

Fan Coil UVC Kit by Steril-Aire

Fan coils have always presented an IAQ challenge, because their low-efficiency filters aren't proficient at catching infectious disease contaminants and mold.

Steril-Aire, however, solved the problem with ultra-violet "C" band technology. Its Fan Coil UVC Kit contains "emitters" that put out high UVC energy, thereby eliminating airborne microbial contaminants and creating clean, virtually contaminant-free fan coils.

Robert Benevides, P.E., a consulting engineer with Somerset, Mass.-based Benevides Assocs., like many other *CSE* readers, voted for the product for this reason.

"I think its sterile feature is innovative and environmentally sound," said Benevides. "I think about Legionnaires' Disease all the time, and this product could help prevent it in nursing homes and the like. It has the most appeal out of all the new HVAC products this year."

Steril-Aire Vice President of Sales and Marketing Roger Stamper says the UVC light also requires no maintenance. "One reason the Fan Coil Kit is so unique is that [fan coil is] a piece of equipment that is very difficult to clean," Stamper said. "What I mean by that is that you can't use a high-efficiency filter with it. Instead, the UVC light kills any 'dirt' that comes onto the coil, eliminating the need for maintenance, while removing mold and its byproducts, therefore improving the indoor IAQ and keeping the unit energy-efficient."

Ideal for hotel rooms, dormitories, offices, patient rooms and classrooms, the Fan Coil UVC Kit comes in six lengths and attachment accessories.