

# DENLAR FIRE PROTECTION™

At the Center of Every Safe-Cooking Space

## COMMUNITY FIRE SAFETY PROTECT AGAINST THE #1 SOURCE OF STRUCTURE FIRES



In 2021, fire departments responded to over 200,000 structure fires caused by cooking appliances<sup>1</sup>. While residential buildings are more commonly associated with cooking fires, non-residential buildings such as restaurants, hospitals, communal halls, and schools also experience cooking-related fires. These fires resulted in a staggering \$72 million in damages.<sup>1</sup>

According to U.S. Fire Administration, nonresidential building fires have been on the rise. Since 2012 overall trends show a 20% increase in the number of fires, a 70% increase in the number of deaths and a 21% increase in financial loss.

These increases could be due to small communities failing to conduct code enforcement. According to the NFPA, Communities with less than 2,500 people,

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tend to show a fire to populace ratio that is 3 times the national average<sup>3</sup>. Building Owners, Fire Marshals, Architects, Engineers, and Code Officials have a responsibility to ensure that appropriate cooking fire suppression hoods are in place and properly maintained to mitigate the risk of fires. Through code enforcement and fire prevention education, communities could be saved from injury, death, and financial loss.

<sup>1</sup> U.S. Fire Administration - Residential and nonresidential building fire and fire loss estimates by property use and cause (2003-2021)  
<https://www.usfa.fema.gov/downloads/xls/statistics/residential-nonresidential-fire-loss-estimates-2003-2021.xlsx>

<sup>2</sup> U.S. Fire Administration - Nonresidential Fire Estimate Summaries, <https://www.usfa.fema.gov/statistics/nonresidential-fires/>

<sup>3</sup> Fire Loss in the United States During 2021 <https://www.nfpa.org/-/media/fd0144a044c84fc5baf90c05c04890b7.ashx>



# Where Can DENLAR™ Help Save Lives?

Denlar offers the *ONLY* fail-safe, fully engineered & integrated UL300A compliant system on the market!

- |                               |                                    |                              |
|-------------------------------|------------------------------------|------------------------------|
| 1. Long Stay Hotels           | 9. Daycare & Childcare             | 16. Hospitals                |
| 2. Fire /EMS Stations         | 10. Schools                        | 17. Military Installations   |
| 3. Private Clubs              | 11. Places of Worship              | 18. Manufacturing Facilities |
| 4. Car Dealerships            | 12. Communal Halls                 | 19. Subsidized Housing       |
| 5. Dormitory Housing          | 13. Historic Buildings             | 20. Halfway Houses           |
| 6. Police Stations            | 14. Nursing Homes & Long Term Care | 21. Correctional Facilities  |
| 7. Condos & Rental Properties | 15. Family Medical Housing         |                              |
| 8. Community / Rec Halls      |                                    |                              |

NOTE: Not Limited to these applications. Subject to AHJ approval.



**DENLAR** A Proud USA Manufacturer

10 Denlar Drive | Chester | CT 06412 | USA  
t: 860-526-9846 • denlarhoods.com • sales@denlarhoods.com

Denlar is part of a collaboration of companies that engineer and manufacture best-in-class, unique products to markets around the world. These include ChapcoInc.com, a specialist sheet-metal fabrication and assembly company; TrueformRunner.com, curved non-motorized treadmills; and FastcorpVending.com, robotic state-of-the-art vending machines for regulated and non-regulated products.

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