



DENLAR™ FIRE PROTECTION CASE STUDY

Ronald McDonald House Charities

"These hoods are in our family kitchen area, which is a fully-equipped space, accessible 24/7, for families who stay at the House and want to prepare their meals. Though we provide meals, the ability to prepare a special meal, spend time together cooking, or tend to their own dietary needs or restrictions gives families a sense of normalcy and stability in what can be a very frightening time. Families also get to know each other in the kitchen, which gives them the friendship and support that comes from being with others in similar circumstances."

*Colleen Cronin,
Director of Marketing & Communications
RMHC Northeast Ohio*

The Location

Ronald McDonald House Charities provides comfort, care, and supportive services for families living through a child's hospital treatment. Their homes enable families to stay together, close to treatment centers, providing a home-away-from-home environment when needed most. They give hope, community, and practical support.

In 2022, the Ronald McDonald House Northeast Ohio charity provided over 59,000 meals for 948 families with an average 14-night stay. Of course, commercial kitchens demand commercial fire suppression. But when Akron House renovated its family kitchen, where domestic ranges were available for residents to cook their meals, the project team chose four Denlar D1000 Fire Suppression Range Hoods and Clock-Boxes to keep their families safe.

The Challenge

Cooking a homemade range-top meal is a typical act of daily living and can bring comfort and community to those living with the stress of a child undergoing hospital treatment. But cooking in an environment

that is not familiar, with multiple users and potential life-impacting distractions or callouts, can have its challenges. When a child needs their parent, they go – that is just an instinct. The whole concept of RMH charities is to provide that instantaneous connection. But what if you leave the kitchen in a hurry and leave a dish on the stove? We've all done it!

The Solution

RMC Northeast Ohio knew that by protecting their precious facilities from the number one source of structural fires, they also protected visiting families and their reputation. Sprinkler systems are fitted throughout the building, but a Denlar Fire Suppression Range Hood contains a stovetop fire, suppresses it, and prevents reignition within seconds. Stopping a fire before it takes hold reduces burn injuries, property damage, and relocation stress following a sprinkler-system ignition.

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In Conclusion

- ensure that "Failsafe" really is fail-safe.

When a Denlar mechanical fail-safe mechanism detects a range-top fire, the suppressant is discharged, and simultaneously, power to the range-top is disconnected – preventing reignition. Denlar is the only range hood in the UL300A category with a non-battery-powered, mechanically driven, fail-safe mechanism.

The D1000 fulfills all the theory and intent behind a Type I commercial hood with fire suppression in a product designed and engineered for use over a residential-grade range. The UL300A listed D1000 is perfect for any public space that uses a residential-grade appliance in a "not-for-profit" cooking application. The Akron House installation is an excellent example of this.

About Denlar Range Hoods:

Stemming from our recognition of the need for a robust, solid, yet economical solution for combating cooking fires in locations that do not necessarily warrant a complex and expensive commercial system, we began testing concepts in our state-of-the-art fire suppression chamber. In 2006, we launched a model hood and have continued to develop our product offerings ever since. We work hard to meet standards that municipalities expect nationwide while consistently producing and evolving the products we proudly put our name on.