

BULLETIN

SEPTEMBER 3, 2024

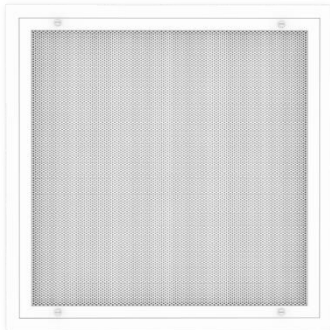
TO: Greenheck Representatives
FROM: Matthew McLaurin, Segment Manager
Air Distribution—Healthcare, Laboratories, Clean Rooms
SUBJECT: HLC-LFD Laminar Flow Diffuser and HLC-FFR Radial Flow
Diffuser Design Update



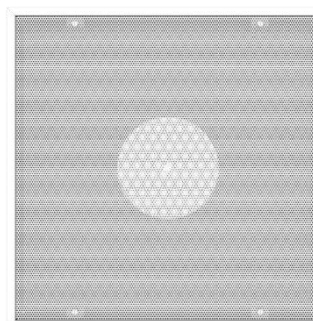
We have recently updated the design of the HLC-LFD laminar flow diffusers and HLC-FFR radial flow diffusers. The plenums and mounting frames will now be formed from a single sheet of material. This will allow us to maintain tighter construction tolerances and increase operational capacity. The critical dimensions (HxWxL) remain the same for both products.

This change will also introduce a slight visual change to the HLC-LFD diffuser face. The mitered frame for the face assembly is being eliminated. In addition to the improved visual aesthetic, a more uniform velocity across the face of the diffuser is achieved.

Old version HLC-LFD with mitered-frame face



New version HLC-LFD with full perforated face



The design change also implements a new pattern controller design for the HLC-FFR model. This improved design provides more uniform flow within the radial pattern even maintaining a true radial pattern in open-ceiling applications.

This change will be effective immediately. We will contact you directly for approval to convert the order construction for current open orders. For orders placed after today (9/3/2024) these models will be built to the updated specifications and submittals currently available on the Greenheck website. If you have any questions regarding these design changes, please contact me at matthew.mclaurin@greenheck.com. If you have order-specific questions, please contact grd.sales@greenheck.com with your order information and concerns.