

Brand new 2022 IbeX 19QBS.

January 30, 2023

First camping trip.

CO Leak Back Into Unit

"HSCOD" = Home style smoke/CO detectors activated but not mounted

"FCOD" = Factory installed hard wired CO detector at floor level

(NOTE: Due to an abundance of caution and by error we ended up with 3 HSCOD's on this trip. Only meant to have one.)

Weather - The entire trip the weather was cold at night, mostly cloudy and often windy during the day. The 6th night, it was heavily overcast, snowy and cold, but not as cold.

Heating - The first 5 days & nights there was no incident. We used a forced air electric heater for primary heating and the built in gas heating unit as supplement.

The 6th night this configuration was also used. But it was warmer with no wind, so the gas heater never came on.

Bath Fan - was off except for the 6th night. On the 6th night it was on at level 2, AND the hot water heater was on gas at the same time. All the windows and doors were closed but the fan vent was open.

CO Alarm A few minutes after the fan and hot water heater were on together 2 of the HSCOD sounded an alarm.

One sitting on top of the kitchen counter and the other under the TV, went off. The one on the counter gave an audible voice recording indicating a CO level in excess of 1,200 ppm.

The factory install unit did not sound an alarm. We shut everything gas off and the bath fan. We left all off and vented the trailer out. All seemed fine. So we turned back on the hot water heater on gas and left the fan off. Once the water was hot we turned the hot water off again.

A little less than an hour later, the FCOD unit and one of the HSCOD that we placed on the floor by the FCOD went off. The other two at higher up on the counter levels did not trigger an alarm.


Everything in the trailer relating to gas was off. The FCOD continued to sound well after the floor level HSCOD unit went quiet.

Not being able to clear the FCOD and getting no other alarms we disconnected the FCOD by cutting the common wire. A short time later we reconnected the wire, and it had reset itself.

At this point we went outside and shut off the propane completely, double checked that all gas appliances were off. There was no other incident.

Summary – Gas appliances being used and the bath exhaust fan being on at the same time definitely seemed to suck combustion gases (CO) back into the trailer – at waist level and above well above floor level. at potentially lethally high amounts. Also, the hot water heater may be leaking combustion gases back into the trailer as well without the fan.

Questions?



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