

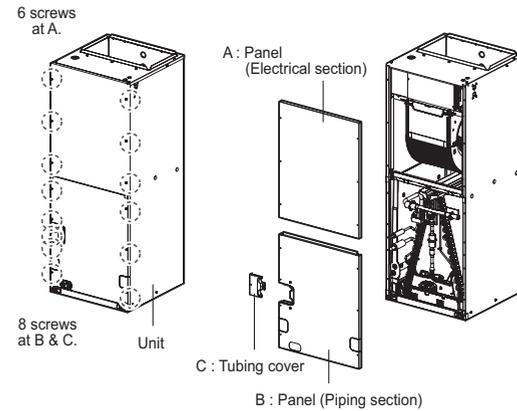


Downflow installation requires various changes to the air handling unit from original configuration. There are additional kits required in order to convert the air handling unit to the downflow configuration.

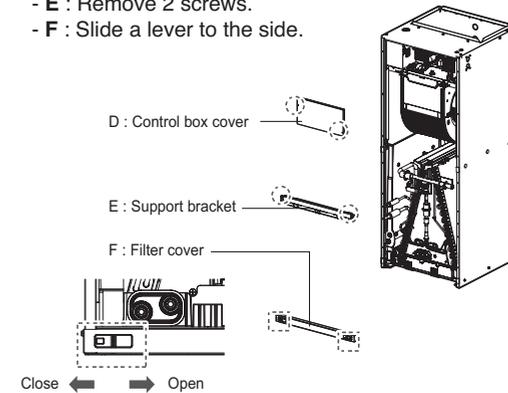
[Components]

| No. | Part Name | Fig. | Qty. |
|-----|---------------------------------|------|------|
| 1 | Side Bracket (L) | | 1 |
| 2 | Side Bracket (R) | | 1 |
| 3 | Room Temperature Sensor Bracket | | 1 |
| 4 | Screw | | 6 |
| 5 | Screw | | 2 |
| 6 | Screw | | 2 |
| 7 | Screw | | 1 |
| 8 | Clamp ('P') | | 1 |
| 9 | Insulator, Tube | | 2 |
| 10 | Tie | | 3 |
| 11 | Insulation Material (PE) | | 1 |
| 12 | Installation Manual | | 1 |

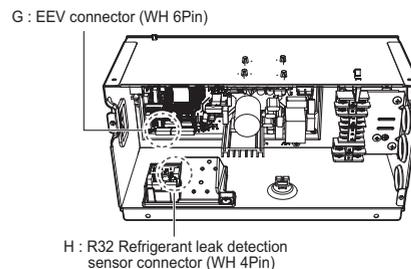
1) Please remove **A**, **B** and **C** from the unit.
(Remove 14 screws.)
* Remove in the following order : **A-C-B**.



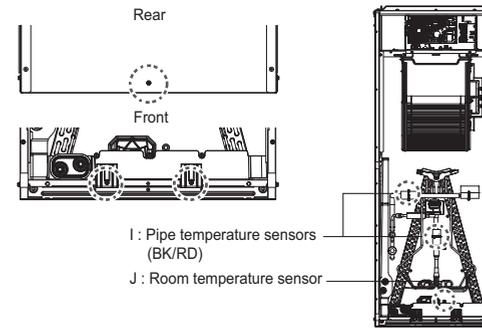
2) Please remove **D**, **E** and **F**.
- **D** : Remove 2 screws.
- **E** : Remove 2 screws.
- **F** : Slide a lever to the side.



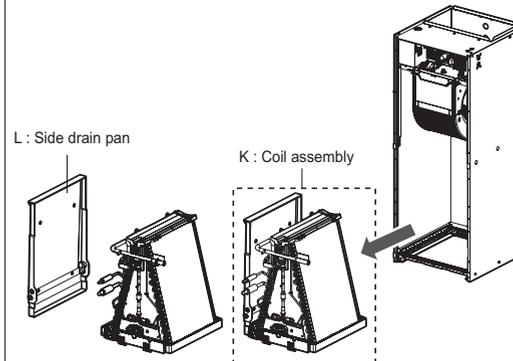
3) Separate the **G** and **H** from the control box.



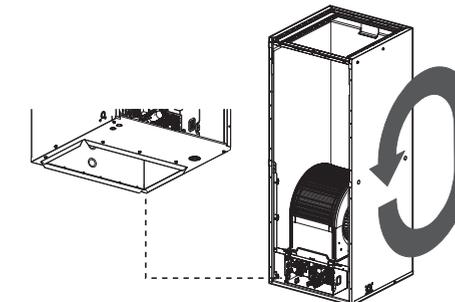
4) Remove 3 screws at the bottom of the unit.
5) Separate **I**(BK/RD) and **J** from each holder and clamp.
* Please keep the insulators and clamps(2 each) of **I**(BK/RD) for reuse when reassembling it.



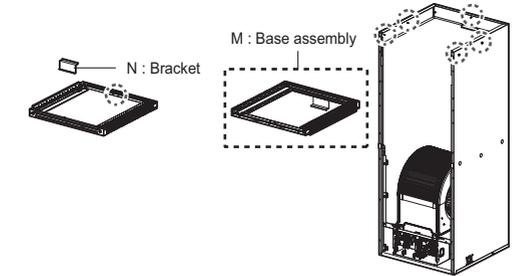
6) Please remove **K** from the unit. (Slide forward.)
And please separate **L**.
* **L** : Unnecessary part in downflow installation.



7) Please rotate the unit.
(Make the bottom of the unit face upward.)
* Please be careful not to bend the flange when rotating the unit.

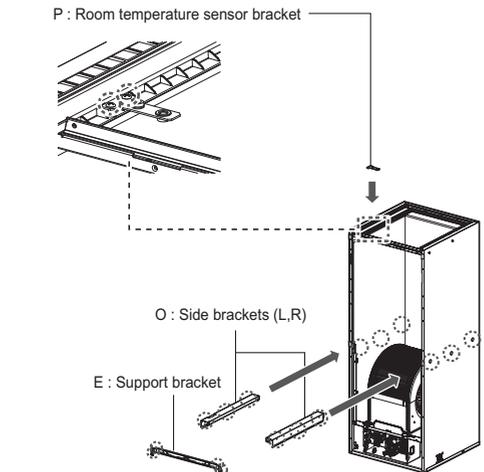


8) Please separate **M**. (Remove 5 screws.)
And please remove **N** from the removed **M**.
(Remove 2 screws.)
* **N** : Unnecessary part in downflow installation.
9) Please reassemble **M**. (Fasten 5 screws.)

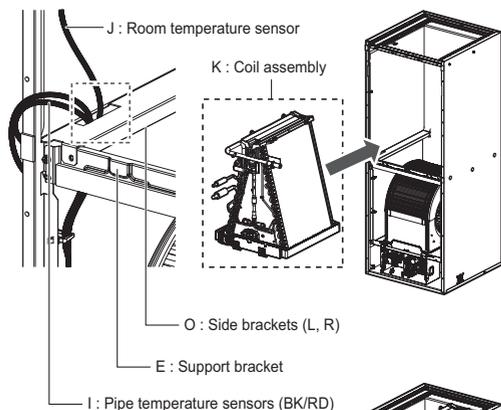


10) Please assemble **O** first and **E** into the unit.
11) Please assemble **P** at the marked position.

* **O**, **P** : Included in the installation kit.
* Please fasten with specified screws in the installation kit.
- **O** : Fasten 3 screws each. ()
- **E** : Fasten 2 screws. ()
& Fasten 2 screws. (Previously disassembled.)
- **P** : Fasten 2 screws. ()

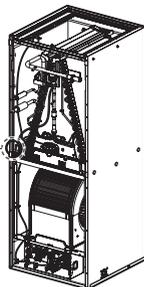


- 12) First, please pass the wires of I(BK/RD) and J through the square hole on the left. And please push K back over the installed O and E.



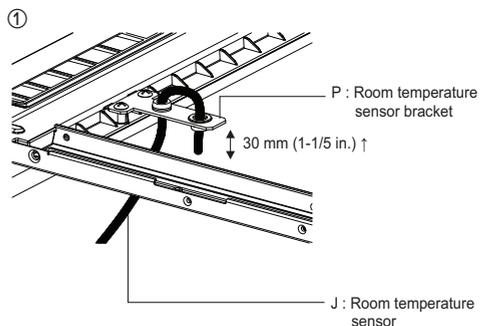
* It is better if you also pass the wires of G and H through the square hole before pushing K in.

G : EEV connector (WH 6Pin)
H : R32 Refrigerant leak detection sensor connector (WH 4Pin)

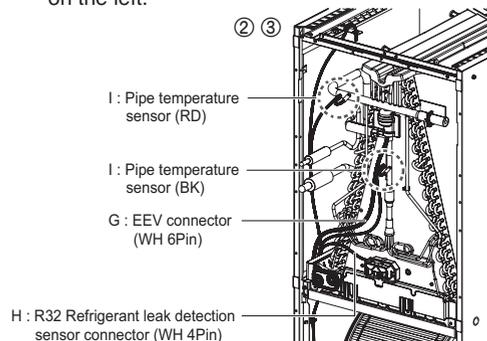


- 13) Please assemble G, H, I(BK/RD) and J as shown in the picture and organize each wire.

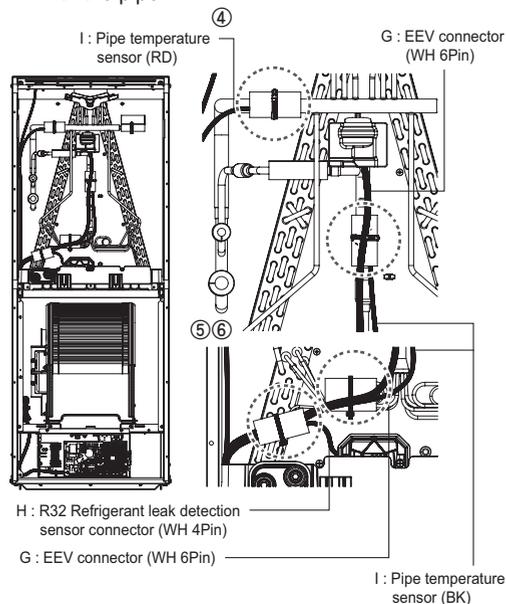
- ① Insert the wire of J into P in the direction of the drawing.
* The length of the wire drawn out must be 30 mm (1-1/5 in.) or more.



- ② Insert I(BK/RD) into each holder.
③ Check that the wires of G and H are properly organized by passing through the square hole on the left.

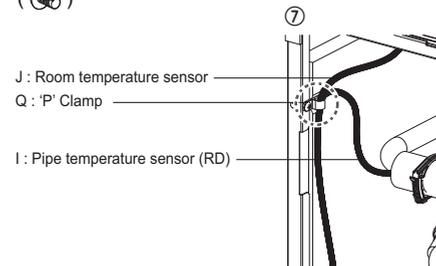


- ④ Make a U-shaped trap on the wire of I(BK/RD), wrap it with insulators, and then clamp it.
* Use the insulators and clamps that were previously disassembled.
* Include the wire of G when clamping the wire of I(BK).
⑤ Wrap an insulator around the pipe at the indicated location, arrange the G, H and I(BK) wires over it, and secure them with a tie.
⑥ After wrapping the wires of G, H and I(BK) with an insulator, secure them with a tie together with the pipe.
* Insulators and ties for ⑤, ⑥ : Included in the installation kit.
* After work, there will be no direct contact of wires with the pipe.

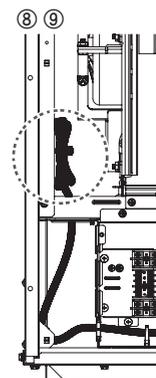


- ⑦ After inserting the wires of I(RD) and J into Q, fix Q with a specified screw in the indicated position.

* Q and screw : Included in the installation kit.
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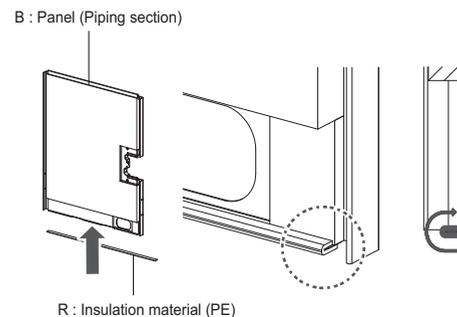


- ⑧ Connect G and H to the control box.
⑨ Tie the wires of G, H, I(BK/RD) and J to the indicated locations.
* Tie : Included in the installation kit.



- 14) Please attach R to the indicated location on B, fold and press.

* R : Included in the installation kit.
* If needed, R should be cut to fit the width of the unit and then attach it.



- 15) Please reassemble A, B, C, D and F in reverse order of disassembly.

