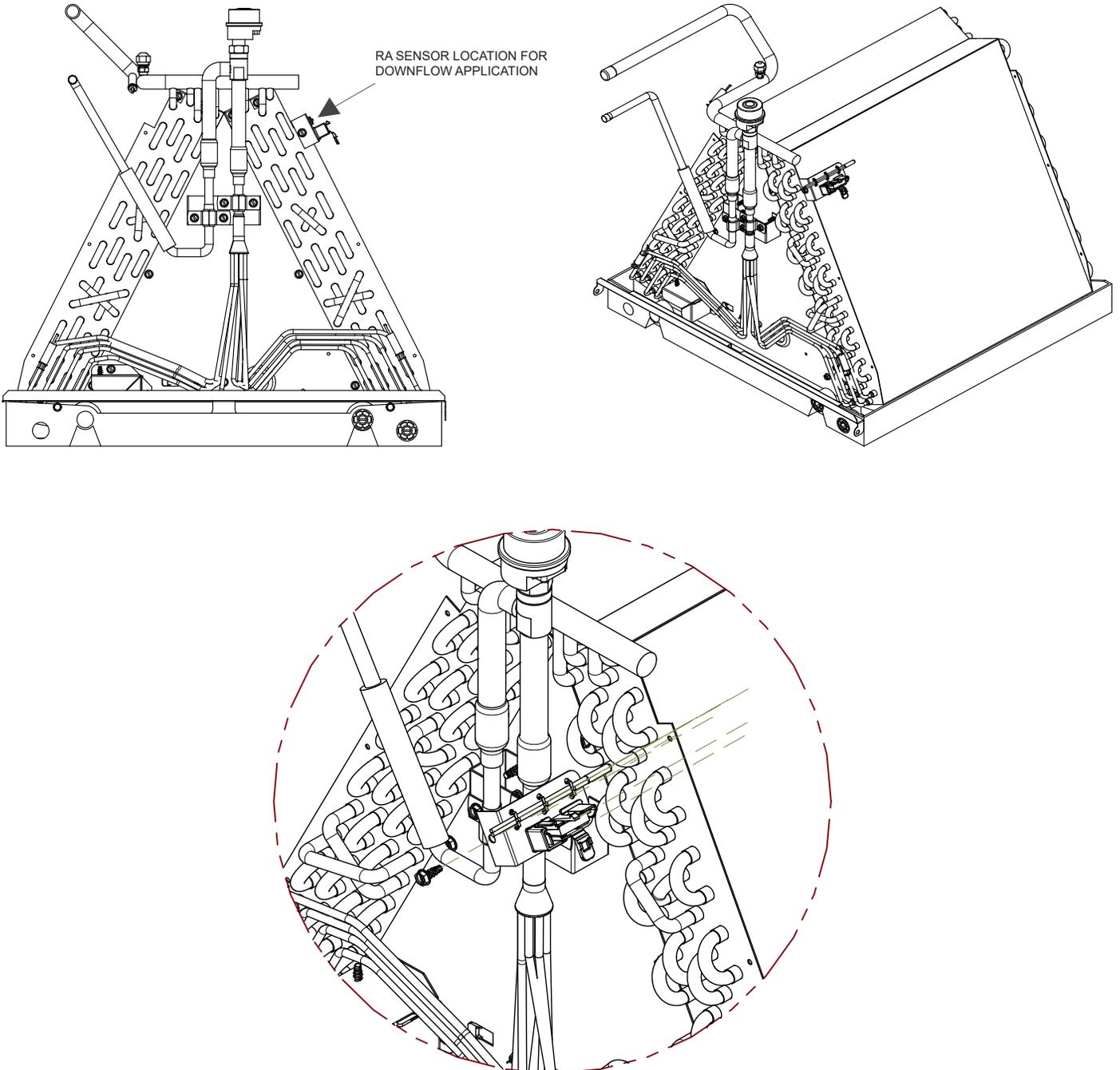
! WARNING

Electric heat kits cannot be installed when a downflow kit is applied.

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ASSEMBLY INSTRUCTIONS (CONTINUED):

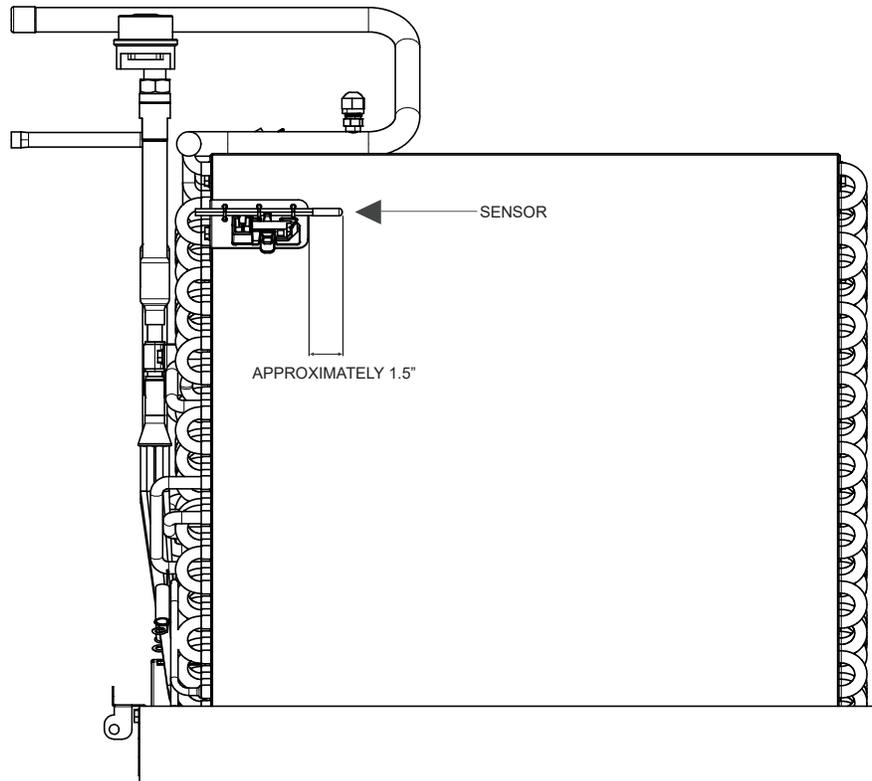
7. Install the provided room air temperature sensor holder as noted below using the provided screw.



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ASSEMBLY INSTRUCTIONS (CONTINUED)

- Place the room temperature and humidity sensor onto the sensor holder allowing the sensor to extend past the end of the sensor holder (approximately 1.5"). Secure the sensor to the holder with the three (3) wire ties. Trim the wire tie ends once tightened.



- Make sure all sensors and EEVs are plugged into the PCB. Install new evaporator coil door panel. Close the pull restraint tab that was opened in step 2 of the disassembly instructions.

NOTE: The indoor unit installation must support the required AHU airflow within the unit's specified external static pressure range.