

**Revision Date:** 12/16/2024

**Subject:** E323 Error Code

**Models:** DVM, CHILLER, WATER

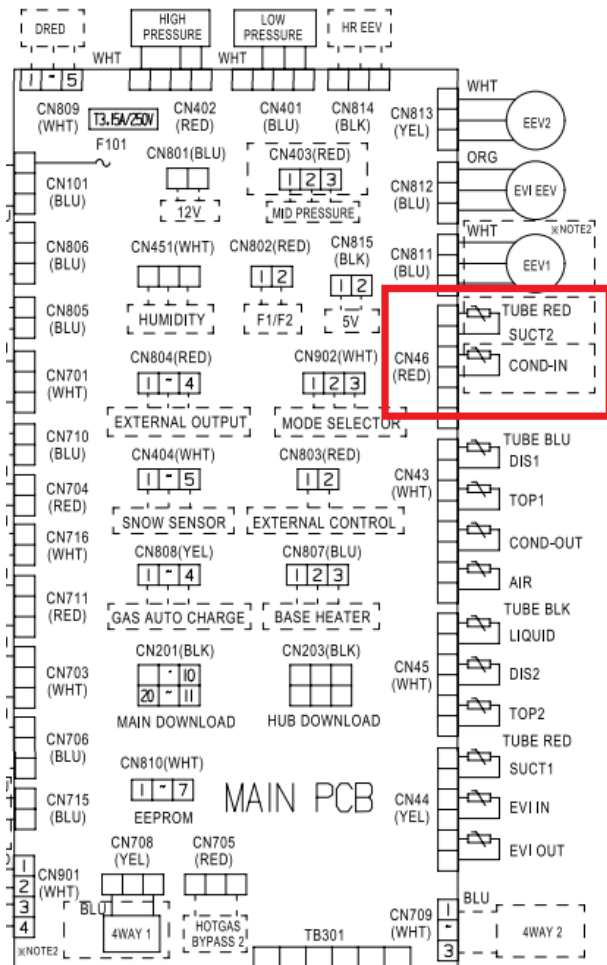
**Title:** Suction Sensor 2 is Open or Short

### Troubleshooting Steps

1. Locate the Suction sensor 2 on the outdoor unit Main PCB.
2. Ohm the sensor and compare it to the resistance chart below. If the sensor test is out of range, replace the sensor.
3. If the sensor is within range, replace the Main PCB on which the sensor is connected.



T (°C)	T (°F)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)
-1	30	27.33	28.47	29.63
0	32	26.18	27.27	28.37
2	36	24.06	25.03	26.02
3	37	23.07	24.00	24.93
5	41	21.23	22.06	22.90
7	45	19.55	20.30	21.06
9	48	18.03	18.70	19.38
10	50	17.31	17.95	18.60
11	52	16.63	17.24	17.86
14	57	14.77	15.29	15.81
15	59	14.20	14.69	15.19
17	63	13.13	13.58	14.03
19	66	12.16	12.57	12.97
21	70	11.27	11.64	12.00
22	72	10.85	11.20	11.55
25	77	9.700	10.00	10.30
26	79	9.341	9.633	9.926
27	81	8.997	9.282	9.568
30	86	8.049	8.313	8.578
31	88	7.758	8.016	8.275
33	91	7.213	7.458	7.704
34	93	6.957	7.196	7.436
37	99	6.249	6.470	6.694
38	100	6.032	6.247	6.465



Always refer to wiring diagram for specific model.

Use the link below for a model search and see the technical data book for the wiring diagram.

<https://www.samsunghvac.com/downloads>