MACURCO™
Building & Home Solutions

IFC 2015 BEVERAGE DISPENSING CODE

Carbon Dioxide (CO_2) Code
International Fire Code 2015 - Section 5307 Carbon Dioxide (CO_2)

• The 2015 edition of the International Fire Code (IFC) now requires mechanical ventilation or an emergency alarm system when the quantity of CO_2 exceeds 100 pounds.
  • 5307.5.2 Emergency Alarm System
• An emergency alarm system shall comply with all of the following:
  1. Continuous gas detection shall be provided to monitor areas where carbon dioxide can accumulate.
  2. The threshold for activation of an alarm shall not exceed **5,000 parts per million**
  3. Activation of the emergency alarm system shall initiate a local alarm within the room or area in which the system is installed.

• The new requirements in the 2015 IFC came about after several fatal carbon dioxide poisonings occurred in the United States in restaurants where CO_2 leaked from large storage containers and displaced oxygen in the area. CO_2 is an odorless and colorless gas heavier than air and will fill a room from bottom to top displacing the oxygen, creating a potential life safety hazard to building occupants and emergency responders.
• Although the 2015 IFC contains new language regarding CO_2 systems please check with your local government units of the status of this code in your area.
• For more information on the code please refer to the following: IFC 2015 Code

CD-6MC Carbon Dioxide (CO_2) Detector, Controller & Transducer

Key Features

• 0-5000 PPM range
• Dual alarm relay (Low & high levels)
• Digital display / onboard buzzer
• Low voltage (CD-6MC) 12-24AC/DC
  Line voltage (CD-12MC) 120VAC
• Can be used standalone or connected to burglar/fire panel, or Macurco controller

Applications

• Convenience stores
• Fast food restaurants
• Restaurants / bars
• Grocery stores
• Breweries / distilleries / wineries
• Arenas / stadiums
• Theaters

Accessories

• Horn and strobe (24VDC only)
• PS-24 (Plug in 24VDC Power)
• DVP-120 control panel
• CO_2 test gas