



## Keeping Wide Openings From Attracting The Wrong Crowd

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### CHALLENGE

**When a popular sports bar in Downtown Overland Park, Kansas decided a renovation would enhance the dining and sports viewing experience and drive higher guest counts, health codes threatened to kibosh some forward thinking designs.**

Mars Air Systems was part of a rescue served up to meet regulatory requirements, amplify guest comfort, and cut utility bills. It began when plans for the landmark Maloney's Sports Bar & Grill specified resort-evoking amenities that included an enclosed rooftop bar with a track-guided garage door able to open wide and bring the outdoors in. And, a series of fold-out windows along the second-floor dining area was included to provide unobstructed views of the street action below. Both unscreened openings – while being enormously appealing to diners and drawing them back for repeat experiences – triggered Johnson County health code regulations that prohibit such open exposure to flying pests in food prep and food serving areas. The predicament? The large garage door effectively rolled right into the space where the Mars air curtain is traditionally stationed as a sentry to guard against flying pests that carry communicable diseases and pathogens.

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### THE SOLUTION

**In partnership with Heaven Engineering, a cleverly designed exterior-mount solution provided a simple ledge to cradle the hard-working air curtain units while doing double duty as an architectural feature.** A painted custom-made protective covering was then placed around the units to shield them from the often harsh Mid-western elements while blending in with the building and appearing to be part of an intentional facade. Now the threat of flies and mosquitos has been halted as the air curtains provide the proven invisible protective shield the health code demands. Able to operate continuously whenever the garage door or windows are open and provide trusted defense, patron experiences are also separated as any drifting cigar or cigarette smoke from guests on the patio is safeguarded from reaching inside diners. Everyone viewing a game on one of 19 HD plasma TVs has the experience they prefer. The Downtown Overland Park Partnership recognized the improvements Maloney's made with an investment award and guests share their appreciation by spending more time in the one of the many dining environments Maloney's is now able to offer their guests.



atmosphere is everything

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# FLIES ALONE ARE PROVEN CARRIERS OF MORE THAN 100 INFECTIOUS AGENTS FOR HUMANS.



## PRODUCING NON-TRADITIONAL SOLUTIONS

To make sure frozen food keeps its sensory and nutritional quality, as well as maintain food safety standards, temperature requirements have been set for every stage of the cold storage chain. No less a consideration is the hit to food storage life when products are exposed to temperature fluctuations. In challenging environments, the mere act of moving food from a transport truck to a freezer can raise the temperature of the food significantly and tax a cooling system as it struggles to return to the thermostat set point. The Mena House Hotel in heat-steeped Cairo, Egypt has welcomed dignitaries such as Winston Churchill, Queen Mary and Richard Nixon as well as average summer temperatures of 94°F to 104°F. With a bank of 20 foot by 20 foot freezers that needed repeated stocking to feed hotel guests, a solution of significance was on demand to unburden the freezer compressors, protect the food from heating up and give some relief to rising energy costs. Using a series of 42-inch custom-engineered models, the Mars Air Systems engineering team was able to create a wall of cold air sufficient enough to consistently halt the incursion of heat and dust. The air curtains eliminated temperature fluctuations, cut out the stress on the equipment trying to re-cool and helped reduce burgeoning energy costs.



## WHEN A SOLUTION WORKS THIS WELL...ADD ANOTHER

Sometimes the challenge is less a problem and more an opportunity to repeat what already works well. When Camp Ronald McDonald for Good Times in Southern California unveils a new dining hall in 2015 that will significantly enhance the camp experience for youth struggling with cancer and their families, two donated Mars Air Systems air curtains will stand guard over their foodservice delivery doors. For the staff, finding a solution meant having to look no further than skyward in the existing dining hall because a circa-1989 Mars air curtain is still hard at work in the retiring dining center. The 26-year old unit continues to create the wall of air needed to dispel dirt, dust and insects and repel exterior air. Happy to be able to keep the still-operating air curtain in place as the outmoded facility transitions to a culinary teaching center, the staff reached out to Mars for two additional workhorses. The Mars contribution joins with built-environment leaders such as HunterDouglas and Dupont™ Corian® to breathe life into the new 14,000 square foot complex so guests can recreate the family dining table while at camp.



## TOP CHAINS ORDER UP PEAK PERFORMERS

While a Health Department code may prescribe air curtains to create cleaner, pest-free food prep areas, the real mandate comes from patrons. Creating a pest-free space with evenly distributed conditioned air does more than give guests the impression of clean, it's actually a building block to designing a truly hygienic venue. Food poisoning is directly linked to flies who carry pathogenic organisms that cause E. coli, salmonella and shingles and introduce other bacteria. Working hand in hand with the sanitation protocols you already have, Mars Air Systems' air curtains above entry doors, pass through windows and back receiving doors becomes a silent sentry that seizes control to keep the uninvited out. And, we've been doing that for over 50 years for iconic hospitality brands such as Panda Express, In-N-Out Burger, Taco Bell, Subway, Olive Garden and growing up-and-comers like Smashburger and Five Guys Burgers. Whether it's the need for a recessed unit that blends seamlessly in a well-defined décor vision, or defense against brutal weather conditions -- both hot and cold -- or the need for food storage areas to be vigorously defended Mars products have been the solution of choice for the most demanding operators world-wide.



## BALLS KEEP FLYING, PESTS GET GROUNDED

Camelback Ranch Stadium — home turf to two Arizona League teams and spring break host to the Los Angeles Dodgers and Chicago White Sox — sits amid 141 acres with 5,000 plants and trees that invite flying pests of every kind. Add to that a fully-stocked lake to attract pests that like standing water and frequent dust storms and its clear why the powerful Mars air curtain units were on demand across the expanse of every concession stand. With the installation of a bundle of Mars units, including those at the main kitchen receiving doors and the large stretch of opening at the White Sox training kitchen, the result is an effective embargo on flying pests, bad air, and dust in the food at this important facility that shares baseball love. Now 118,000+ sq ft of clubhouse space, 13 full baseball fields, three half-fields, and the up to 13,000 daily guests enjoy a shield of protection from unpredictable Arizona desert haboob dust storms and uninvited pests.



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