

Statement

This is to request a Class II permissive change for FCC-ID: 2A4JN-OS01-SG5468 originally granted on 03/24/2026

We Copeland Comfort Control LP declare the following models.

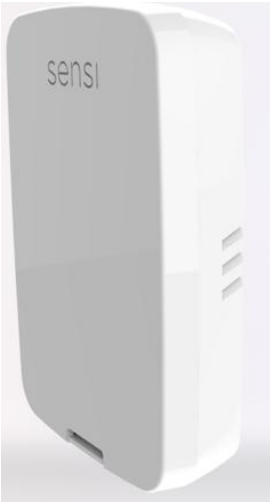
The product name and model name and HW Version and SW Version (the SW Version code submitted for evaluation is consistent with the original version. The only difference is the addition of an internal naming suffix for identification and management purposes.) are difference

While add conformal coating on the component side, change from AAA battery to AA battery; reskin the plastic cover, base; add bracket, middle button.

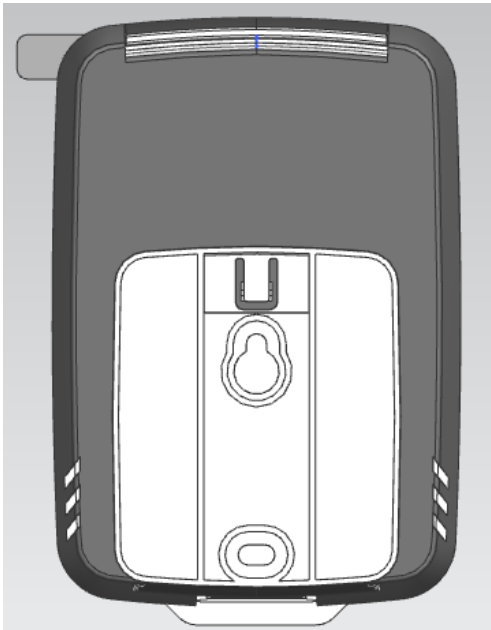
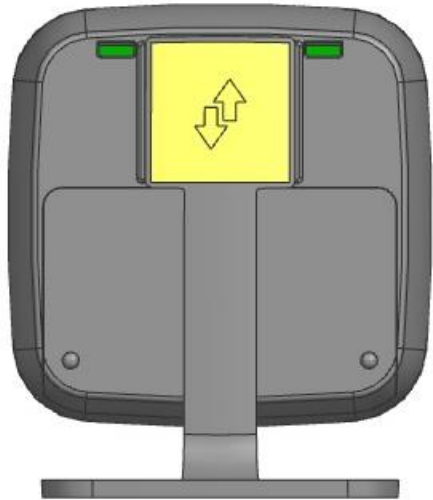
The PCB design of the above is exactly the same no change for PCB layout . these changes with no impact on will not affect the RF performance.

Detailed changes are listed below:

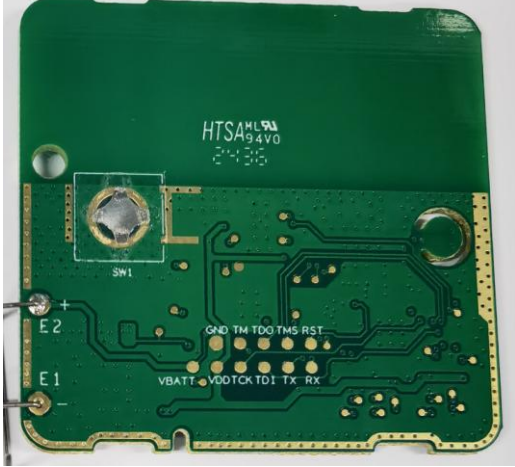
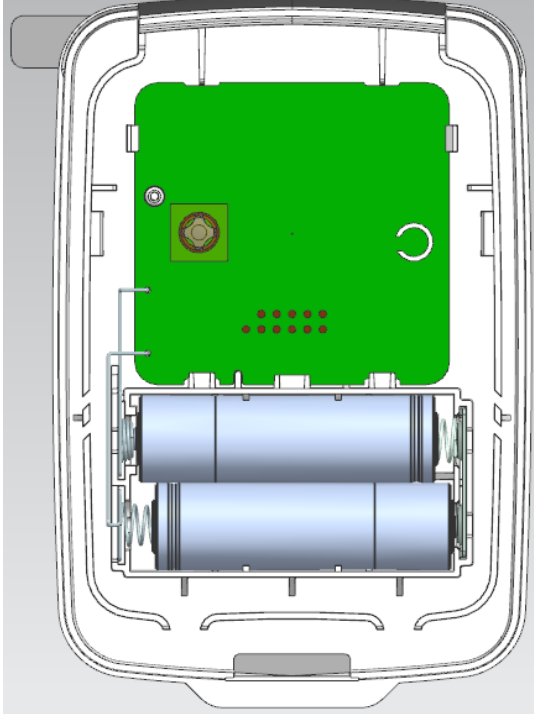
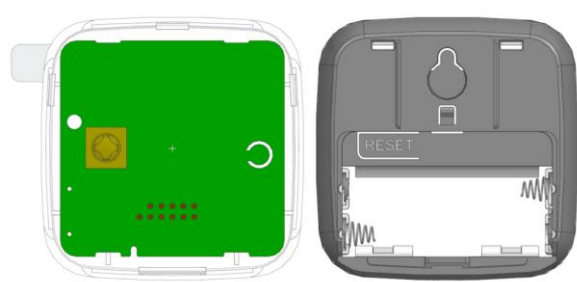
Copeland Comfort Control LP

Specification	De	
	Variation	Original
Model Name	OS01-SG	RS01-SG
Product Name	outdoor remote sensor	Indoor Room Sensor – Sub-GHZ
SW Version	0170-1641v01_02_0x66	0170-1641v01_02
HW Version	0059-5468	0059-5468 Ver.C
MCU	EFR32FG23A020F512GM40-C (Phase2)	EFR32FG23A020F512GM40-C (Phase2)
Power:	Two AA batteries	Two AAA batteries
Operating	-40°F to 158°F (-40 to 70°C), 0%-90% RH non-condensing	32°F to 105°F (0 to 40°C), 0%-90% RH non-condensing
Storage	-40°F to 158°F (-40 to 70°C), 0%-90% RH non-condensing	-40°F to 150°F (-40 to 65°C), 0%-90% RH non-condensing
Water Resistant	YES. (UL/NEMA type 3R, NEMA type 4)	N/A
Conformal coating PCBA	All components except for SHT40 must be conformal coated with Humi-seal 1B73	N/A
Appearance	Be mounted to drywall with screws 	Be mounted to drywall with studs behind it mount on a Stand 

Copeland Comfort Control LP

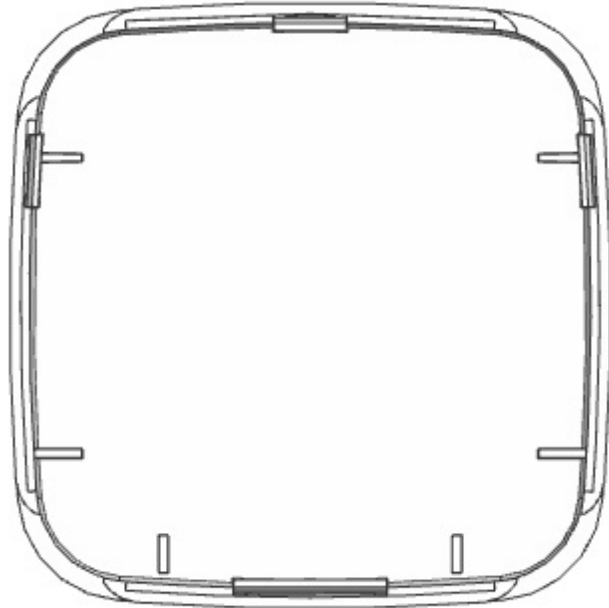
Appearance Front	 A front view of the Copeland Comfort Control LP device. It is a rectangular unit with rounded corners and a dark grey finish. The word "sensi" is printed in a light grey, sans-serif font in the upper center. A small, light-colored rectangular tab is visible on the right side.	 A front view of the Copeland Comfort Control LP device, showing a different branding. The logo "sen si" is printed in a light grey, sans-serif font, with a vertical line separating the two parts. The device has a dark grey, rounded rectangular shape.
Appearance Back	 A back view of the Copeland Comfort Control LP device. It shows a dark grey mounting bracket with a central white rectangular area. Inside this area, there is a circular component with a lock symbol and a smaller circular component below it. The bracket has a small tab on the left side and a small handle on the right side.	 A back view of the Copeland Comfort Control LP device, showing a different mounting bracket. It features a dark grey bracket with a central yellow rectangular area. Inside this area, there is a green double-headed arrow symbol. The bracket has a small tab on the left side and a small handle on the right side.

Copeland Comfort Control LP

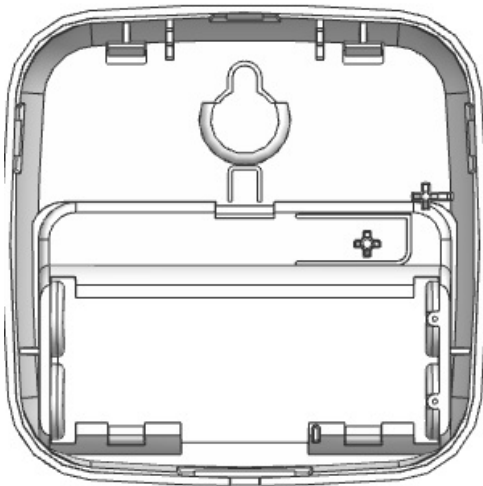
PCBA_Component No change	 A photograph of the top side of a green printed circuit board (PCBA). A circular green sticker with the text "QC PASS" is centered near the top edge. The board is populated with various electronic components including resistors, capacitors, and integrated circuits. Solder pads and traces are visible. At the bottom, the text "2024G827 0059-5468 REV 002" is printed.	 A photograph of the top side of the same green PCBA, showing the same components and layout as the previous image. The "QC PASS" sticker is present. At the bottom, the text "20230316 0059-5468 REV 001" is printed.
PCBA_Solder No change	 A photograph of the bottom side of the green PCBA. It shows the solder joints for various components. Labels include "HTSA ML94V0 2436" at the top, "SW1" for a switch, and a row of pins labeled "E2", "E1", "GND", "TM", "TD", "TMS", "RST", "VBATT", "VDDTCK", "TDI", "TX", and "RX".	 A photograph of the bottom side of the green PCBA, showing the same solder joints and labels as the previous image. The labels "HTSA ML94V0 2436" and the pin headers are clearly visible.
A battery and locate below the PCBA_Solder side	 A technical assembly diagram showing the internal layout of the device. A green rectangular area represents the PCBA, with a circular feature and a row of red dots below it. Below the PCBA is a blue cylindrical battery. The entire assembly is housed within a grey frame representing the device casing.	 Two technical diagrams of the device casing. The left diagram shows the interior of the casing with a green area for the PCBA and a circular feature. The right diagram shows the exterior of the casing with a "RESET" button and a speaker grille.

Copeland Comfort Control LP

Cover



Base_inside



Copeland Comfort Control LP

Base_outside



Middle button
(Reset)



Bracket



Sincerely,

Name: Randy Ruiz

Title: Chief Engineer

A handwritten signature in blue ink that reads "Randy Ruiz". The signature is written in a cursive, flowing style. The first name "Randy" is written with a large, looped 'R' and the last name "Ruiz" follows in a similar cursive script.

Signature: