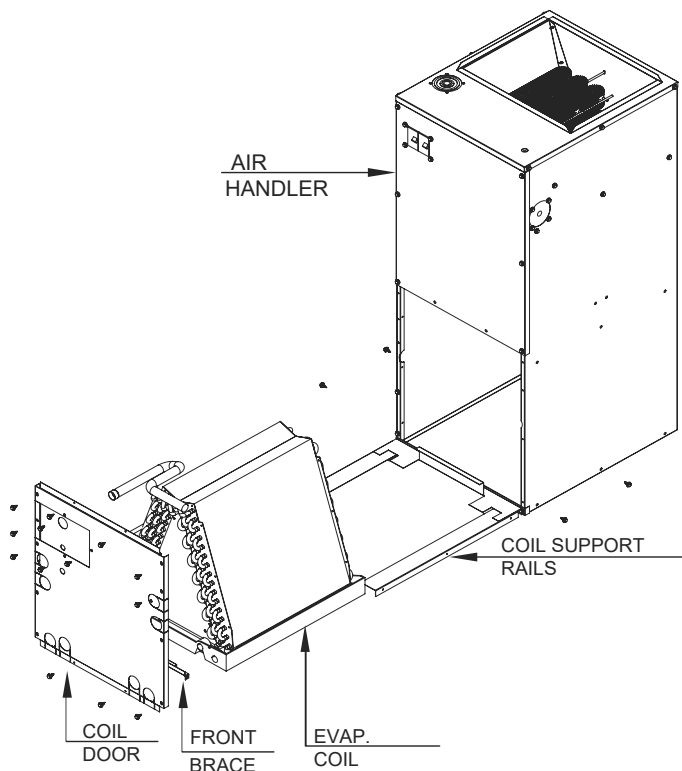


DOWNFLOW CONVERSION KIT Installation Manual

Compatible Models	DVM S	CAC 1:1
VDK-1	AM012JNZDCH/AA*	-
	AM018JNZDCH/AA*	AC018KNZDCH/AA
	AM024JNZDCH/AA*	AC024KNZDCH/AA
VDK-2	AM030JNZDCH/AA*	AC030KNZDCH/AA
	AM036JNZDCH/AA*	AC036KNZDCH/AA
	-	AC042KNZDCH/AA
VDK-3	AM048JNZDCH/AA	AC048KNZDCH/AA
	AM054JNZDCH/AA	AC054KNZDCH/AA
	AM060JNZDCH/AA	-
	AM072JNZDCH/AA	-

* Will require EEV extension wire harness, part number DB82-05832A, sold separately.



DISASSEMBLY INSTRUCTIONS:

1. Remove evaporator coil door panel and discard, it will not be re-used. A new evaporator coil door panel is supplied with the downflow conversion kit.
2. Remove the temperature sensors from the sensor holders on the coil and unplug the EEV (DVM S products only) from the PCB. Open the pull restraint (Figure 1) located between the control box and blower sections to avoid breaking EEV connection.
3. Remove evaporator coil assembly with side drain pan (used for horizontal applications) by unscrewing the 2 screws on the front brace (Figure 2 and 3), side pan support bracket (Figure 4), and sliding it out the front of the unit. The horizontal installation drain pan and supporting bracket can be disposed.
4. Remove 6 screws (3 on each side of the unit), securing the evaporator coil support rails.
5. Retain evaporator coil support rails and screws, they will be re-installed.
6. See page two for re-assembly instructions.



Figure 1



Figure 2



Figure 3

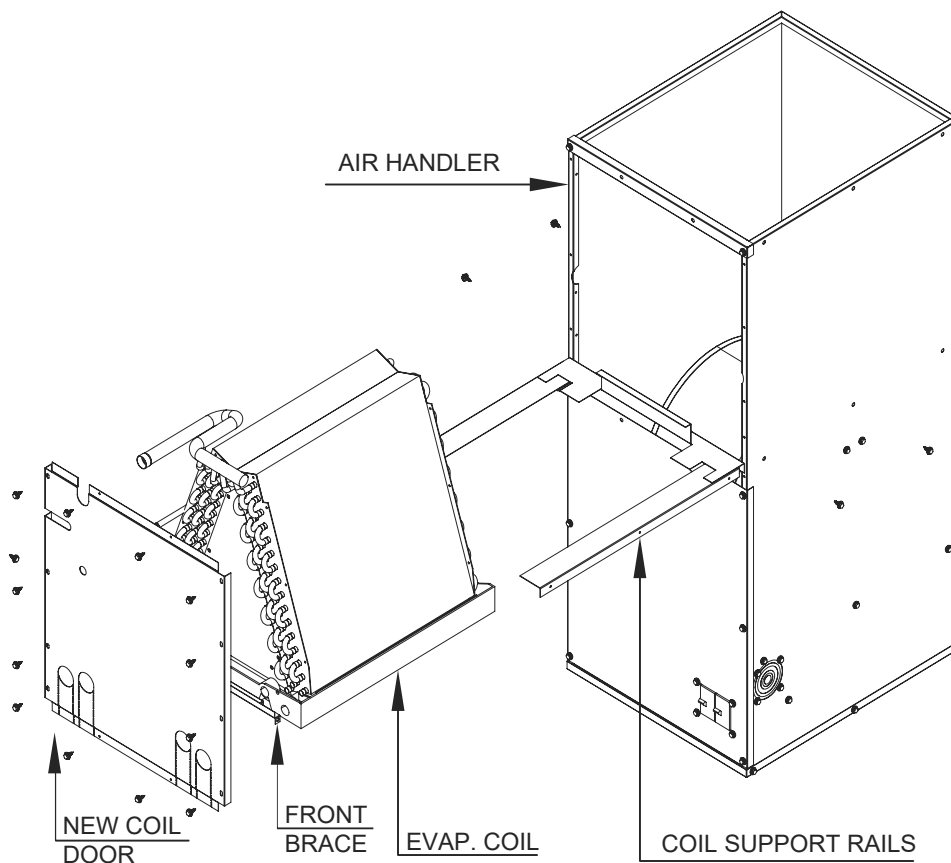


Figure 4

DOWNFLOW CONVERSION KIT Installation Manual

ASSEMBLY INSTRUCTIONS:

1. Invert Air Handling Unit 180° and reinstall the coil support rails just above the blower, 6 screw holes are provided, 3 on each side of the unit. Slide evaporator coil assembly into coil section.
2. Evaporator coil must be installed in its original "A" configuration, and use the 2 self tapping screws to hold down the front brace to the unit frame.
3. Reinstall the coil sensors into their original locations and plug the EEV connector back into PCB (DVM S models only). For installation of the room temperature sensor (black wire), refer to step 4 on the following page. Route all wires along the edge and out of the way ensuring they will not be pinched during reassembly. Some models require the use of an EEV extension wire harness (part # DB82-05832A, purchased separately). Models are noted in the table on page one (1) of this document.

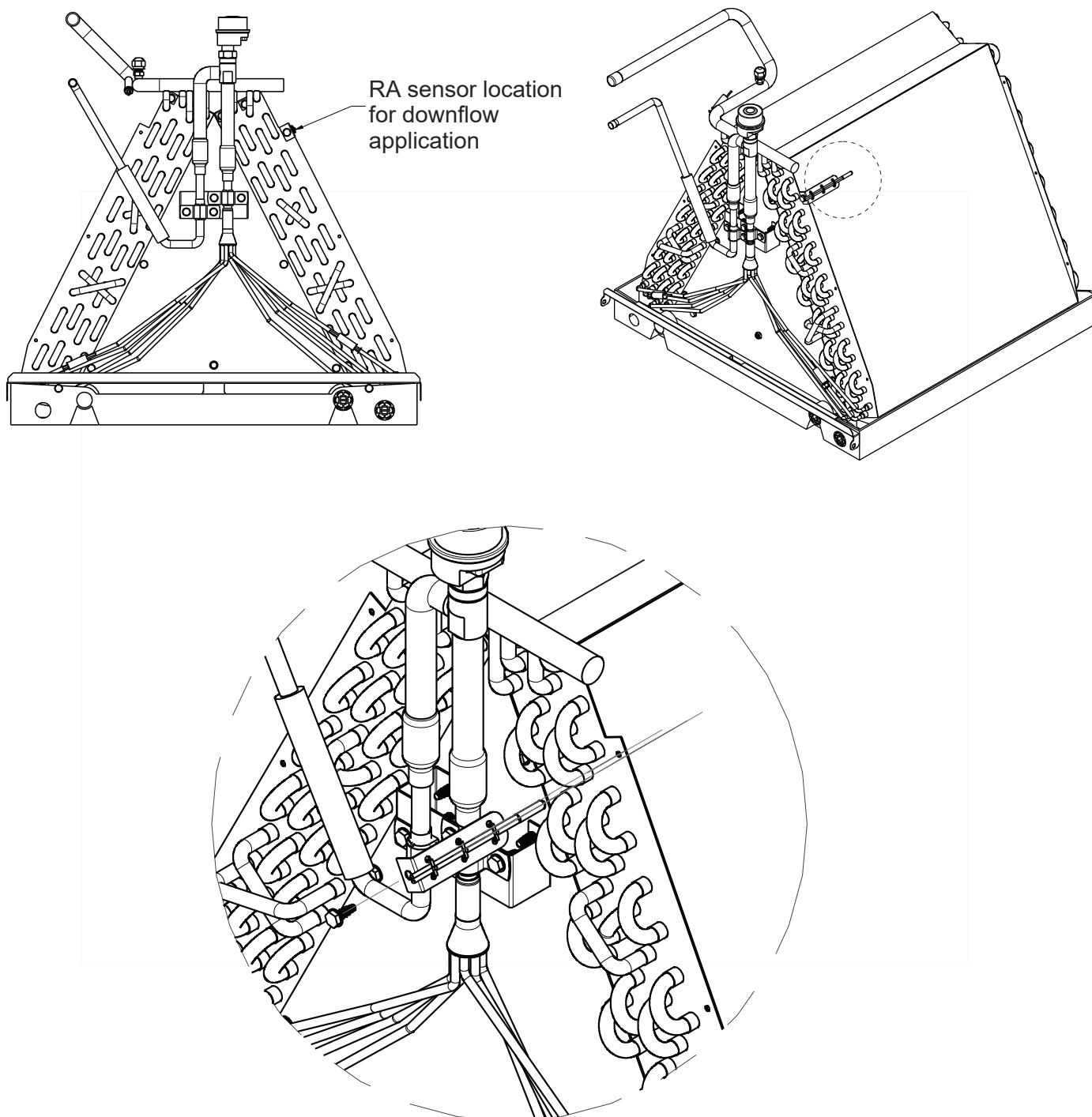


Electric heat kits cannot be installed when a downflow kit is applied.

DOWNFLOW CONVERSION KIT Installation Manual

ASSEMBLY INSTRUCTIONS (CONTINUED):

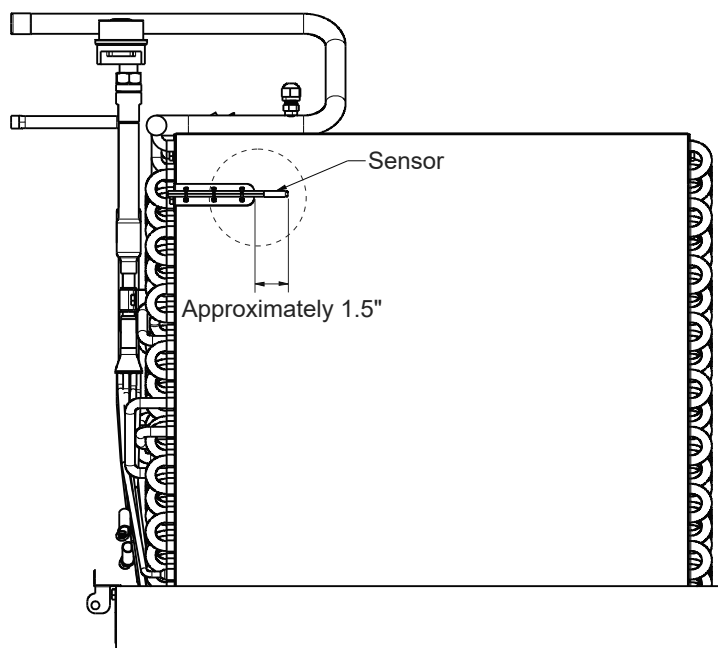
4. Install the room air temperature sensor holder as noted below using the provided screw.



DOWNFLOW CONVERSION KIT Installation Manual

ASSEMBLY INSTRUCTIONS (CONTINUED):

5. Place the room temperature 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.



6. Make sure all sensors and EEV's 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.