



The following chart shows the maximum allowable exposure limits and symptoms for CO inhalation Gas appliances that meet or exceed these standards have to shut off immediately

CO = Carbon Monoxide

PPM = Parts Per Million

Concentration of CO in the air	Inhalation time and toxic symptoms
9ppm	The maximum allowable concentration for short term exposure in a living area ASHRAE
35ppm	The maximum allowable concentration for continuous exposure in any 8-hour period according to federal law
200ppm	Maximum concentration allowable at any time according to OSHA. Slight headache, fatigued, dizziness, nausea after 2-3 hours.
400ppm	CHIMNEY Frontal headaches with-in 1-2 hours, life threatening after 3 hours. Maximum allowable limit in flue gas according to the EPA and AGA
800ppm	Dizziness, nausea and convulsions within 45 minutes. Unconsciousness within 2 hours. Death within 2-3 hours.
1600ppm	Headache, dizziness, and nausea within 20 minutes. Death within 1 hour.
3200ppm	Headache, dizziness, and nausea within 5-10 minutes. Death within 30 minutes.
6400ppm	Headaches, dizziness, and nausea within 1-2 minutes. Death within 10-15 minutes.
12,800ppm	Death within 1-3 minutes.

Contacts

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