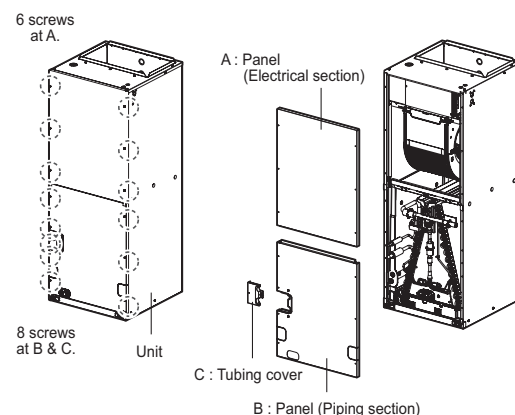


Downflow installation requires various changes to the air handling unit from original configuration. There are additional kits required in order to convert the air handling unit to the downflow configuration.

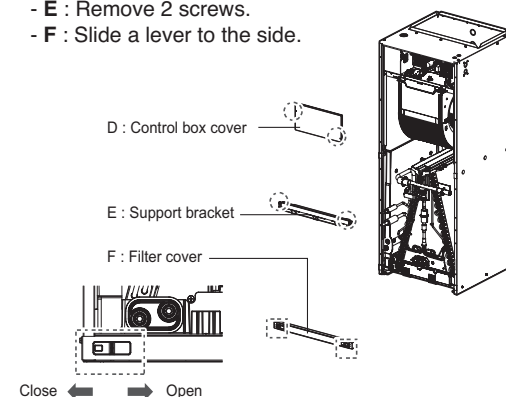
[Components]

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

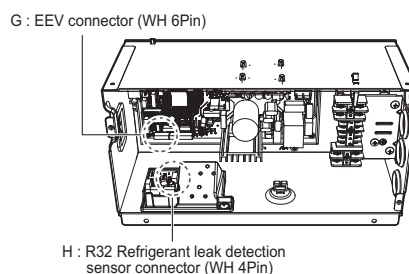
- 1) Please remove **A**, **B** and **C** from the unit.
(Remove 14 screws.)
* Remove in the following order : **A-C-B**.



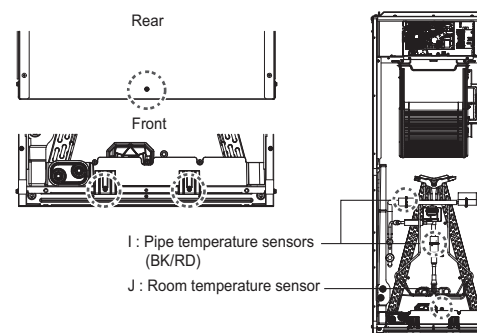
- 2) Please remove **D**, **E** and **F**.
- **D** : Remove 2 screws.
- **E** : Remove 2 screws.
- **F** : Slide a lever to the side.



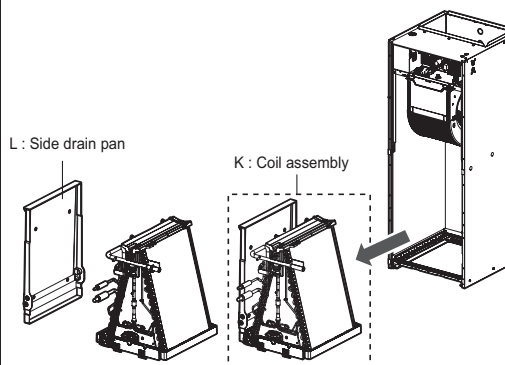
- 3) Separate the **G** and **H** from the control box.



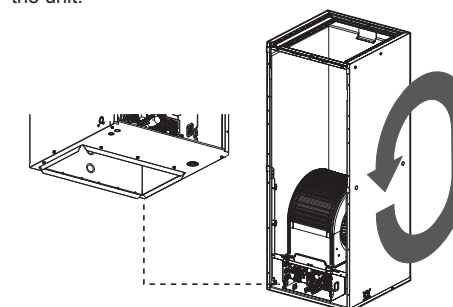
- 4) Remove 3 screws at the bottom of the unit.
5) Separate **I**(BK/RD) and **J** from each holder and clamp.
* Please keep the insulators and clamps(2 each) of **I**(BK/RD) for reuse when reassembling it.



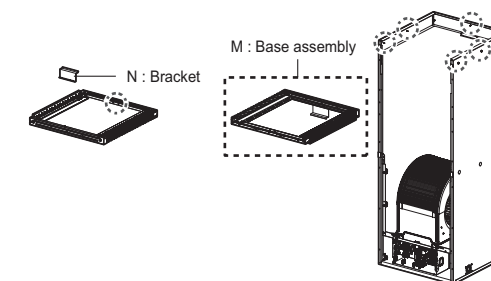
- 6) Please remove **K** from the unit. (Slide forward.)
And please separate **L**.
* **L** : Unnecessary part in downflow installation.



- 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.

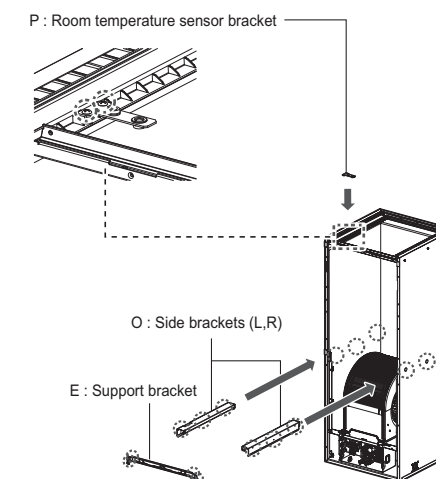


- 8) Please separate **M**. (Remove 5 screws.)
And please remove **N** from the removed **M**.
(Remove 2 screws.)
* **N** : Unnecessary part in downflow installation.
9) Please reassemble **M**. (Fasten 5 screws.)

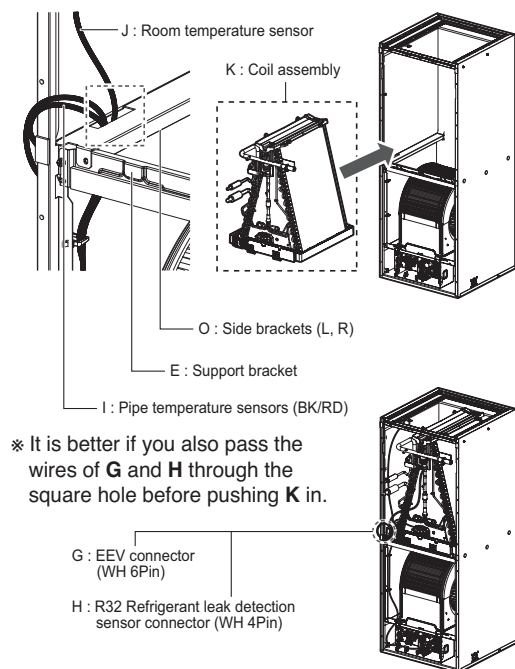


- 10) Please assemble **O** first and **E** into the unit.
11) Please assemble **P** at the marked position.

- * **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. ()

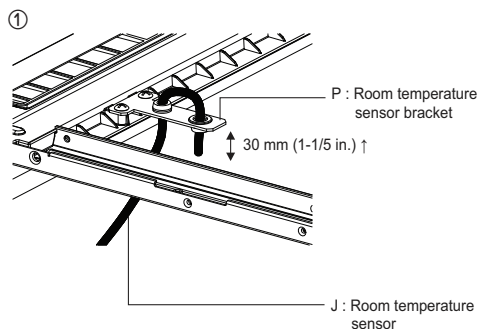


- 12) First, please pass the wires of **I**(BK/RD) and **J** through the square hole on the left.
And please push **K** back over the installed **O** and **E**.

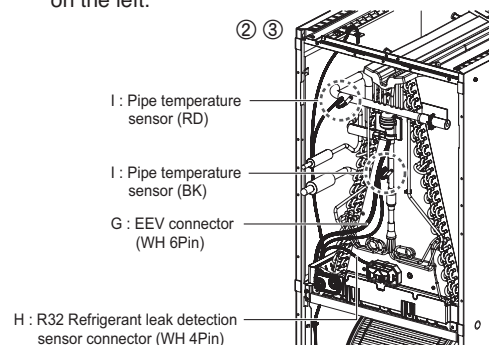


- 13) Please assemble **G**, **H**, **I**(BK/RD) and **J** as shown in the picture and organize each wire.

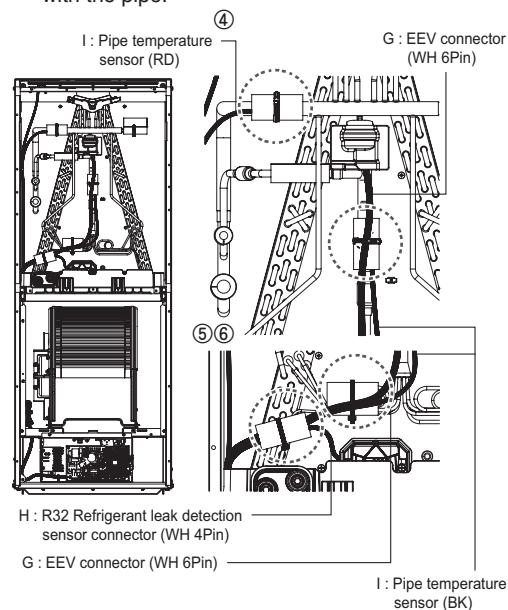
- ① Insert the wire of **J** into **P** in the direction of the drawing.
* The length of the wire drawn out must be 30 mm (1-1/5 in.) or more.



- 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.

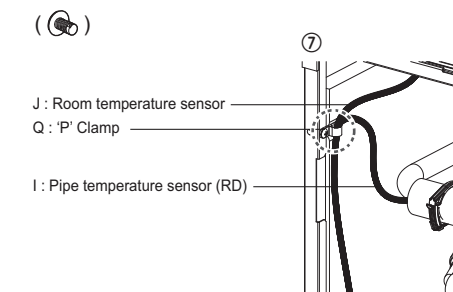


- ④ Make a U-shaped trap on the wire of **I**(BK/RD), wrap it with insulators, and then clamp it.
* Use the insulators and clamps that were previously disassembled.
* Include the wire of **G** when clamping the wire of **I**(BK).
⑤ Wrap an insulator around the pipe at the indicated location, arrange 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.



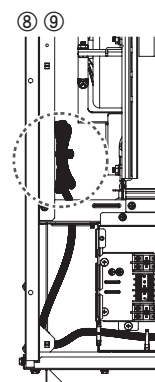
- ⑦ After inserting the wires of **I**(RD) and **J** into **Q**, fix **Q** with a specified screw in the indicated position.

* **Q** and screw : Included in the installation kit.



- 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.

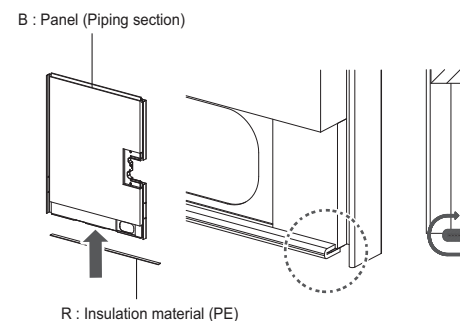
* Tie : Included in the installation kit.



- 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.

